

Fishery Data Series No. 98-25 (Revised)

Revised Edition:

Harvest, Catch, and Participation in Alaska Sport Fisheries During 1997

by

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and

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Alaska Department of Fish and Game

Division of Sport Fish



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FISHERIES DURING 1997**

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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 1997 estimates. The data processing, and estimation procedures used to produce revised 1996 through 1998 estimates are described in Howe, et al (2001).

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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 1997. In 1997, an estimated 438,117 anglers fished 2,079,514 days and kept 2,873,020 of the 7,105,442 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 twenty-first 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 1997 an estimated 438,117 anglers fished 2,079,514 days (Appendix A7). About 50% of the anglers were Alaska residents who accounted for 63% of the total days fished. Nonresident participation in terms of anglers was highest in Southeast (67.4%) and lowest in the Arctic-Yukon-Kuskokwim (AYK) region (29.7%). In Southcentral 53.8% 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 50.5% of the regional total days fished. Resident anglers in Southcentral and AYK accounted for about 65.2% and 75.9% of total regional days fished, respectively (Appendix A7).

Between 1994 and 1997 total anglers declined slightly (Appendix A8) due to decreases in resident angler participation. Angler-days fished has also decreased between 1994 and 1997 (Appendix A12) with most of the decrease occurring in Southcentral between the years 1995 and 1996.

HARVEST

The 2,873,020 fish harvested in 1997 (Appendix A14), included 850,003 razor clams *Siliqua patula* and 77,491 smelt and capelin Osmeridae. Of the remaining 1,945,526 harvested fish, 1,091,558 (56%) were anadromous (sea-run) salmon *Oncorhynchus*.

The 1997 total anadromous salmon harvest of 1,945,526 included 185,175 chinook salmon, 444,525 coho salmon, 318,839 sockeye salmon, 111,671 pink salmon *Oncorhynchus gorbuscha*, and 31,348 chum salmon *Oncorhynchus keta* (Appendix A14). The marine sea-run salmon harvest totaled 523,725 (Appendix A15), while the freshwater harvest totaled 567,833 fish (Appendix A16).

Regionally, 337,607 anadromous salmon were harvested in Southeast Alaska (Appendix A17), 711,020 in Southcentral (Appendix A18), and 42,931 in the Arctic-Yukon-Kuskokwim area (Appendix A19). Other harvest estimates for 1997 are tabulated by region, area, fishery, and species in Appendix A.

CATCH

The catch of 7,105,442 fish in 1997 (Appendix A14) included 986,615 razor clams and 80,464 smelt. Of the remaining 6,038,363 fish caught, 2,523,521 (42%) were anadromous (sea-run) salmon *Oncorhynchus*. Anglers caught 939,895 rainbow trout *Oncorhynchus mykiss*, 604,930 Arctic grayling, 586,119 Dolly Varden *Salvelinus malma* and Arctic char *Salvelinus alpinus*, and 732,579 Pacific halibut *Hippoglossus stenolepis* (Appendix A14).

Other catch estimates for 1997 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.

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

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	
Participation										
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
Salmon Species										
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
Other Species										
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	
Participation										
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
Salmon Species										
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
Other Species										
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	
Participation										
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
Salmon Species										
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
Other Species										
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	
Participation										
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
Salmon Species										
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
Other Species										
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

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). The onsite and mail survey estimates for the salmon fisheries of the Sitka marine boat and Juneau Marine boat were not significantly different. Onsite survey estimates for the Ketchikan marine boat salmon

were biased low because a major access point (Clover Pass) was not sampled (Hubartt, et al 1998). The Gastineau Hatchery Roadside creel survey estimate of coho salmon was significantly greater than the corresponding estimates from the annual mail survey, while estimates for other species did not significantly differ.

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 significantly different. The discrepancy may relate to the breakdown of harvest into the early versus late portion of the fishery, as well as the guided and non-guided portions. Yet estimates of guided or nonguided angler harvest combined across periods are dissimilar: (1) 9,516 harvest estimate for the guided anglers from the onsite survey versus the corresponding estimate of 6,713 from the annual mail survey, and (2) 5,762 harvest estimate for the non-guided anglers from the onsite survey versus 4,531 from the annual mail survey. Combining estimates into early and late fisheries also resulted in dissimilar estimates: 4,942 early run for the onsite survey versus 3,805 for the mail survey; 10,336 late run for the onsite survey versus 7,439 for the mail survey.

We suppose that households responding to the mail survey may have had difficulty recalling exactly when and where their fishing trips occurred in the Kenai River. Of course, other unknown factors related to the onsite and mail surveys could have influenced estimates.

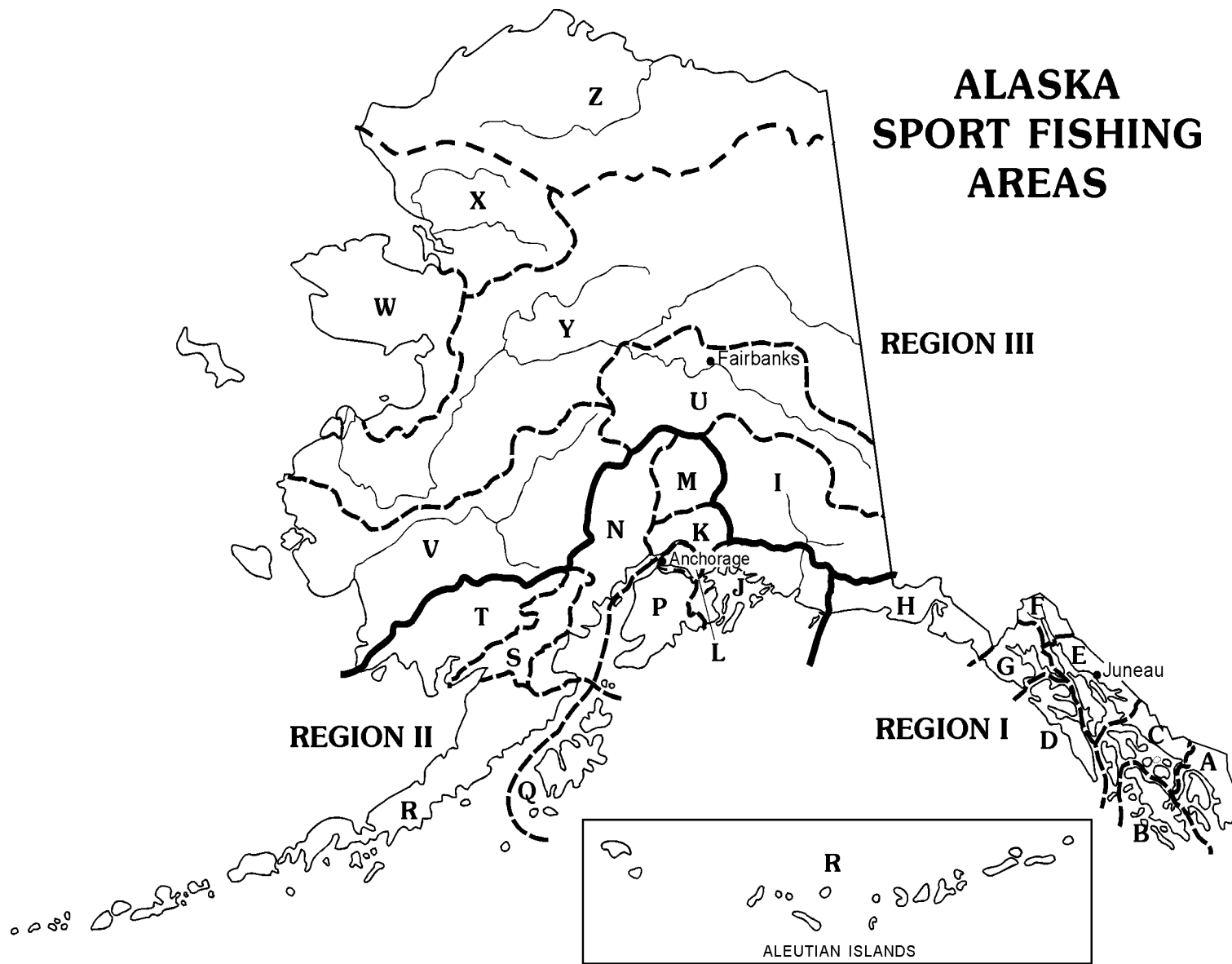
ACKNOWLEDGMENTS

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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.

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
Shark	<i>Lamna ditropis</i> (salmon shark), <i>Somniosus pacificus</i> (Pacific sleeper shark), and <i>Squalus acanthias</i> (spiny dogfish) are the most common species caught.	SK
Rockfish	<i>Sebastes</i> spp.	RF
Lingcod	<i>Ophiodon elongatus</i>	LC
Smelt	Osmeridae	SM
Capelin	<i>Mallotus villosus</i>	SM
King crab	<i>Paralithodes camtschatica</i>	KC
Dungeness crab	<i>Cancer magister</i>	DC
Tanner crab	<i>Chionoecetes bairdi</i>	TC
Shrimp	Pandalidae	SHR
Razor clam	<i>Siliqua patula</i>	RCL
Hardshell clams		HCL
Butter clam	<i>Saxidomus giganteus</i>	
Littleneck clam	<i>Protothaca staminea</i>	
Cockle	<i>Clinocardium nuttallii</i>	
Gaper clam	<i>Tresus capax</i>	
Eastern softshell clam	<i>Mya arenaria</i>	
Truncated mya	<i>Mya truncata</i>	
Alaska surf clam	<i>Spisula polynyma</i>	
Other shellfish		OS

Appendix A4.-Response to the standard Alaska sport fish survey mailing, 1997.

	Mailing 1	Mailing 2	Mailing 3	Total
Mailing^a				
Number Mailed	22,000	15,546	12,635	50,181
Number Returned Nondeliverable ^b				1,176
Number not Returned ^b	15,546	12,635	11,143	39,324
Responses				
Number ^b	5,586	2,721	1,374	9,681
Percent of 1st Mailing not Returned as Nondeliverable				46.5%

^a Resident surveys were mailed 12/2/97, 1/13/98, and 2/20/98.

Nonresident surveys were mailed 12/19/97, 1/28/98, and 3/9/98.

^b Does not include returns after May 21, 1998. 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, 1997.

	Mailing 1	Mailing 2	Mailing 3	Total
Mailing^a				
Number Mailed	25,000	18,722	15,549	59,271
Number Returned Nondeliverable ^b				1,400
Number not Returned ^b	18,722	15,549	13,877	48,148
Responses				
Number ^b	5,220	2,955	1,548	9,723
Percent of 1st Mailing not Returned as Nondeliverable				41.2%

^a Resident surveys were mailed 11/21/97, 1/8/98, and 2/11/98.

Nonresident surveys were mailed 12/12/97, 1/21/98, and 3/4/98.

^b Does not include returns after May 21, 1998. 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, 1961-1997.

Year	Resident		Nonresident		Total
	Number	Percent	Number	Percent	
1961	41,120	74.0	14,444	26.0	55,564
1962	42,015	74.0	14,783	26.0	56,798
1963	46,160	73.1	16,977	26.9	63,137
1964	45,355	74.5	15,527	25.5	60,882
1965	48,421	71.3	19,483	28.7	67,904
1966	50,287	70.3	21,256	29.7	71,543
1967	50,357	65.4	26,594	34.6	76,951
1968	58,344	64.4	32,221	35.6	90,565
1969	62,546	63.0	36,777	37.0	99,323
1970	71,711	63.2	41,683	36.8	113,394
1971	75,952	65.8	39,543	34.2	115,495
1972	82,088	66.0	42,347	34.0	124,435
1973	89,823	70.2	38,179	29.8	128,002
1974	95,485	70.8	39,415	29.2	134,900
1975	101,900	69.0	45,821	31.0	147,721
1976	118,679	70.7	49,194	29.3	167,873
1977	121,913	68.6	55,821	31.4	177,734
1978	129,750	66.5	65,481	33.5	195,231
1979	130,458	64.4	72,090	35.6	202,548
1980	132,103	63.9	74,699	36.1	206,802
1981	138,784	61.4	87,407	38.6	226,191
1982	156,324	59.8	105,014	40.2	261,338
1983	169,761	62.4	102,481	37.6	272,242
1984	177,949	60.7	115,127	39.3	293,076
1985	176,725	58.2	127,077	41.8	303,802
1986	180,936	57.6	133,051	42.4	313,987
1987	181,721	56.3	140,773	43.7	322,494
1988	177,383	54.0	151,308	46.0	328,691
1989	174,942	51.8	163,098	48.2	338,040
1990	180,214	49.6	182,779	50.4	362,993
1991	184,813	50.5	181,182	49.5	365,995
1992	182,245	46.6	208,516	53.4	390,761
1993	181,843	46.9	205,720	53.1	387,563
1994	183,186	44.6	227,088	55.4	410,274
1995	176,428	42.6	238,021	57.4	414,449
1996	180,747	42.6	243,731	57.4	424,478
1997	180,029	41.7	251,865	58.3	431,894

Appendix A7.-Statewide and regional participation in Alaska sport fishing by residency, 1992-1997.

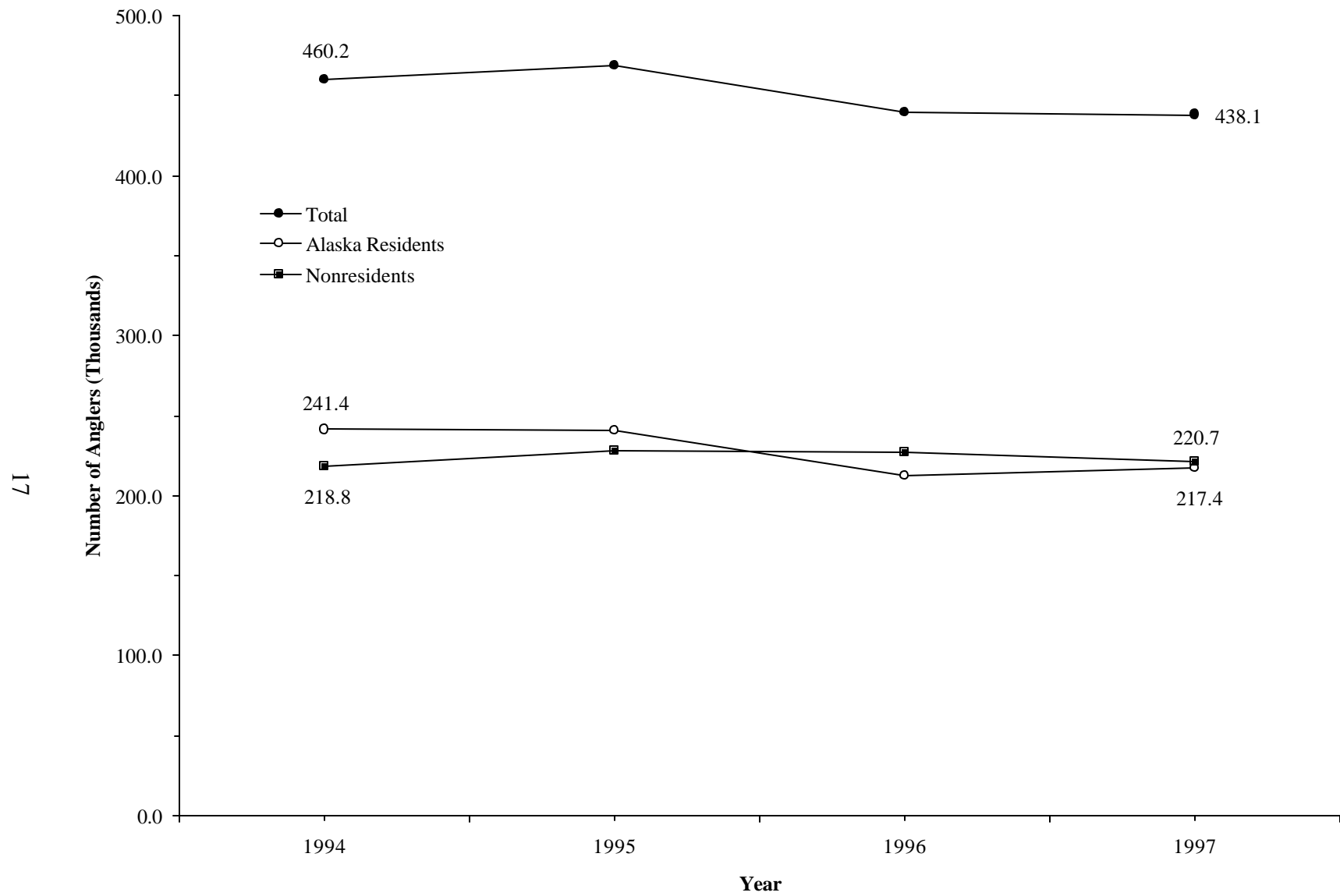
Region	1992					1993				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
	Anglers									
SE ^a	36,835	37.8	60,616	62.2	97,451	35,320	36.6	61,152	63.4	96,472
SC ^b	198,034	62.0	121,316	38.0	319,350	194,313	59.5	132,405	40.5	326,718
AYK ^c	34,328	80.6	8,264	19.4	42,592	33,802	76.8	10,202	23.2	44,004
TOTAL	246,108	57.4	182,660	42.6	428,768	237,452	55.7	189,062	44.3	426,514
	Days Fished									
SE ^a	247,014	52.7	221,578	47.3	468,592	258,612	54.9	212,591	45.1	471,203
SC ^b	1,364,454	72.2	525,476	27.8	1,889,930	1,301,567	69.7	565,666	30.3	1,867,233
AYK ^c	156,924	86.3	24,928	13.7	181,852	187,973	85.1	32,999	14.9	220,972
TOTAL	1,768,392	69.6	771,982	30.4	2,540,374	1,748,152	68.3	811,256	31.7	2,559,408
Region	1994					1995				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
	Anglers									
SE ^a	36,041	31.5	78,198	68.5	114,239	36,001	33.3	71,958	66.7	107,959
SC ^b	194,207	57.6	142,665	42.4	336,872	187,452	54.7	155,374	45.3	342,826
AYK ^c	33,102	78.0	9,346	22.0	42,448	41,181	76.0	13,003	24.0	54,184
TOTAL	241,438	52.5	218,766	47.5	460,204	240,566	51.2	228,870	48.8	469,436
	Days Fished									
SE ^a	259,109	47.7	283,830	52.3	542,939	271,069	51.0	260,921	49.0	531,990
SC ^b	1,318,825	67.0	648,160	33.0	1,966,985	1,308,126	65.9	677,413	34.1	1,985,539
AYK ^c	176,627	84.1	33,360	15.9	209,987	222,720	82.4	47,421	17.6	270,141
TOTAL	1,754,561	64.5	965,350	35.5	2,719,911	1,801,915	64.6	985,755	35.4	2,787,670
Region	1996					1997				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
	Anglers									
SE ^a	30,390	28.7	75,457	71.3	105,847	35,998	32.6	74,397	67.4	110,395
SC ^{bd}	167,553	52.7	150,364	47.3	317,917	164,883	53.8	141,736	46.2	306,619
AYK ^{cd}	34,150	73.1	12,539	26.9	46,689	43,325	70.3	18,270	29.7	61,595
TOTAL	212,510	48.3	227,141	51.7	439,651	217,379	49.6	220,738	50.4	438,117
	Days Fished									
SE ^a	193,035	52.1	177,384	47.9	370,419	222,151	50.5	217,524	49.5	439,675
SC ^{bd}	966,155	67.3	468,788	32.7	1,434,943	912,926	65.2	488,057	34.8	1,400,983
AYK ^{cd}	168,259	83.6	32,907	16.4	201,166	181,320	75.9	57,536	24.1	238,856
TOTAL	1,327,449	66.2	679,079	33.8	2,006,528	1,316,397	63.3	763,117	36.7	2,079,514

^a Southeast

^b Southcentral

^c Arctic-Yukon-Kuskokwim

^d Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities. Prior to 1997 Upper Copper/Upper Susitna Drainages estimates are included under Southcentral Region.



Appendix A8.-Anglers who sport fished in Alaska by area of residence, 1994-1997.

Appendix A9.-Number of anglers who sport fished in Alaska by area of residence, 1984-1997.

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Alaska														
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	29,853
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	1,755
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	4,013
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	25,694
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	108,091
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	6,067
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	1,907
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	33,564
Unknown Alaska													5,512	6,435
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	217,379
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%	49.6%
Other Than Alaska														
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	205,624
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	15,114
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	220,738
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%	50.4%
TOTAL	335,608	348,767	359,383	370,338	377,004	391,308	424,873	425,025	428,768	426,514	460,204	469,436	439,651	438,117

Appendix A10.-Number of anglers by Alaska region and area fished, 1987-1997.

Area Fished	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Southeast											
Ketchikan	17,934	21,306	19,810	26,158	21,854	22,711	20,464	27,090	22,738	24,000	23,914
Prince of Wales Island	6,686	5,787	8,873	10,498	9,634	10,446	14,355	16,134	14,643	14,292	12,871
Kake, Petersburg, Wrangell, Stikine	8,716	9,022	9,753	12,452	9,830	12,241	10,238	13,166	10,368	9,330	9,575
Sitka	8,286	12,171	12,506	16,706	18,567	21,465	20,931	28,922	26,362	23,930	26,467
Juneau	24,388	22,586	26,280	26,830	28,415	30,315	25,749	27,617	30,316	28,160	29,708
Haines-Skagway	10,484	10,798	8,680	13,720	8,615	4,861	8,754	7,072	7,713	7,410	7,504
Glacier Bay	2,369	2,444	3,548	3,069	4,929	4,113	5,184	5,110	6,961	5,417	7,028
Yakutat	3,622	3,496	3,068	3,440	3,206	3,552	3,588	4,590	4,560	5,403	6,613
Total ^a	78,270	80,599	82,111	101,499	92,914	97,451	96,472	114,239	107,959	105,847	110,395
Southcentral											
Upper Copper/Upper Susitna Drainages	25,270	31,590	24,535	26,302	28,373	26,276	29,312	28,323	30,056	27,620	
Prince William Sound	30,503	30,383	26,238	37,464	37,380	33,817	33,600	37,147	46,435	37,930	41,268
Knik Arm Drainage	47,186	60,735	51,951	50,887	50,186	48,065	40,797	43,576	36,604	32,404	32,375
Anchorage	31,673	33,817	32,286	32,976	31,612	37,993	35,307	35,098	35,948	35,897	33,309
East Susitna River Drainage	36,136	52,196	46,833	47,998	47,561	57,762	50,615	44,448	39,094	37,480	38,871
West Cook Inlet-West Susitna River Drainages	36,043	41,862	39,187	41,005	41,440	39,564	40,641	39,463	27,235	25,544	25,874
Kenai Peninsula	175,477	192,292	197,352	209,376	210,295	210,021	219,913	229,030	231,923	214,502	207,377
Kodiak	11,481	12,345	12,849	13,714	13,994	13,362	15,323	16,906	14,693	13,748	14,882
Naknek River Drainage-Alaska Peninsula	8,145	7,797	8,313	10,896	11,521	10,446	9,160	8,355	10,394	7,861	8,943
Kvichak River Drainage	8,380	3,558	6,190	6,931	9,287	8,588	10,075	8,635	10,472	8,051	8,106
Nushagak	5,541	3,868	4,833	5,312	6,921	5,771	6,097	8,160	7,925	8,411	6,954
Total ^{ab}	254,212	285,360	292,524	309,770	318,864	319,350	326,718	336,872	342,826	317,917	306,619
Arctic-Yukon-Kuskokwim											
Upper Copper/Upper Susitna Drainages											24,893
Tanana River Drainages	35,699	36,911	38,731	38,031	34,672	31,586	33,343	32,334	41,654	35,362	31,612
Kuskokwim-Goodnews Drainages	3,775	3,310	3,688	2,691	3,146	3,041	3,257	3,948	3,699	4,308	5,693
Seward Peninsula-Norton Sound Drainages	2,697	3,001	3,052	3,233	3,776	3,540	3,134	3,016	3,719	2,958	2,773
Northwest Alaska Drainages	2,191	990	1,063	1,008	1,795	1,421	1,575	1,100	1,957	1,407	824
Yukon River Drainages	2,644	3,063	3,989	4,162	4,047	4,313	3,800	3,714	5,477	3,877	3,867
North Slope Brooks Range Drainages	1,551	1,052	1,423	1,158	1,556	1,758	1,362	1,253	1,612	1,259	1,308
Total ^{ab}	45,542	45,606	48,705	47,799	46,426	42,592	44,004	42,448	54,184	46,689	61,595
Alaska Total^a	370,338	377,004	391,308	424,873	425,025	428,768	426,514	460,204	469,436	439,651	438,117

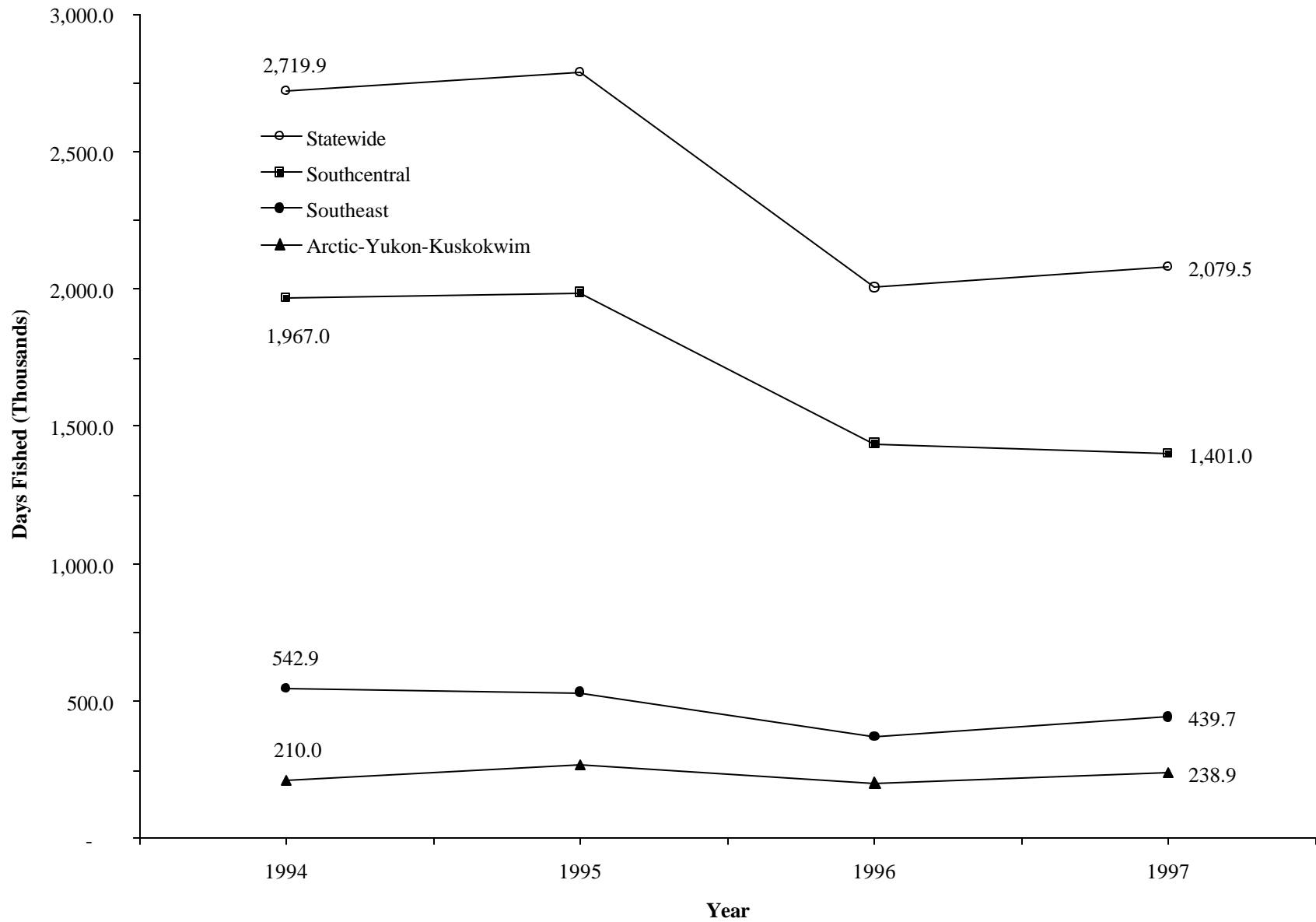
^a Statewide and regional angler totals do not equal regional or area sums because some anglers fished in more than one area and in more than one region.

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

Appendix A11.-Number of Alaska sport fishing trips by region and area, 1987-1997.

Area Fished	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Southeast											
Ketchikan	64,321	79,032	60,937	71,338	57,043	61,790	55,221	66,096	54,160	48,600	45,027
Prince of Wales Island	26,418	24,505	33,555	36,648	29,452	30,655	39,226	45,242	38,605	30,498	36,413
Kake, Petersburg, Wrangell, Stikine	31,218	33,610	34,154	50,101	33,879	44,836	35,267	44,823	37,723	25,259	25,930
Sitka	43,708	40,140	48,841	50,453	48,282	61,044	58,500	73,231	67,050	44,863	58,286
Juneau	111,498	98,490	100,382	93,184	91,035	122,282	97,322	108,370	116,579	77,493	82,392
Haines-Skagway	38,800	33,017	28,128	41,182	24,269	20,925	27,428	21,799	23,567	17,710	20,607
Glacier Bay	4,696	8,571	6,635	5,826	14,140	10,778	11,034	11,189	16,151	10,101	14,694
Yakutat	7,613	10,985	8,038	8,208	9,476	9,722	11,995	12,932	12,286	12,046	18,815
Total	328,272	328,350	320,670	356,940	307,576	362,032	335,993	383,682	366,121	266,570	302,164
Southcentral											
Upper Copper/Upper Susitna Drainages	35,351	34,071	36,765	32,760	39,559	39,600	47,561	48,612	56,001	35,056	
Prince William Sound	54,516	64,486	59,777	76,491	70,309	71,914	66,463	77,485	82,498	61,661	60,511
Knik Arm Drainage	122,815	161,172	127,650	121,973	114,089	110,233	93,841	111,100	96,517	68,913	71,018
Anchorage	113,490	120,108	102,826	118,977	103,157	132,220	133,643	129,932	158,523	111,809	114,997
East Susitna River Drainage	66,239	94,709	77,813	85,044	80,540	111,536	97,101	83,354	70,847	58,791	56,811
West Cook Inlet-West Susitna River Drainages	67,937	70,920	72,349	67,789	65,589	66,737	68,174	71,826	48,126	34,871	36,962
Kenai Peninsula	645,867	727,254	631,869	696,988	616,247	684,519	660,941	712,711	715,186	502,639	492,626
Kodiak	58,424	67,642	74,170	69,821	70,115	64,700	69,747	68,928	62,140	54,082	54,199
Naknek River Drainage-Alaska Peninsula	29,753	50,125	35,393	54,401	51,239	41,209	33,273	30,148	31,962	24,399	27,217
Kvichak River Drainage	12,366	7,954	12,034	16,983	18,912	18,308	23,726	21,692	21,042	14,439	16,997
Nushagak	6,916	8,108	10,335	13,034	17,000	15,080	17,548	21,145	20,954	16,165	16,311
Total ^a	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	947,649
Arctic-Yukon-Kuskokwim											
Upper Copper/Upper Susitna Drainages											30,951
Tanana River Drainages	141,436	150,869	135,400	131,831	113,247	94,265	126,733	118,052	154,458	117,911	91,122
Kuskokwim-Goodnews Drainages	7,419	6,035	7,946	5,263	6,731	6,078	6,046	6,865	7,175	6,365	10,462
Seward Peninsula-Norton Sound Drainages	7,666	14,078	13,289	12,986	18,091	14,843	14,044	12,798	14,677	11,240	9,678
Northwest Alaska Drainages	4,181	3,713	2,124	1,464	3,741	3,361	3,279	3,221	5,423	2,477	1,876
Yukon River Drainages	7,083	6,596	7,640	9,487	6,332	7,604	7,911	6,789	10,942	4,801	6,028
North Slope Brooks Range Drainages	4,098	3,096	3,152	2,521	4,084	3,783	3,395	4,308	3,549	3,000	3,032
Total ^a	171,883	184,387	169,551	163,552	152,226	129,934	161,408	152,033	196,224	145,794	153,149
Alaska Total	1,713,82	1,919,28	1,731,20	1,874,75	1,706,55	1,848,02	1,809,41	1,912,64	1,926,14	1,395,18	1,402,96

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.



Appendix A12.-Angler-days fished in Alaska, statewide and by region, 1994-1997.

Appendix A13.-Number of angler-days fished in Alaska and percentage by region and area, 1987-1997.

Area Fished	1987		1988		1989		1990		1991		1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Southeast												
Ketchikan	83,697	3.9	98,166	4.2	92,647	4.1	91,127	3.7	98,284	4.0	84,482	3.3
Prince of Wales Island	30,845	1.4	35,571	1.5	50,659	2.2	50,214	2.0	47,297	1.9	44,470	1.8
Take, Petersburg, Wrangell, Stikine	37,181	1.7	39,004	1.7	53,955	2.4	59,965	2.4	48,013	2.0	56,306	2.2
Sitka	45,583	2.1	48,680	2.1	59,230	2.6	61,906	2.5	68,193	2.8	78,281	3.1
Juneau	114,756	5.3	108,860	4.7	115,360	5.1	122,045	5.0	113,913	4.6	149,382	5.9
Haines-Skagway	46,011	2.1	40,169	1.7	48,018	2.1	56,746	2.3	39,624	1.6	25,896	1.0
Glacier Bay	7,178	0.3	9,276	0.4	8,895	0.4	7,857	0.3	21,965	0.9	15,279	0.6
Yakutat	14,476	0.7	18,067	0.8	12,142	0.5	12,685	0.5	17,062	0.7	14,496	0.6
Total	379,727	17.6	397,793	17.2	440,906	19.5	462,545	18.9	454,351	18.5	468,592	18.4
Southcentral												
Upper Copper/Upper Susitna Drainages	52,324	2.4	45,867	2.0	52,262	2.3	50,791	2.1	64,207	2.6	72,052	2.8
Prince William Sound	81,221	3.8	84,971	3.7	95,295	4.2	105,739	4.3	113,115	4.6	113,443	4.5
Knik Arm Drainage	140,167	6.5	183,029	7.9	146,912	6.5	142,884	5.8	146,605	6.0	141,825	5.6
Anchorage	115,145	5.3	114,823	5.0	107,613	4.8	125,849	5.1	117,780	4.8	141,571	5.6
East Susitna River Drainage	77,817	3.6	107,977	4.7	96,864	4.3	101,917	4.2	113,178	4.6	149,484	5.9
West Cook Inlet-W Susitna River	103,350	4.8	111,585	4.8	115,054	5.1	110,927	4.5	121,505	4.9	116,360	4.6
Kenai Peninsula	829,267	38.5	878,292	38.0	799,409	35.3	896,360	36.5	869,715	35.4	945,272	37.2
Kodiak	75,650	3.5	69,325	3.0	86,342	3.8	81,603	3.3	96,481	3.9	84,777	3.3
Naknek River Drainage-Alaska Peninsula	47,961	2.2	52,505	2.3	45,114	2.0	67,192	2.7	69,010	2.8	61,415	2.4
Kvichak River Drainage	18,578	0.9	10,788	0.5	17,854	0.8	30,857	1.3	28,553	1.2	34,876	1.4
Nushagak	14,570	0.7	20,777	0.9	20,828	0.9	30,991	1.3	41,906	1.7	28,855	1.1
Total ^a	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	1,889,930	74.4
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages												
Tanana River Drainages	155,346	7.2	173,706	7.5	185,715	8.2	184,887	7.5	155,662	6.3	120,848	4.8
Kuskokwim-Goodnews Drainages	17,856	0.8	23,494	1.0	16,457	0.7	15,858	0.6	13,055	0.5	14,404	0.6
Seward Peninsula-Norton Sound Drainages	21,413	1.0	20,278	0.9	17,692	0.8	21,799	0.9	23,622	1.0	22,684	0.9
Northwest Alaska Drainages	10,221	0.5	5,279	0.2	4,932	0.2	3,782	0.2	9,543	0.4	6,145	0.2
Yukon River Drainages	7,017	0.3	8,261	0.4	10,712	0.5	15,539	0.6	10,749	0.4	12,831	0.5
North Slope Brooks Range Drainages	5,256	0.2	2,541	0.1	4,118	0.2	3,764	0.2	7,291	0.3	4,940	0.2
Total ^a	217,109	10.1	233,559	10.1	239,626	10.6	245,629	10.0	219,922	9.0	181,852	7.2
Alaska Total	2,152,886	100.0	2,311,291	100.0	2,264,079	100.0	2,453,284	100.0	2,456,328	100.0	2,540,374	100.0

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Area Fished	1993		1994		1995		1996		1997	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Southeast										
Ketchikan	77,145	3.0	90,363	3.3	76,580	2.7	71,526	3.6	68,203	3.3
Prince of Wales Island	62,544	2.4	69,572	2.6	60,552	2.2	44,795	2.2	52,497	2.5
Kake, Petersburg, Wrangell, Stikine	47,382	1.9	63,584	2.3	52,755	1.9	32,718	1.6	37,994	1.8
Sitka	74,944	2.9	107,993	4.0	101,138	3.6	64,982	3.2	88,565	4.3
Juneau	133,896	5.2	137,856	5.1	161,241	5.8	96,907	4.8	109,718	5.3
Haines-Skagway	41,655	1.6	32,592	1.2	34,484	1.2	25,152	1.3	29,645	1.4
Glacier Bay	15,054	0.6	18,219	0.7	25,314	0.9	14,436	0.7	23,170	1.1
Yakutat	18,583	0.7	22,760	0.8	19,926	0.7	19,903	1.0	29,883	1.4
Total	471,203	18.4	542,939	20.0	531,990	19.1	370,419	18.5	439,675	21.1
Southcentral										
Upper Copper/Upper Susitna Drainages	77,870	3.0	85,520	3.1	102,951	3.7	64,407	3.2		
Prince William Sound	104,601	4.1	122,330	4.5	138,194	5.0	97,448	4.9	101,079	4.9
Knik Arm Drainage	118,214	4.6	143,372	5.3	126,154	4.5	90,990	4.5	95,730	4.6
Anchorage	143,492	5.6	142,277	5.2	176,401	6.3	126,325	6.3	139,549	6.7
East Susitna River Drainage	128,382	5.0	114,533	4.2	102,686	3.7	83,227	4.1	85,228	4.1
West Cook Inlet-W Susitna River	129,165	5.0	125,529	4.6	79,134	2.8	58,940	2.9	65,145	3.1
Kenai Peninsula	946,252	37.0	1,003,847	36.9	1,043,493	37.4	738,712	36.8	732,938	35.2
Kodiak	93,320	3.6	99,132	3.6	85,529	3.1	76,879	3.8	78,355	3.8
Naknek River Drainage-Alaska Peninsula	51,132	2.0	45,920	1.7	44,119	1.6	34,216	1.7	40,551	2.0
Kvichak River Drainage	41,697	1.6	39,141	1.4	44,463	1.6	26,578	1.3	32,205	1.5
Nushagak	33,108	1.3	45,384	1.7	42,415	1.5	37,221	1.9	30,203	1.5
Total^a	1,867,233	73.0	1,966,985	72.3	1,985,539	71.2	1,434,943	71.5	1,400,983	67.4
Arctic-Yukon-Kuskokwim										
Upper Copper/Upper Susitna Drainages									56,257	2.7
Tanana River Drainages	160,117	6.3	148,633	5.5	201,389	7.2	150,227	7.5	119,699	5.8
Kuskokwim-Goodnews Drainages	14,505	0.6	18,117	0.7	16,289	0.6	16,420	0.8	27,318	1.3
Seward Peninsula-Norton Sound Drainages	18,930	0.7	18,922	0.7	19,647	0.7	13,783	0.7	13,850	0.7
Northwest Alaska Drainages	7,809	0.3	6,036	0.2	8,495	0.3	5,571	0.3	3,729	0.2
Yukon River Drainages	14,011	0.5	12,872	0.5	18,677	0.7	10,678	0.5	12,725	0.6
North Slope Brooks Range Drainages	5,600	0.2	5,407	0.2	5,644	0.2	4,487	0.2	5,278	0.3
Total^a	220,972	8.6	209,987	7.7	270,141	9.7	201,166	10.0	238,856	11.5
Alaska Total	2,559,408	100.0	2,719,911	100.0	2,787,670	100.0	2,006,528	100.0	2,079,514	100.0

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A14.-Alaska sport fish harvest by species, 1987-1997, and catch by species, 1997.

Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	116,402	134,452	122,737	123,908	150,420	153,919	210,833	176,870	156,507	163,569	185,175	532,998
Sea-run Coho	235,435	281,450	338,195	325,936	389,569	345,513	412,487	502,127	368,631	555,196	444,525	758,786
Landlocked Coho/Chinook	46,754	57,679	46,697	37,831	51,799	46,843	54,182	41,744	22,326	54,442	31,678	80,867
Sockeye	478,243	291,067	436,871	239,118	327,047	372,752	283,661	251,605	237,230	319,174	318,839	596,554
Kokanee	2,966	2,461	2,727	2,071	6,276	2,478	4,203	747	209	76	202	1,108
Pink	119,070	156,759	164,778	205,602	151,316	149,372	124,582	144,140	122,314	167,804	111,671	453,268
Chum	20,787	44,029	34,647	14,525	18,209	17,299	20,519	21,877	26,646	38,565	31,348	181,915
OTHER SPECIES:												
Steelhead	5,914	6,288	6,387	5,645	5,109	3,149	3,818	2,346	1,037	412	334	22,965
Rainbow Trout	138,698	241,831	209,961	191,809	205,642	139,973	136,681	112,261	112,681	133,229	127,661	939,895
Cutthroat Trout	15,605	16,936	20,372	16,183	10,088	13,972	16,291	7,088	4,669	5,653	4,569	49,553
Brook Trout	298	1,273	887	450	477	1,026	762	481	274	223	167	767
Lake Trout	15,209	17,193	17,070	12,602	13,772	12,525	13,094	11,374	8,412	9,086	7,486	30,701
Dolly Varden/Arctic Char	129,495	150,502	136,127	132,553	142,594	97,071	100,428	73,533	69,657	89,089	81,576	586,119
Arctic Grayling	110,714	116,379	105,469	64,814	82,831	45,073	49,740	63,443	46,168	46,943	45,844	604,930
Northern Pike	19,079	23,440	21,659	15,985	29,611	18,616	19,366	25,558	19,006	23,043	16,603	79,382
Whitefish	32,602	20,312	24,337	15,595	6,828	6,738	4,223	4,454	2,863	2,047	4,223	9,532
Burbot	13,543	9,478	9,268	10,577	4,882	7,245	9,858	10,868	7,128	5,841	12,189	19,128
Sheefish	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	1,761	5,452
Smelt	264,696	210,145	207,826	194,068	111,834	148,540	61,495	106,127	52,905	60,867	77,491	80,464
Halibut	145,829	225,106	229,016	247,202	266,523	264,943	313,147	329,046	325,188	350,220	380,256	732,579
Shark	0	0	0	0	0	0	0	0	0	127	1,391	7,632
Rockfish	73,525	128,121	86,776	62,572	67,263	86,523	82,625	98,971	75,613	79,050	88,220	211,627
Lingcod	0	0	0	0	23,049	28,894	22,857	27,878	20,192	24,362	28,305	56,903
Pacific Cod	0	0	0	0	0	0	0	0	0	1,911	8,469	39,074
Razor Clams	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	850,003	986,615
Other Fish	94,088	83,365	71,791	75,564	36,598	31,511	31,290	18,612	28,178	11,610	13,034	36,628
Total	3,207,138	3,483,306	3,213,867	3,033,301	3,311,513	3,234,048	2,989,720	3,350,336	2,909,979	2,988,024	2,873,020	7,105,442

Appendix A15.-Alaska saltwater sport fish harvest by species, 1987-1997, and catch by species, 1997.

Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	33,510	44,647	44,366	63,997	73,662	62,290	82,064	67,325	74,945	78,838	97,093	201,917
Sea-run Coho	96,338	77,498	129,884	165,104	176,056	146,620	195,361	260,314	186,635	334,271	303,340	418,645
Landlocked Coho/Chinook	0	0	0	0	0	0	0	0	0	0	0	0
Sockeye	9,507	11,475	18,131	11,216	12,460	17,047	20,340	16,176	16,237	15,423	17,124	31,952
Kokanee	0	0	0	0	0	0	0	0	0	0	0	0
Pink	89,142	88,440	124,537	126,946	119,591	94,213	98,419	111,366	99,111	117,702	85,420	261,276
Chum	7,945	19,403	13,134	6,287	7,378	7,759	12,170	13,121	12,676	23,342	20,748	65,934
OTHER SPECIES:												
Steelhead	1,031	2,006	2,125	1,420	1,058	1,083	923	512	38	99	15	620
Rainbow Trout	0	0	0	0	0	0	0	0	0	0	0	0
Cutthroat Trout	2,122	1,962	1,897	1,128	1,410	2,259	2,662	1,518	581	894	798	3,946
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	25,102	39,948	32,273	32,929	30,481	19,896	19,618	13,999	13,727	16,570	18,419	60,777
Arctic Grayling	0	55	116	0	0	0	19	141	0	0	0	203
Northern Pike	0	0	0	0	0	0	0	0	0	0	0	0
Whitefish	61	36	408	17	0	18	9	46	0	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	813	0	568	0	0	779	398	382	290	73	277	277
Smelt	89,974	42,265	39,424	16,561	10,444	22,435	9,381	13,299	5,982	16,839	19,172	21,355
Halibut	145,829	225,106	229,016	247,202	266,523	264,943	313,147	329,046	325,188	350,220	380,256	732,579
Shark	0	0	0	0	0	0	0	0	0	127	1,391	7,632
Rockfish	73,525	128,121	86,776	62,572	67,263	86,523	82,625	98,971	75,613	79,050	88,220	211,627
Lingcod	0	0	0	0	23,049	28,894	22,857	27,878	20,192	24,362	28,305	56,903
Pacific Cod	0	0	0	0	0	0	0	0	0	1,911	8,469	39,074
Razor Clams	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	850,003	986,615
Other Fish	90,749	82,591	71,086	74,378	32,077	28,531	30,117	14,696	26,119	11,039	11,696	31,790
Total	1,791,237	2,025,372	1,711,704	1,847,698	2,028,972	2,020,430	1,902,069	2,286,465	2,057,279	1,914,743	1,930,746	3,133,122

Appendix A16.-Alaska freshwater sport fish harvest by species, 1987-1997, and catch by species, 1997.

Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	82,892	89,805	78,371	59,911	76,758	91,629	128,769	109,545	81,562	84,731	88,082	331,081
Sea-run Coho	139,097	203,952	208,311	160,832	213,513	198,893	217,126	241,813	181,996	220,925	141,185	340,141
Landlocked Coho/Chinook	46,754	57,679	46,697	37,831	51,799	46,843	54,182	41,744	22,326	54,442	31,678	80,867
Sockeye	468,736	279,592	418,740	227,902	314,587	355,705	263,321	235,429	220,993	303,751	301,715	564,602
Kokanee	2,966	2,461	2,727	2,071	6,276	2,478	4,203	747	209	76	202	1,108
Pink	29,928	68,319	40,241	78,656	31,725	55,159	26,163	32,774	23,203	50,102	26,251	191,992
Chum	12,842	24,626	21,513	8,238	10,831	9,540	8,349	8,756	13,970	15,223	10,600	115,981
OTHER SPECIES:												
Steelhead	4,883	4,282	4,262	4,225	4,051	2,066	2,895	1,834	999	313	319	22,345
Rainbow Trout	138,698	241,831	209,961	191,809	205,642	139,973	136,681	112,261	112,681	133,229	127,661	939,895
Cutthroat Trout	13,483	14,974	18,475	15,055	8,678	11,713	13,629	5,570	4,088	4,759	3,771	45,607
Brook Trout	298	1,273	887	450	477	1,026	762	481	274	223	167	767
Lake Trout	15,209	17,193	17,070	12,602	13,772	12,525	13,094	11,374	8,412	9,086	7,486	30,701
Dolly Varden/Arctic Char	104,393	110,554	103,854	99,624	112,113	77,175	80,810	59,534	55,930	72,519	63,157	525,342
Arctic Grayling	110,714	116,324	105,353	64,814	82,831	45,073	49,721	63,302	46,168	46,943	45,844	604,727
Northern Pike	19,079	23,440	21,659	15,985	29,611	18,616	19,366	25,558	19,006	23,043	16,603	79,382
Whitefish	32,541	20,276	23,929	15,578	6,828	6,720	4,214	4,408	2,863	2,047	4,223	9,532
Burbot	13,543	9,478	9,268	10,577	4,882	7,245	9,858	10,868	7,128	5,841	12,189	19,128
Sheefish	1,784	3,221	1,738	750	2,256	2,154	1,221	1,129	1,910	1,429	1,484	5,175
Smelt	174,722	167,880	168,402	177,507	101,390	126,105	52,114	92,828	46,923	44,028	58,319	59,109
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	3,339	774	705	1,186	4,521	2,980	1,173	3,916	2,059	571	1,338	4,838
Total	1,415,901	1,457,934	1,502,163	1,185,603	1,282,541	1,213,618	1,087,651	1,063,871	852,700	1,073,281	942,274	3,972,320

Appendix A17.-Southeast Alaska sport fish harvest by species, 1987-1997, and catch by species, 1997.

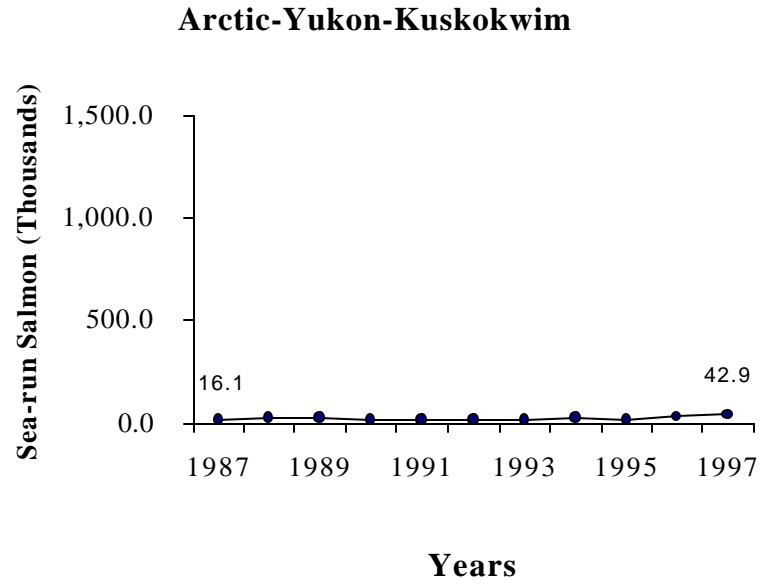
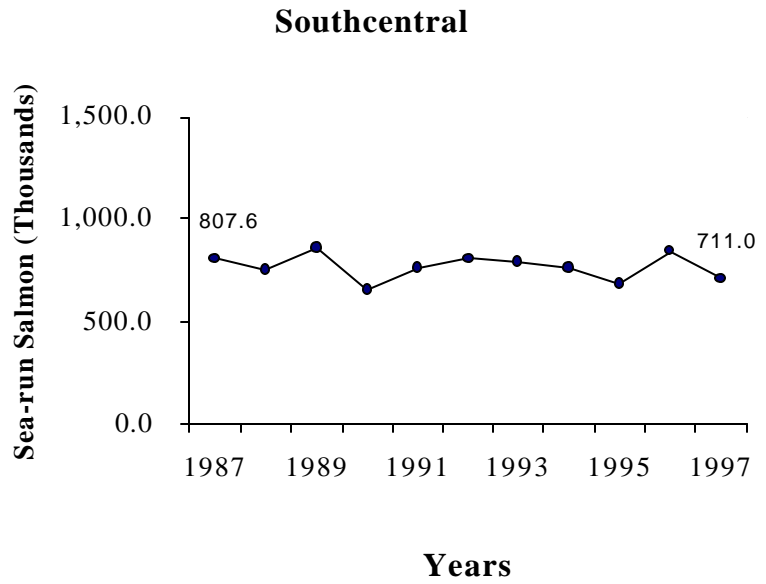
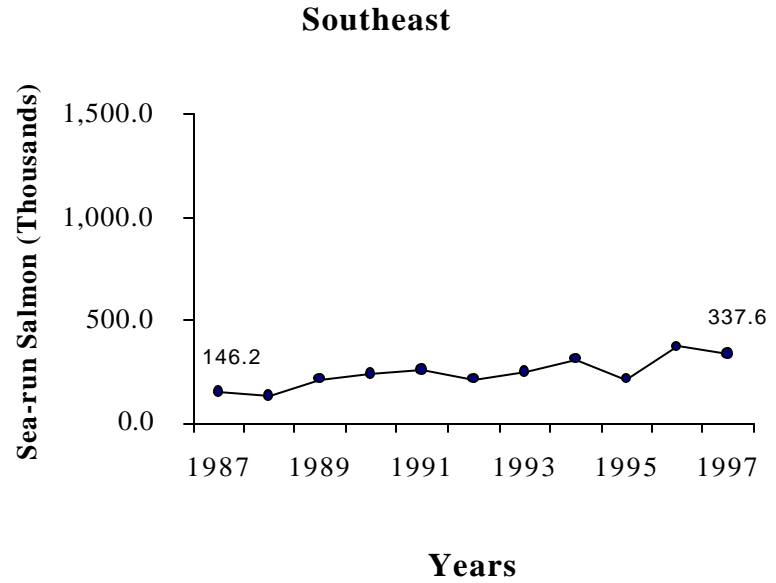
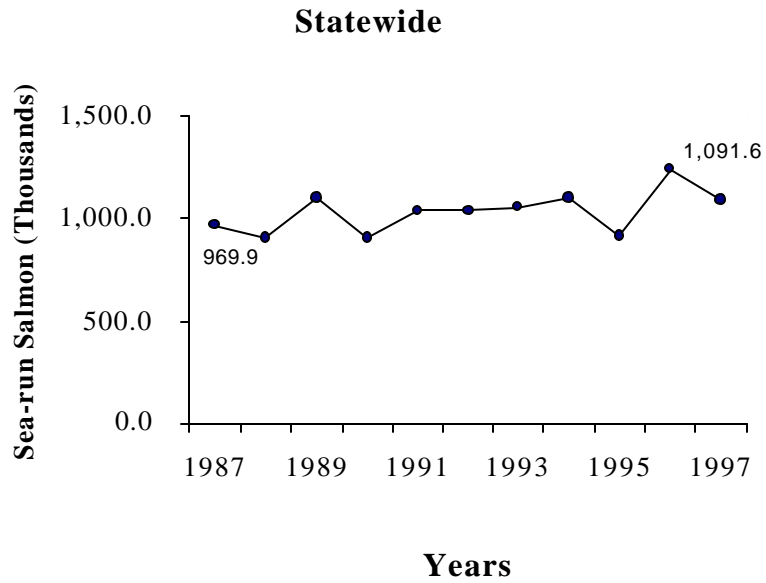
Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	24,324	26,160	31,071	51,218	60,492	42,892	49,246	42,365	49,667	57,509	71,524	164,931
Sea-run Coho	50,284	43,688	90,789	105,212	123,946	99,939	121,874	191,860	97,128	193,758	163,202	227,289
Landlocked Coho/Chinook	0	728	528	413	1,222	1,536	1,454	717	48	36	195	350
Sockeye	9,374	7,711	13,114	9,848	9,715	9,318	17,419	13,023	13,491	15,709	21,273	40,818
Kokanee	385	474	520	99	362	769	206	60	0	76	29	912
Pink	57,060	45,023	70,822	65,208	57,859	54,101	51,436	52,263	42,958	85,059	62,549	207,954
Chum	5,207	9,913	8,932	4,962	5,593	6,041	9,380	11,561	11,438	20,196	19,059	63,497
OTHER SPECIES:												
Steelhead	4,677	4,309	5,409	4,274	4,632	2,439	1,249	685	233	159	243	14,874
Rainbow Trout	4,885	5,927	7,085	4,204	5,352	4,292	4,190	2,178	1,655	1,911	2,126	27,476
Cutthroat Trout	14,247	16,317	18,861	15,660	9,672	12,957	15,351	6,476	4,547	4,946	3,927	45,438
Brook Trout	298	1,273	887	450	477	1,026	762	481	274	223	167	767
Lake Trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic Char	46,721	59,371	51,636	48,300	45,954	26,238	26,893	18,558	17,723	22,447	21,722	101,823
Arctic Grayling	742	527	214	368	81	512	95	77	9	303	0	459
Northern Pike	18	18	42	0	136	0	0	0	0	0	0	0
Whitefish	0	91	61	16	60	18	0	0	0	0	4	4
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	60,412	6,869	4,564	3,678	6,202	36,940	2,374	2,797	904	1,284	4,478	6,051
Halibut	44,347	56,580	74,304	66,490	74,038	71,861	87,779	92,317	91,778	98,133	109,312	186,380
Rockfish	42,261	56,839	39,504	25,959	26,828	31,213	32,030	44,406	34,347	32,886	40,088	111,417
Lingcod	0	0	0	0	9,758	13,193	14,969	20,069	13,103	16,409	18,032	27,147
Razor Clams	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	141	141
Other Fish	53,650	32,800	17,579	20,167	14,204	8,892	13,237	7,200	13,533	3,580	5,760	14,625
Total	421,041	377,902	441,026	430,954	457,201	426,622	450,945	508,021	394,840	554,852	543,831	1,242,353

Appendix A18.-Southcentral Alaska sport fish harvest by species, 1987-1997, and catch by species, 1997.

Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	89,885	104,474	88,253	70,885	87,965	109,338	157,623	129,476	102,549	98,983	98,680	294,010
Sea-run Coho	176,710	225,812	237,155	214,114	254,961	237,204	283,868	299,849	263,749	347,567	269,996	488,292
Landlocked Coho/Chinook	20,130	24,609	27,555	23,475	28,452	31,288	36,994	30,677	14,080	40,766	24,328	58,262
Sockeye	467,505	281,828	423,301	228,452	316,701	363,056	265,517	237,670	223,358	302,678	284,062	522,853
Kokanee	2,581	1,987	2,207	1,972	5,729	1,525	3,997	687	209	0	173	196
Pink	60,688	107,877	90,191	132,400	91,592	86,837	70,869	84,649	78,374	76,247	47,589	236,557
Chum	12,812	30,424	19,833	7,417	9,458	8,265	8,693	7,556	12,864	14,413	10,693	97,083
OTHER SPECIES:												
Steelhead	1,237	1,979	978	1,371	477	710	2,569	1,661	804	253	91	7,965
Rainbow Trout	101,397	155,960	127,444	122,987	127,492	97,730	82,312	76,384	74,972	81,814	87,554	729,459
Cutthroat Trout	1,358	619	1,511	523	416	1,015	940	612	122	707	642	4,115
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	14,096	14,463	13,465	10,859	10,739	10,334	10,496	9,543	7,080	7,880	4,197	13,964
Dolly Varden/Arctic Char	70,405	78,984	70,219	75,992	76,869	63,371	59,722	45,256	43,073	54,229	46,468	352,184
Arctic Grayling	52,016	46,891	33,618	26,940	30,396	22,257	23,786	30,249	22,874	21,649	11,876	168,323
Northern Pike	4,839	3,598	4,434	3,655	8,704	7,314	7,131	5,800	5,323	10,503	10,489	34,878
Whitefish	5,443	6,591	5,344	7,878	3,832	2,867	2,480	3,000	1,867	1,215	1,380	3,432
Burbot	9,526	5,600	4,374	5,094	1,827	2,992	3,392	5,165	1,853	2,030	3,575	6,614
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	197,204	200,800	200,838	188,681	103,814	109,599	55,421	95,824	50,735	57,010	70,185	71,342
Halibut	101,446	168,526	154,712	180,568	192,485	193,049	225,314	236,609	233,389	251,746	270,775	546,005
Shark	0	0	0	0	0	0	0	0	0	127	1,391	7,632
Rockfish	31,264	71,282	47,272	36,613	40,435	55,310	50,595	54,565	41,266	46,164	48,132	100,210
Lingcod	0	0	0	0	13,291	15,701	7,888	7,809	7,089	7,953	10,273	29,756
Pacific Cod	0	0	0	0	0	0	0	0	0	1,911	8,469	39,074
Razor Clams	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	849,862	986,474
Other Fish	40,438	50,194	53,841	54,783	20,611	21,483	16,659	9,851	13,095	7,239	6,809	20,078
Total	2,584,420	2,841,033	2,519,404	2,428,172	2,633,148	2,675,940	2,387,224	2,689,639	2,396,666	2,276,839	2,167,689	4,818,758

Appendix A19.-Arctic-Yukon-Kuskokwim Alaska sport fish harvest by species, 1987-1997, and catch by species, 1997.

Species	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
SALMON SPECIES:												
Chinook	2,193	3,818	3,413	1,805	1,963	1,689	3,964	5,029	4,291	7,077	14,971	74,057
Sea-run Coho	8,441	11,950	10,251	6,610	10,662	8,370	6,745	10,418	7,754	13,871	11,327	43,205
Landlocked Coho/Chinook	26,624	32,342	18,614	13,943	22,125	14,019	15,734	10,350	8,198	13,640	7,155	22,255
Sockeye	1,364	1,528	456	818	631	378	725	912	381	787	13,504	32,883
Kokanee	0	0	0	0	185	184	0	0	0	0	0	0
Pink	1,322	3,859	3,765	7,994	1,865	8,434	2,277	7,228	982	6,498	1,533	8,757
Chum	2,768	3,692	5,882	2,146	3,158	2,993	2,446	2,760	2,344	3,956	1,596	21,335
OTHER SPECIES:												
Steelhead	0	0	0	0	0	0	0	0	0	0	0	126
Rainbow Trout	32,416	79,944	75,432	64,618	72,798	37,951	50,179	33,699	36,054	49,504	37,981	182,960
Cutthroat Trout	0	0	0	0	0	0	0	0	0	0	0	0
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	1,113	2,730	3,605	1,743	3,033	2,191	2,598	1,831	1,332	1,206	3,289	16,737
Dolly Varden/Arctic Char	12,369	12,147	14,272	8,261	19,771	7,462	13,813	9,719	8,861	12,413	13,386	132,112
Arctic Grayling	57,956	68,961	71,637	37,506	52,354	22,304	25,859	33,117	23,285	24,991	33,968	436,148
Northern Pike	14,222	19,824	17,183	12,330	20,771	11,302	12,235	19,758	13,683	12,540	6,114	44,504
Whitefish	27,159	13,630	18,932	7,701	2,936	3,853	1,743	1,454	996	832	2,839	6,096
Burbot	4,017	3,878	4,894	5,483	3,055	4,253	6,466	5,703	5,275	3,811	8,614	12,514
Sheefish	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	1,761	5,452
Smelt	7,080	2,476	2,424	1,709	1,818	2,001	3,700	7,506	1,266	2,573	2,828	3,071
Halibut	36	0	0	144	0	33	54	120	21	341	169	194
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	0	371	371	614	1,783	1,136	1,394	1,561	1,550	791	465	1,925
Total	201,677	264,371	253,437	174,175	221,164	131,486	151,551	152,676	118,473	156,333	161,500	1,044,331

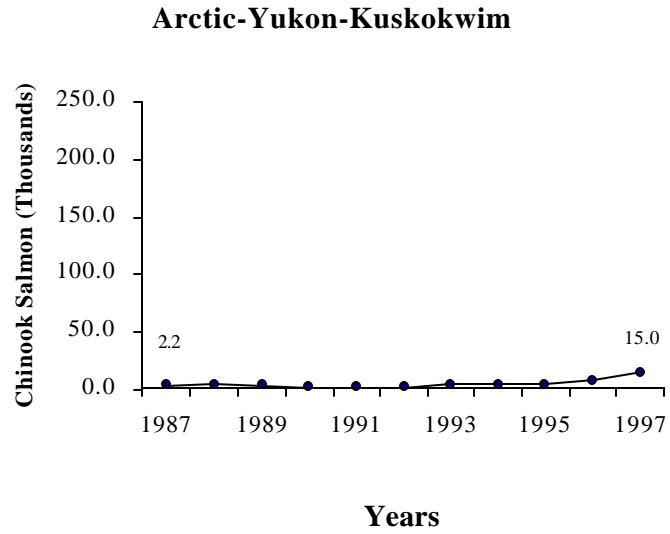
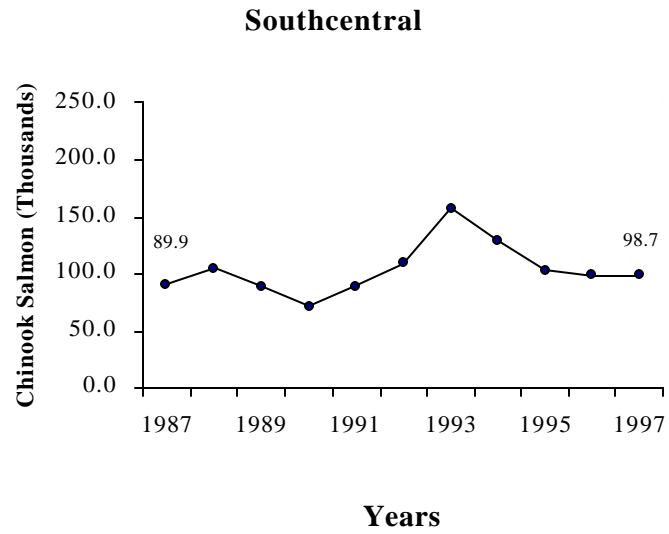
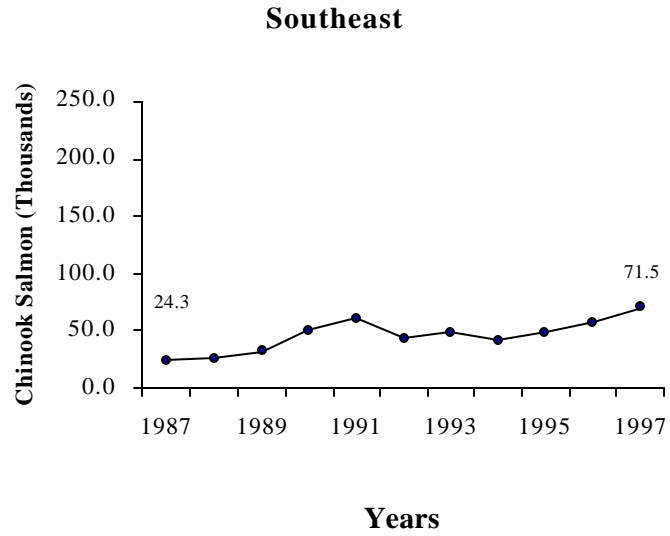
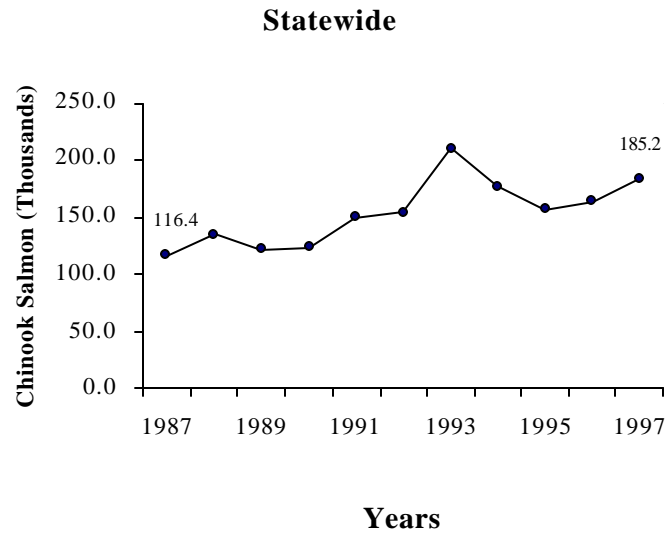


Appendix A20.-Alaska sport sea-run salmon harvests, statewide and by region, 1987-1997.

Appendix A21.-Alaska sport sea-run salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	35,550	30,594	49,120	65,233	64,338	51,117	48,077	60,424	43,432	102,822	65,922	115,257
Prince of Wales Island	14,651	9,344	32,008	29,096	38,123	23,446	68,302	41,238	34,830	80,781	61,371	120,874
Kake, Petersburg, Wrangell, Stikine	8,862	8,176	11,339	19,664	15,836	14,225	12,676	20,047	12,967	14,218	12,544	24,884
Sitka	9,301	13,452	21,243	21,038	30,376	23,898	34,522	63,615	42,649	75,015	81,630	167,272
Juneau	57,453	51,411	75,647	71,887	75,939	77,599	58,745	95,097	56,777	62,392	63,904	147,734
Haines-Skagway	12,357	11,084	8,373	22,368	9,220	8,708	5,600	8,639	4,690	7,179	7,238	21,119
Glacier Bay	2,544	3,456	6,015	2,822	13,788	4,939	6,474	9,414	6,420	8,113	13,432	28,775
Yakutat	5,531	4,978	10,983	4,340	9,985	8,359	14,959	12,598	12,917	21,711	31,566	78,574
Total	146,249	132,495	214,728	236,448	257,605	212,291	249,355	311,072	214,682	372,231	337,607	704,489
Southcentral												
Upper Copper/Upper Susitna Drainages	7,507	4,891	6,883	5,871	10,464	9,085	13,754	13,173	12,937	21,159		
Prince William Sound	55,710	63,195	72,292	81,710	77,964	67,708	66,159	92,110	99,860	100,589	85,964	205,180
Knik Arm Drainage	40,508	58,177	43,025	28,768	31,456	36,686	46,406	39,915	31,230	33,402	19,576	35,263
Anchorage	7,692	13,540	8,864	8,436	8,657	18,659	25,663	20,403	21,240	26,604	27,308	49,144
East Susitna River Drainage	26,928	42,247	36,254	29,501	35,410	66,508	58,309	42,520	36,264	44,570	32,466	121,957
West Cook Inlet-West Susitna River	38,546	49,540	53,873	44,000	57,015	49,052	55,547	41,053	40,515	44,199	30,475	101,214
Kenai Peninsula	557,213	422,275	512,243	362,912	450,156	482,681	423,540	421,335	357,452	483,852	429,083	716,776
Kodiak	33,681	47,185	46,103	28,435	38,539	28,654	47,010	33,700	36,759	37,204	42,480	192,059
Naknek River Drainage-Alaska Peninsula	20,795	35,928	34,262	42,404	23,294	21,220	15,541	16,881	14,944	18,758	18,714	66,379
Kvichak River Drainage	11,348	5,573	29,285	13,382	16,730	14,886	23,906	19,839	20,089	11,728	13,849	69,496
Nushagak	7,672	7,864	15,649	7,849	10,992	9,561	10,735	18,271	9,604	17,823	11,105	81,327
Total ^a	807,600	750,415	858,733	653,268	760,677	804,700	786,570	759,200	680,894	839,888	711,020	1,638,79
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											20,735	54,788
Tanana River Drainages	2,353	3,581	3,693	2,213	3,563	1,923	2,222	3,296	4,589	6,979	3,638	14,169
Kuskokwim-Goodnews Drainages	6,893	9,422	9,124	3,971	3,770	4,414	5,203	7,772	4,847	9,232	10,415	86,804
Seward Peninsula-Norton Sound Drainages	5,976	10,715	9,587	12,439	9,594	13,406	7,329	13,752	5,569	14,685	7,265	22,092
Northwest Alaska Drainages	529	254	51	0	150	521	452	299	359	626	272	742
Yukon River Drainages	287	820	1,312	750	1,202	1,567	934	1,228	388	656	606	1,633
North Slope Brooks Range Drainages	50	55	0	0	0	33	17	0	0	11	0	9
Total ^a	16,088	24,847	23,767	19,373	18,279	21,864	16,157	26,347	15,752	32,189	42,931	180,237
Alaska Total	969,937	907,757	1,097,22	909,089	1,036,56	1,038,85	1,052,08	1,096,61	911,328	1,244,30	1,091,55	2,523,52

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

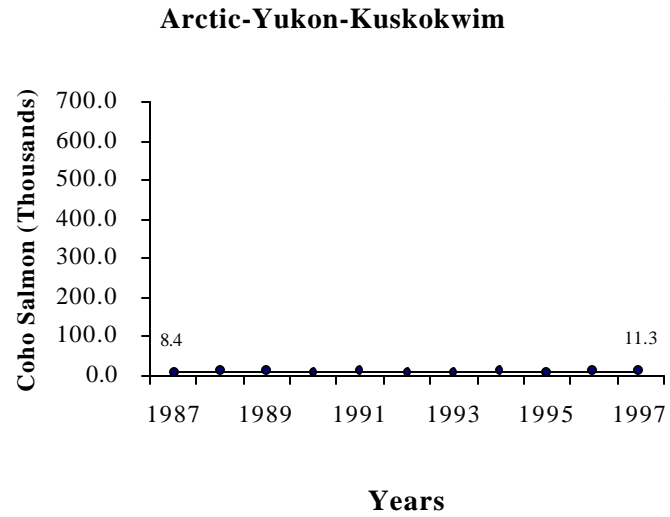
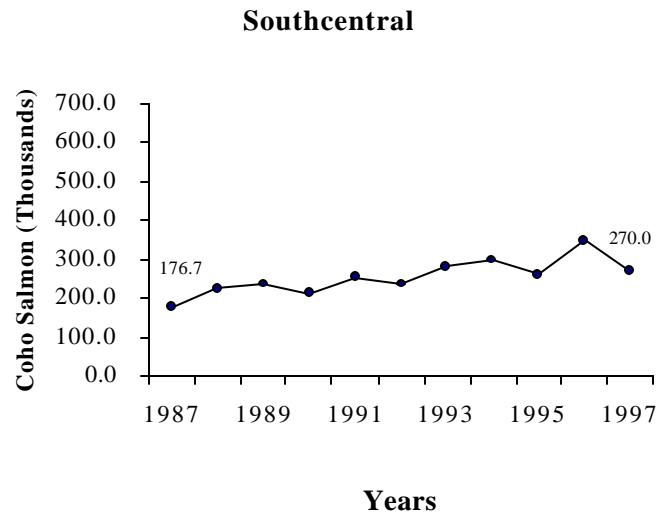
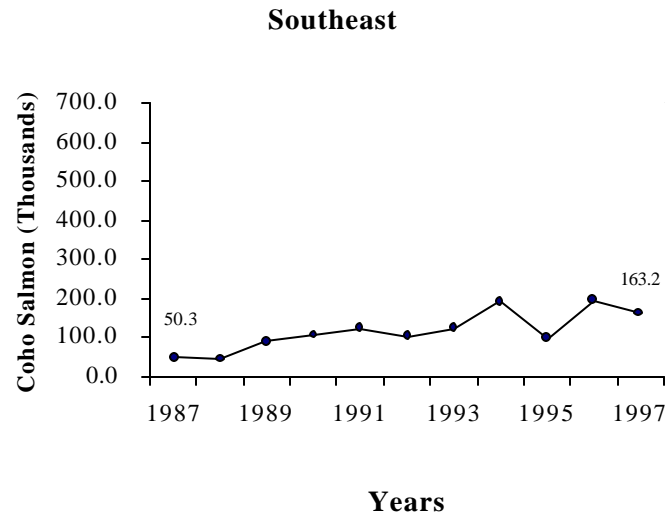
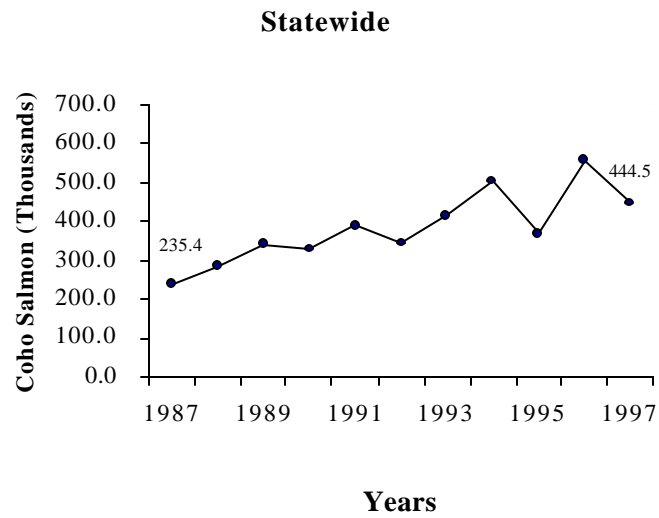


Appendix A22.-Alaska sport sea-run chinook salmon harvests, statewide and by region, 1987-1997.

Appendix A23.-Alaska sport sea-run chinook salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	5,826	7,422	7,642	12,784	11,887	8,010	6,028	5,448	3,543	5,437	5,257	16,865
Prince of Wales Island	649	1,135	2,599	5,564	6,749	4,381	8,367	7,006	9,063	6,833	7,830	16,793
Kake, Petersburg, Wrangell, Stikine	3,534	4,668	4,702	10,185	8,011	5,746	6,132	4,217	4,085	5,039	6,299	12,578
Sitka	2,537	3,539	5,569	8,041	13,243	11,139	13,464	12,263	17,342	19,743	28,986	69,125
Juneau	9,857	7,884	9,375	12,349	16,914	11,886	13,118	11,407	11,428	14,684	15,521	31,914
Haines-Skagway	1,419	789	758	1,809	679	181	844	636	1,243	777	1,609	4,473
Glacier Bay	258	438	344	369	2,385	1,071	716	576	895	1,384	3,093	6,361
Yakutat	244	285	82	117	624	478	577	812	2,068	3,612	2,929	6,822
Total	24,324	26,160	31,071	51,218	60,492	42,892	49,246	42,365	49,667	57,509	71,524	164,931
Southcentral												
Upper Copper/Upper Susitna Drainages	2,301	1,562	2,356	2,302	4,884	4,412	8,217	6,431	6,709	9,116		
Prince William Sound	865	443	1,093	418	477	1,116	1,344	1,724	977	2,027	2,703	4,420
Knik Arm Drainage	2,476	2,916	4,341	2,022	2,277	3,969	3,602	4,303	1,707	1,579	2,938	6,668
Anchorage	485	663	950	457	1,169	2,448	3,041	2,708	4,054	4,456	4,616	9,799
East Susitna River Drainage	8,603	9,139	9,783	9,423	9,083	21,307	22,688	14,970	7,872	11,023	10,989	38,937
West Cook Inlet-West Susitna River Drainages	15,186	17,940	22,415	19,568	22,762	20,035	23,354	12,231	7,300	7,429	9,197	37,055
Kenai Peninsula	42,336	60,033	34,934	27,314	33,622	43,519	78,407	65,092	59,319	47,133	51,011	102,916
Kodiak	379	1,564	1,087	996	2,508	2,217	5,092	3,166	2,622	4,631	5,691	23,610
Naknek River Drainage-Alaska Peninsula	10,227	6,654	4,706	3,736	3,546	3,728	3,471	5,197	4,688	3,891	5,552	16,859
Kvichak River Drainage	2,214	93	2,143	683	900	1,249	1,906	1,308	1,293	1,145	1,112	6,313
Nushagak	4,813	3,467	4,445	3,966	6,737	5,338	6,501	12,346	6,008	6,553	4,871	47,433
Total ^a	89,885	104,474	88,253	70,885	87,965	109,338	157,623	129,476	102,549	98,983	98,680	294,010
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											8,346	27,760
Tanana River Drainages	502	853	963	439	630	118	1,573	1,871	2,488	3,745	1,953	7,117
Kuskokwim-Goodnews Drainages	981	2,456	2,147	897	786	1,046	1,674	2,148	1,328	2,542	3,345	32,990
Seward Peninsula-Norton Sound Drainages	615	400	203	364	404	204	595	600	438	662	1,106	5,517
Northwest Alaska Drainages	95	18	0	0	0	8	0	0	0	0	0	0
Yukon River Drainages	0	91	100	105	143	313	122	410	37	128	221	673
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total ^a	2,193	3,818	3,413	1,805	1,963	1,689	3,964	5,029	4,291	7,077	14,971	74,057
Alaska Total	116,402	134,452	122,737	123,908	150,420	153,919	210,833	176,870	156,507	163,569	185,175	532,998

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

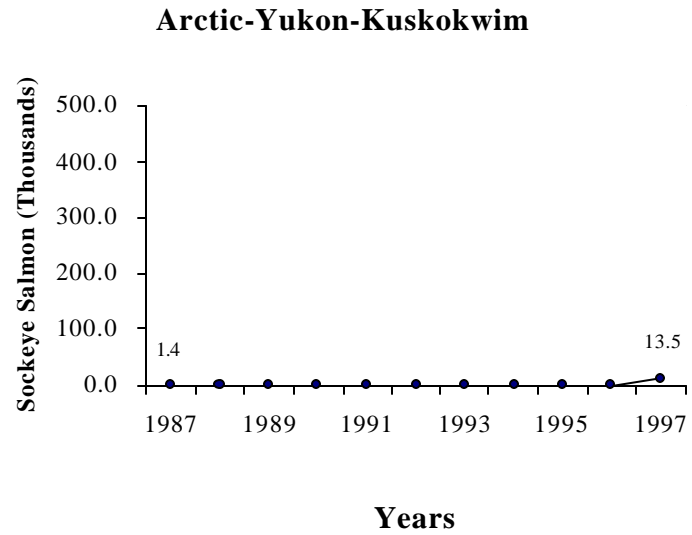
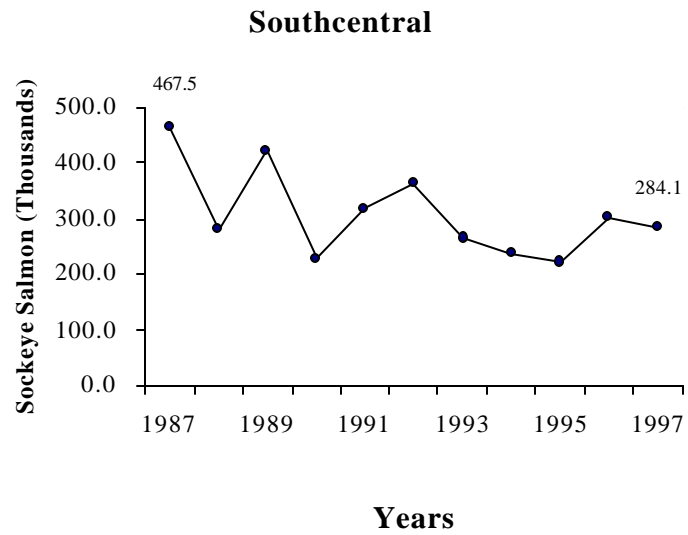
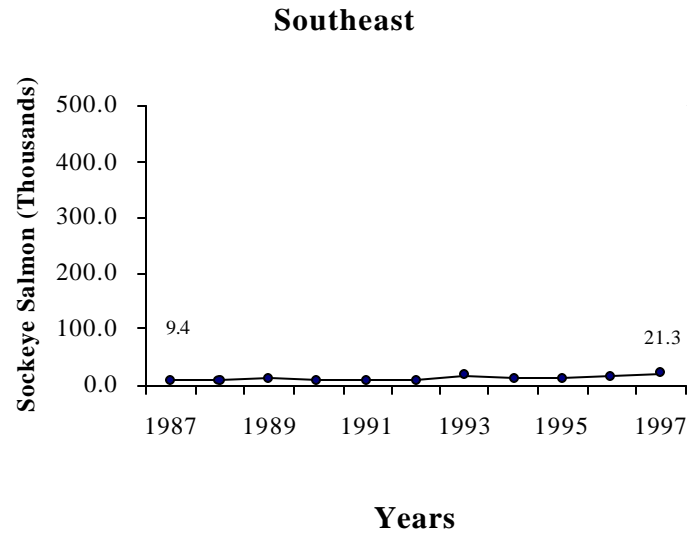
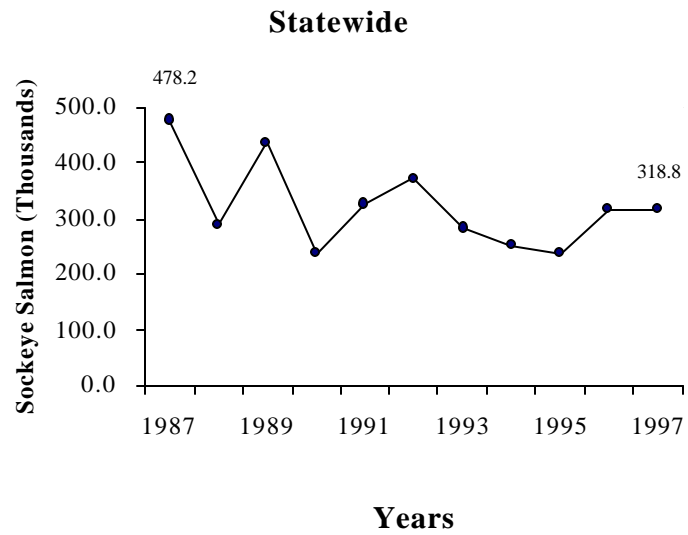


Appendix A24.-Alaska sport sea-run coho salmon harvests, statewide and by region, 1987-1997.

Appendix A25.-Alaska sport sea-run coho salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	13,435	7,785	13,328	35,197	26,839	22,016	19,459	34,755	16,583	47,911	32,498	39,211
Prince of Wales Island	6,557	3,094	15,099	17,049	24,964	13,419	40,566	26,411	16,645	53,792	38,210	50,672
Kake, Petersburg, Wrangell, Stikine	2,540	2,581	2,602	5,387	5,117	4,967	4,241	14,008	5,811	6,640	3,338	4,643
Sitka	2,715	2,745	8,291	7,808	11,474	9,167	14,518	42,878	16,614	35,892	37,953	51,136
Juneau	19,485	20,862	39,063	33,961	40,269	40,170	30,428	57,127	30,396	32,472	27,392	33,286
Haines-Skagway	1,521	1,673	2,047	1,498	3,678	3,067	3,133	1,996	2,097	1,821	1,850	3,999
Glacier Bay	1,044	1,345	2,376	1,746	5,653	1,507	2,720	6,811	2,976	4,667	5,955	10,570
Yakutat	2,987	3,603	7,983	2,566	5,952	5,626	6,809	7,874	6,006	10,563	16,006	33,772
Total	50,284	43,688	90,789	105,212	123,946	99,939	121,874	191,860	97,128	193,758	163,202	227,289
Southcentral												
Upper Copper/Upper Susitna Drainages	330	291	18	0	69	113	249	209	160	192		
Prince William Sound	16,680	19,262	25,631	26,639	19,783	25,259	21,793	30,573	47,116	59,934	49,145	88,469
Knik Arm Drainage	25,787	40,037	23,846	18,762	22,186	25,814	35,763	28,539	20,650	24,874	11,773	17,700
Anchorage	2,915	6,639	4,734	2,488	4,393	5,698	16,387	13,948	13,267	17,795	20,578	30,192
East Susitna River Drainage	11,028	19,518	17,078	11,743	19,479	33,790	26,063	20,870	19,165	24,174	10,297	18,524
West Cook Inlet-West Susitna River Drainages	17,982	23,740	26,725	20,219	29,518	23,748	26,712	23,169	28,420	31,315	14,055	31,748
Kenai Peninsula	76,106	87,238	104,026	107,519	132,765	100,848	130,207	158,618	113,870	154,686	129,095	192,765
Kodiak	16,915	18,809	19,802	13,728	17,506	13,668	21,241	12,406	13,236	16,033	22,996	70,850
Naknek River Drainage-Alaska Peninsula	5,670	7,089	7,850	10,276	6,025	6,124	3,253	7,053	4,680	9,880	8,046	19,752
Kvichak River Drainage	1,695	1,022	2,142	1,162	1,510	655	1,519	1,863	1,396	2,249	2,077	7,669
Nushagak	1,602	2,167	5,303	1,578	1,727	1,487	681	2,601	1,789	6,435	1,934	10,623
Total ^a	176,710	225,812	237,155	214,114	254,961	237,204	283,868	299,849	263,749	347,567	269,996	488,292
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											96	304
Tanana River Drainages	1,231	2,237	1,596	1,719	2,345	1,115	278	1,165	1,116	1,354	1,229	5,302
Kuskokwim-Goodnews Drainages	4,819	4,492	4,282	1,358	2,087	2,033	2,056	2,978	2,771	4,756	5,430	29,726
Seward Peninsula-Norton Sound Drainages	2,319	5,038	4,158	3,305	5,800	4,671	3,783	5,547	3,705	7,289	4,393	7,487
Northwest Alaska Drainages	11	0	0	0	0	0	9	0	0	40	0	0
Yukon River Drainages	61	183	215	228	430	551	619	728	162	432	179	386
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total ^a	8,441	11,950	10,251	6,610	10,662	8,370	6,745	10,418	7,754	13,871	11,327	43,205
Alaska Total	235,435	281,450	338,195	325,936	389,569	345,513	412,487	502,127	368,631	555,196	444,525	758,786

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.



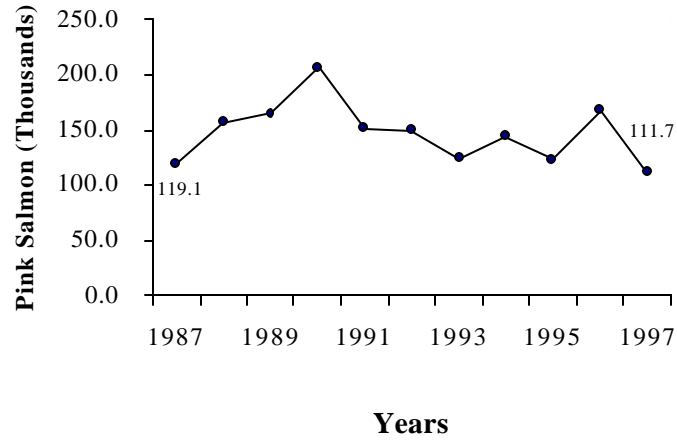
Appendix A26.-Alaska sport sockeye salmon harvests, statewide and by region, 1987-1997.

Appendix A27.-Alaska sport sockeye salmon harvests, 1987-1997, and catch, 1997, by region and area.

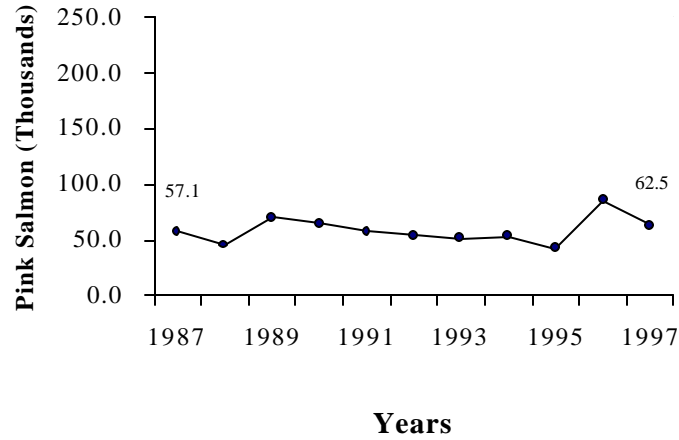
Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	1,135	327	1,010	1,134	2,480	1,313	1,057	2,317	1,577	1,745	1,687	2,234
Prince of Wales Island	2,333	1,729	3,332	1,402	1,021	1,740	3,591	2,186	1,979	1,765	2,891	4,565
Kake, Petersburg, Wrangell, Stikine	111	163	1,001	488	612	1,133	1,208	521	1,071	690	1,474	1,939
Sitka	447	3,147	2,148	1,344	810	434	1,126	2,138	1,579	3,041	3,509	6,207
Juneau	321	436	1,461	974	1,017	985	2,530	1,419	1,958	1,106	1,956	6,738
Haines-Skagway	2,970	672	1,692	3,062	1,272	1,436	538	538	506	902	784	1,191
Glacier Bay	264	510	216	21	132	379	314	93	696	327	535	2,600
Yakutat	1,793	727	2,254	1,423	2,371	1,898	7,055	3,811	4,125	6,133	8,437	15,344
Total	9,374	7,711	13,114	9,848	9,715	9,318	17,419	13,023	13,491	15,709	21,273	40,818
Southcentral												
Upper Copper/Upper Susitna Drainages	4,876	3,038	4,509	3,569	5,511	4,560	5,288	6,533	6,068	11,851		
Prince William Sound	4,889	4,783	3,939	3,562	3,792	8,358	5,269	6,948	3,711	5,496	5,086	10,654
Knik Arm Drainage	8,785	8,076	9,040	6,588	4,968	5,349	5,926	5,082	4,349	4,307	4,095	6,039
Anchorage	1,431	472	564	244	749	1,315	3,085	1,594	381	884	1,023	2,445
East Susitna River Drainage	2,046	2,857	2,527	2,677	2,897	3,468	4,137	3,443	3,682	2,675	5,851	11,998
West Cook Inlet-West Susitna River Drainages	2,916	3,640	3,009	2,634	3,887	3,367	4,577	4,011	3,722	4,340	5,283	15,843
Kenai Peninsula	427,856	242,557	354,981	185,711	270,424	312,302	201,909	176,462	171,850	251,963	237,981	373,883
Kodiak	4,165	6,222	6,789	6,056	4,937	6,240	7,849	12,502	7,994	7,848	7,938	31,739
Naknek River Drainage-Alaska Peninsula	2,391	4,920	9,515	4,754	4,225	4,699	5,060	3,169	3,817	3,246	3,384	17,592
Kvichak River Drainage	7,193	4,334	24,295	11,002	13,341	11,746	19,671	16,223	16,808	7,318	10,315	38,485
Nushagak	957	929	4,133	1,655	1,970	1,652	2,746	1,703	976	2,750	3,106	14,175
Total ^a	467,505	281,828	423,301	228,452	316,701	363,056	265,517	237,670	223,358	302,678	284,062	522,853
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											12,293	26,724
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	419	746	291	620	214	189	715	894	277	687	1,181	5,824
Seward Peninsula-Norton Sound Drainages	924	782	165	198	237	131	10	18	104	100	30	305
Northwest Alaska Drainages	21	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	180	58	0	0	0	0	0	30
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total ^a	1,364	1,528	456	818	631	378	725	912	381	787	13,504	32,883
Alaska Total	478,243	291,067	436,871	239,118	327,047	372,752	283,661	251,605	237,230	319,174	318,839	596,554

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

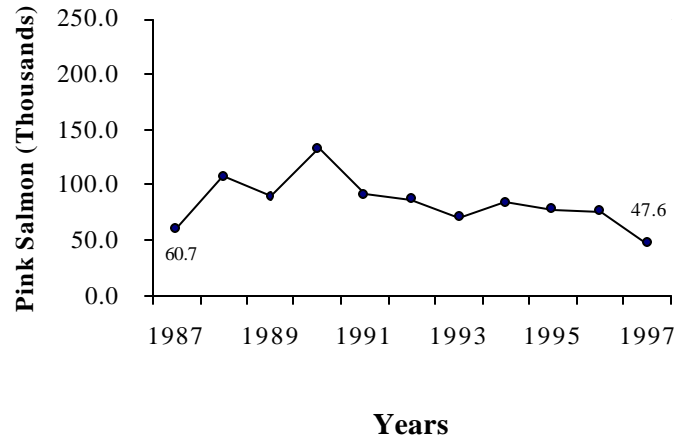
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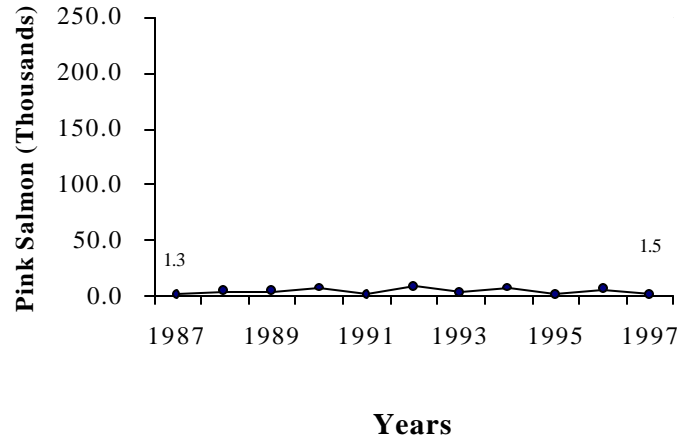
Southeast



Southcentral



Arctic-Yukon-Kuskokwim

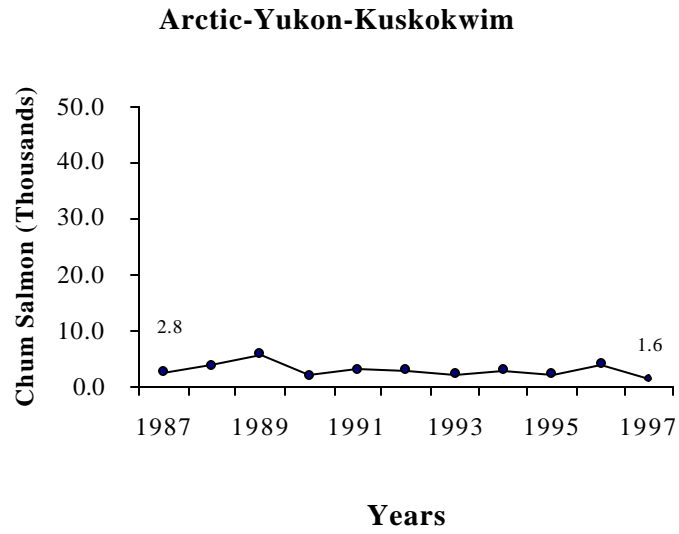
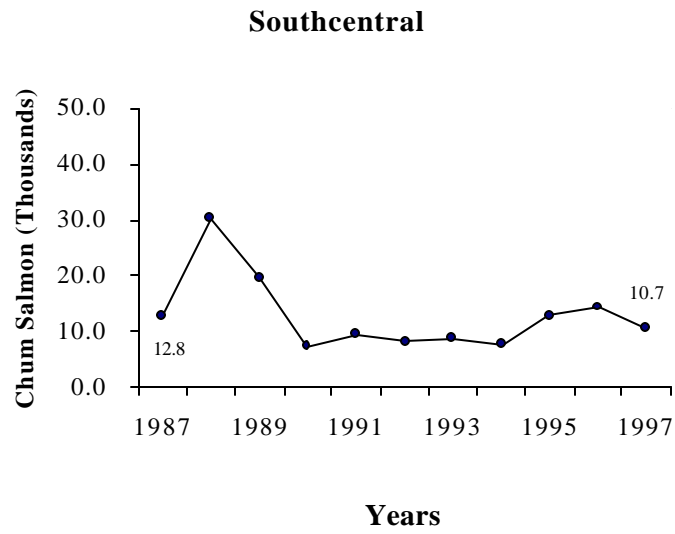
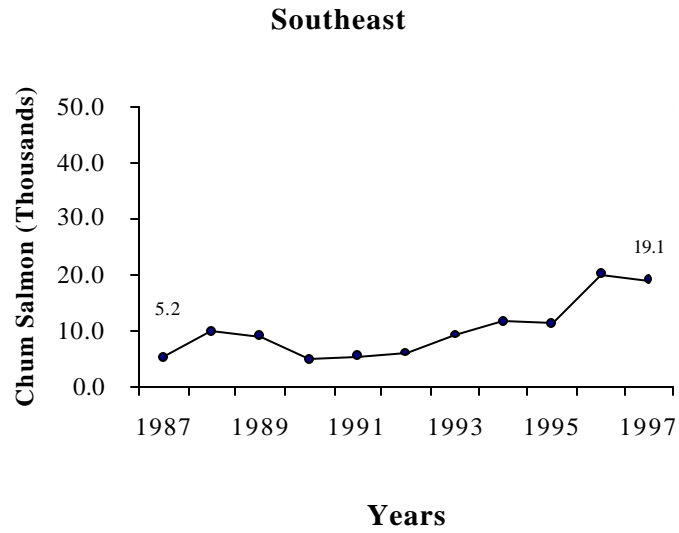
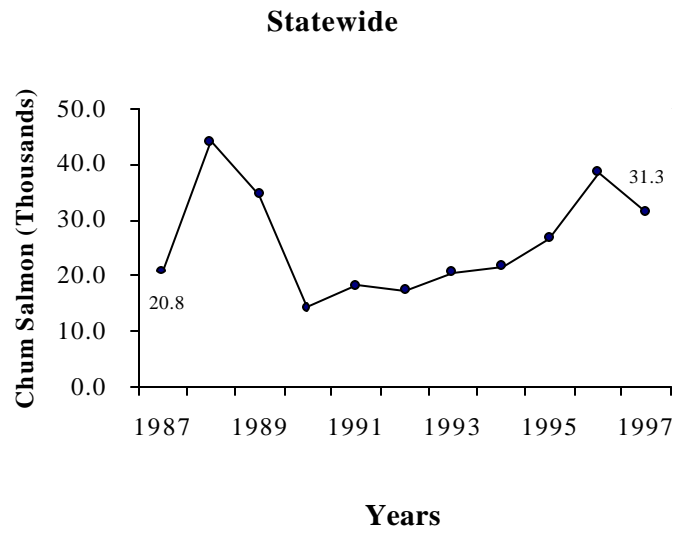


Appendix A28.-Alaska sport pink salmon harvests, statewide and by region, 1987-1997.

Appendix A29.-Alaska sport pink salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	14,765	12,896	25,174	15,246	21,964	18,510	19,651	15,028	18,148	43,082	19,370	45,211
Prince of Wales Island	5,064	2,567	10,338	4,847	5,063	3,699	14,817	4,855	6,467	16,678	10,397	42,205
Kake, Petersburg, Wrangell, Stikine	2,533	601	2,420	3,426	1,889	2,058	955	1,178	1,614	1,420	1,306	5,112
Sitka	3,235	2,709	3,694	3,083	4,476	2,699	3,376	4,266	5,466	9,860	6,902	28,510
Juneau	25,543	18,082	22,488	22,385	14,998	21,411	9,216	20,060	8,373	8,261	14,232	48,231
Haines-Skagway	4,764	7,096	3,201	15,362	3,171	3,811	360	5,036	629	3,054	2,552	9,415
Glacier Bay	703	1,000	2,913	637	5,358	1,556	2,612	1,739	1,620	1,312	3,684	8,464
Yakutat	453	72	594	222	940	357	449	101	641	1,392	4,106	20,806
Total	57,060	45,023	70,822	65,208	57,859	54,101	51,436	52,263	42,958	85,059	62,549	207,954
Southcentral												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	
Prince William Sound	31,382	31,470	37,994	49,146	52,290	32,011	35,735	51,538	46,944	31,052	26,437	90,478
Knik Arm Drainage	886	1,927	1,321	650	926	1,044	230	635	409	961	377	1,837
Anchorage	2,282	5,075	1,631	4,932	1,986	8,901	2,767	1,979	3,099	2,862	843	5,120
East Susitna River Drainage	2,209	4,129	2,715	4,093	2,001	5,899	3,941	1,968	2,311	3,890	2,477	26,303
West Cook Inlet-West Susitna River Drainages	1,684	2,637	1,255	1,298	623	1,446	725	1,301	428	620	766	7,716
Kenai Peninsula	8,581	26,980	15,377	41,257	12,280	24,407	11,601	20,202	11,726	27,259	9,576	40,200
Kodiak	11,662	19,044	17,794	7,464	12,071	5,904	12,324	5,336	11,926	7,076	5,449	57,396
Naknek River Drainage-Alaska Peninsula	1,893	16,336	11,359	23,178	8,891	6,137	3,331	1,283	1,350	1,354	1,567	5,769
Kvichak River Drainage	0	62	277	235	423	750	215	105	28	643	40	729
Nushagak	109	217	468	147	101	338	0	302	153	530	57	1,009
Total ^a	60,688	107,877	90,191	132,400	91,592	86,837	70,869	84,649	78,374	76,247	47,589	236,557
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	18	892	191	347	36	219	27	126	16	486	75	2,766
Seward Peninsula-Norton Sound Drainages	1,304	2,912	3,564	7,647	1,738	7,877	2,250	7,051	928	5,972	1,458	5,954
Northwest Alaska Drainages	0	0	10	0	91	293	0	51	38	10	0	0
Yukon River Drainages	0	0	0	0	0	27	0	0	0	30	0	28
North Slope Brooks Range Drainages	0	55	0	0	0	18	0	0	0	0	0	9
Total ^a	1,322	3,859	3,765	7,994	1,865	8,434	2,277	7,228	982	6,498	1,533	8,757
Alaska Total	119,070	156,759	164,778	205,602	151,316	149,372	124,582	144,140	122,314	167,804	111,671	453,268

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.



Appendix A30.-Alaska sport chum salmon harvests, statewide and by region, 1987-1997.

Appendix A31.-Alaska sport chum salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	389	2,164	1,966	872	1,168	1,268	1,882	2,876	3,581	4,647	7,110	11,736
Prince of Wales Island	48	819	640	234	326	207	961	780	676	1,713	2,043	6,639
Kake, Petersburg, Wrangell, Stikine	144	163	614	178	207	321	140	123	386	429	127	612
Sitka	367	1,312	1,541	762	373	459	2,038	2,070	1,648	6,479	4,280	12,294
Juneau	2,247	4,147	3,260	2,218	2,741	3,147	3,453	5,084	4,622	5,869	4,803	27,565
Haines-Skagway	1,683	854	675	637	420	213	725	433	215	625	443	2,041
Glacier Bay	275	163	166	49	260	426	112	195	233	423	165	780
Yakutat	54	291	70	12	98	0	69	0	77	11	88	1,830
Total	5,207	9,913	8,932	4,962	5,593	6,041	9,380	11,561	11,438	20,196	19,059	63,497
Southcentral												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0		
Prince William Sound	1,894	7,237	3,635	1,945	1,622	964	2,018	1,327	1,112	2,080	2,593	11,159
Knik Arm Drainage	2,574	5,221	4,477	746	1,099	510	885	1,356	4,115	1,681	393	3,019
Anchorage	579	691	985	315	360	297	383	174	439	607	248	1,588
East Susitna River Drainage	3,042	6,604	4,151	1,565	1,950	2,044	1,480	1,269	3,234	2,808	2,852	26,195
West Cook Inlet-West Susitna River Drainages	778	1,583	469	281	225	456	179	341	645	495	1,174	8,852
Kenai Peninsula	2,334	5,467	2,925	1,111	1,065	1,605	1,416	961	687	2,811	1,420	7,012
Kodiak	560	1,546	631	191	1,517	625	504	290	981	1,616	406	8,464
Naknek River Drainage-Alaska Peninsula	614	929	832	460	607	532	426	179	409	387	165	6,407
Kvichak River Drainage	246	62	428	300	556	486	595	340	564	373	305	16,300
Nushagak	191	1,084	1,300	503	457	746	807	1,319	678	1,555	1,137	8,087
Total ^a	12,812	30,424	19,833	7,417	9,458	8,265	8,693	7,556	12,864	14,413	10,693	97,083
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	620	491	1,134	55	588	690	371	260	985	1,880	456	1,750
Kuskokwim-Goodnews Drainages	656	836	2,213	749	647	927	731	1,626	455	761	384	15,498
Seward Peninsula-Norton Sound Drainages	814	1,583	1,497	925	1,415	523	691	536	394	662	278	2,829
Northwest Alaska Drainages	402	236	41	0	59	220	443	248	321	576	272	742
Yukon River Drainages	226	546	997	417	449	618	193	90	189	66	206	516
North Slope Brooks Range Drainages	50	0	0	0	0	15	17	0	0	11	0	0
Total ^a	2,768	3,692	5,882	2,146	3,158	2,993	2,446	2,760	2,344	3,956	1,596	21,335
Alaska Total	20,787	44,029	34,647	14,525	18,209	17,299	20,519	21,877	26,646	38,565	31,348	181,915

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A32.- Alaska sport landlocked coho salmon and chinook salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	728	528	413	1,222	1,536	1,454	717	48	36	195	350
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	728	528	413	1,222	1,536	1,454	717	48	36	195	350
Southcentral												
Upper Copper/Upper Susitna Drainages	0	109	281	17	111	433	56	134	42	751		
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	14,887	16,588	11,041	15,950	15,740	11,875	13,829	14,153	7,285	21,364	11,599	27,895
Anchorage	2,263	4,364	14,483	6,775	10,817	13,985	17,489	13,280	6,034	13,280	8,913	21,490
East Susitna River Drainage	145	619	536	151	14	86	738	45	33	1,986	122	2,578
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	2,401	2,929	1,154	530	1,770	4,758	4,882	3,065	686	3,385	3,613	5,892
Kodiak	434	0	60	52	0	151	0	0	0	0	81	407
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^a	20,130	24,609	27,555	23,475	28,452	31,288	36,994	30,677	14,080	40,766	24,328	58,262
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											331	1,095
Tanana River Drainages	26,566	32,342	18,614	13,943	22,125	14,019	15,734	10,350	8,198	13,640	6,824	21,160
Kuskokwim-Goodnews Drainages	58	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^a	26,624	32,342	18,614	13,943	22,125	14,019	15,734	10,350	8,198	13,640	7,155	22,255
Alaska Total	46,754	57,679	46,697	37,831	51,799	46,843	54,182	41,744	22,326	54,442	31,678	80,867

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A33.-Alaska sport kokanee salmon harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	18	0	26	16	279	0	15	45	0	0	0	0
Prince of Wales Island	0	0	42	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	22	0	0	0	0	0	0
Sitka	0	55	0	17	0	0	0	0	0	0	0	0
Juneau	349	364	239	0	47	379	191	15	0	76	29	912
Haines-Skagway	18	55	213	66	36	368	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	385	474	520	99	362	769	206	60	0	76	29	912
Southcentral												
Upper Copper/Upper Susitna Drainages	75	637	169	153	0	0	98	54	17	0		
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	0	0	227	0	170	22	0	0	0	0	0	0
Anchorage	561	186	122	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	1,263	1,146	162	541	1,577	767	396	604	125	0	173	196
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	682	18	1,527	1,278	3,982	736	3,503	29	67	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 ^a	2,581	1,987	2,207	1,972	5,729	1,525	3,997	687	209	0	173	196
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	185	184	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 ^a	0	0	0	0	185	184	0	0	0	0	0	0
Alaska Total	2,966	2,461	2,727	2,071	6,276	2,478	4,203	747	209	76	202	1,108

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A34.-Alaska sport steelhead harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	737	1,400	1,654	1,423	793	786	69	98	17	11	31	538
Prince of Wales Island	1,950	831	1,277	789	1,666	739	260	136	82	0	39	3,099
Kake, Petersburg, Wrangell, Stikine	848	756	609	1,046	394	390	351	233	68	35	15	1,795
Sitka	270	64	193	153	388	156	243	122	18	24	0	336
Juneau	382	265	280	240	400	258	258	47	0	24	38	191
Haines-Skagway	36	123	142	32	253	24	28	0	0	11	0	0
Glacier Bay	0	0	42	0	173	31	19	7	0	0	19	19
Yakutat	454	870	1,212	591	565	55	21	42	48	54	101	8,896
Total	4,677	4,309	5,409	4,274	4,632	2,439	1,249	685	233	159	243	14,874
Southcentral												
Upper Copper/Upper Susitna Drainages	134	91	84	34	114	8	0	7	10	0		
Prince William Sound	0	18	39	0	0	0	0	0	0	0	46	131
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	850	1,017	67	217	36	606	2,237	1,445	700	36	7	3,821
Kodiak	253	853	788	1,120	327	96	332	209	94	217	38	4,013
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 ^a	1,237	1,979	978	1,371	477	710	2,569	1,661	804	253	91	7,965
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	126
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 ^a	0	0	0	0	0	0	0	0	0	0	0	126
Alaska Total	5,914	6,288	6,387	5,645	5,109	3,149	3,818	2,346	1,037	412	334	22,965

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A35.-Alaska sport rainbow trout harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	923	1,710	2,201	1,199	962	641	1,346	627	506	319	1,046	11,818
Prince of Wales Island	1,271	1,145	2,963	707	1,958	667	703	735	832	323	419	7,729
Kake, Petersburg, Wrangell, Stikine	1,026	782	197	1,014	583	601	417	297	85	105	300	2,002
Sitka	1,284	1,363	1,282	970	1,596	1,932	1,288	378	94	988	283	4,117
Juneau	298	491	229	241	46	372	167	0	0	96	36	519
Haines-Skagway	0	200	182	32	34	79	192	57	19	0	12	12
Glacier Bay	11	36	0	17	22	0	0	38	0	0	0	0
Yakutat	72	200	31	24	151	0	77	46	119	80	30	1,279
Total	4,885	5,927	7,085	4,204	5,352	4,292	4,190	2,178	1,655	1,911	2,126	27,476
Southcentral												
Upper Copper/Upper Susitna Drainages	7,838	6,695	5,835	3,924	6,868	9,373	7,245	5,808	4,671	5,076		
Prince William Sound	126	109	677	392	627	318	136	457	777	336	425	3,444
Knik Arm Drainage	24,663	58,609	44,518	30,699	39,636	27,995	21,565	22,446	14,878	21,780	25,695	85,278
Anchorage	35,259	59,864	53,197	58,435	49,303	33,317	29,112	23,631	32,874	36,148	37,145	171,325
East Susitna River Drainage	6,647	7,622	4,972	5,008	7,854	3,948	3,713	3,658	3,138	2,510	2,324	34,742
West Cook Inlet-West Susitna River Drainages	8,599	8,731	5,472	4,432	5,054	2,218	2,672	2,719	1,868	2,363	2,070	33,110
Kenai Peninsula	10,495	10,313	7,793	14,881	12,541	16,356	14,652	14,061	14,173	9,891	16,157	176,915
Kodiak	1,448	855	1,534	1,484	1,296	1,179	374	765	283	466	660	6,210
Naknek River Drainage-Alaska Peninsula	1,969	1,491	1,109	897	1,664	1,102	1,068	824	667	1,020	480	43,862
Kvichak River Drainage	2,247	344	977	1,462	1,590	562	898	984	613	610	1,125	119,827
Nushagak	2,106	1,327	1,360	1,373	1,059	1,362	877	1,031	1,030	1,614	1,473	54,746
Total ^a	101,397	155,960	127,444	122,987	127,492	97,730	82,312	76,384	74,972	81,814	87,554	729,459
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											2,812	20,867
Tanana River Drainages	31,824	78,345	74,675	64,143	72,024	37,547	49,693	33,400	35,625	48,975	33,833	100,527
Kuskokwim-Goodnews Drainages	592	1,599	757	475	774	404	486	299	429	529	1,336	61,566
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 ^a	32,416	79,944	75,432	64,618	72,798	37,951	50,179	33,699	36,054	49,504	37,981	182,960
Alaska Total	138,698	241,831	209,961	191,809	205,642	139,973	136,681	112,261	112,681	133,229	127,661	939,895

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A36.-Alaska sport cutthroat trout harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	1,503	4,909	3,780	3,739	2,456	1,721	2,480	821	643	1,176	630	10,981
Prince of Wales Island	3,631	2,130	4,553	2,535	1,292	1,987	987	1,118	1,429	878	450	11,789
Kake, Petersburg, Wrangell, Stikine	2,450	2,475	3,555	3,725	1,823	3,746	3,357	1,597	588	876	681	6,703
Sitka	1,269	1,327	2,167	1,532	1,058	1,784	2,263	1,297	907	351	705	6,407
Juneau	3,930	4,402	3,057	2,873	1,774	2,564	5,516	1,261	772	1,130	847	7,597
Haines-Skagway	1,340	801	1,531	1,130	817	944	530	337	180	329	500	1,144
Glacier Bay	88	36	218	67	65	193	95	0	28	206	104	323
Yakutat	36	237	0	59	387	18	123	45	0	0	10	494
Total	14,247	16,317	18,861	15,660	9,672	12,957	15,351	6,476	4,547	4,946	3,927	45,438
Southcentral												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0		
Prince William Sound	1,358	619	1,511	523	416	1,015	940	612	122	707	642	4,115
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 ^a	1,358	619	1,511	523	416	1,015	940	612	122	707	642	4,115
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total ^a	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	15,605	16,936	20,372	16,183	10,088	13,972	16,291	7,088	4,669	5,653	4,569	49,553

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A37.-Alaska sport brook trout harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	0	109	195	16	25	97	67	107	85	0	6	282
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	59	16	178	0	22	9	0	37	0	0
Sitka	0	655	352	307	66	118	134	71	189	73	0	141
Juneau	298	436	169	17	114	292	182	232	0	113	6	102
Haines-Skagway	0	73	112	94	94	519	357	62	0	0	155	242
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	298	1,273	887	450	477	1,026	762	481	274	223	167	767
Southcentral												
Upper Copper/Upper Susitna Drainages	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^a	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total^a	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	298	1,273	887	450	477	1,026	762	481	274	223	167	767

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A38.-Alaska sport lake trout harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	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
Southcentral												
Upper Copper/Upper Susitna Drainages	6,721	6,277	7,147	5,503	4,864	4,251	4,569	4,058	2,934	2,632		
Prince William Sound	0	73	310	49	154	0	126	0	20	0	0	23
Knik Arm Drainage	906	1,911	835	1,067	512	840	201	66	118	76	20	80
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
East Susitna River Drainage	343	291	1,210	387	726	495	288	239	254	308	189	1,125
West Cook Inlet-West Susitna River Drainages	797	327	352	202	289	363	296	190	143	120	424	1,099
Kenai Peninsula	3,301	4,113	2,002	2,566	3,443	3,378	3,805	3,186	2,887	3,540	2,216	5,291
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	836	326	320	143	272	264	325	500	243	458	444	1,975
Kvichak River Drainage	504	254	696	656	324	642	575	964	258	390	338	1,517
Nushagak	688	891	593	286	155	101	311	340	223	356	566	2,854
Total ^a	14,096	14,463	13,465	10,859	10,739	10,334	10,496	9,543	7,080	7,880	4,197	13,964
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											1,923	9,101
Tanana River Drainages	652	2,221	1,650	896	1,978	993	1,939	1,582	887	877	832	5,161
Kuskokwim-Goodnews Drainages	28	181	1,086	72	272	356	218	40	215	135	404	1,167
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	159	255	115	387	173	270	234	77	126	166	73	455
Yukon River Drainages	0	0	272	220	434	193	101	59	66	9	0	70
North Slope Brooks Range Drainages	274	73	482	168	176	379	106	73	38	19	57	783
Total ^a	1,113	2,730	3,605	1,743	3,033	2,191	2,598	1,831	1,332	1,206	3,289	16,737
Alaska Total	15,209	17,193	17,070	12,602	13,772	12,525	13,094	11,374	8,412	9,086	7,486	30,701

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A39.-Alaska sport Dolly Varden and Arctic char harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	2,914	3,256	2,098	2,269	2,143	928	2,366	1,228	175	2,456	987	4,580
Prince of Wales Island	5,377	2,946	6,007	1,611	1,646	1,318	1,872	865	1,231	3,406	1,547	12,806
Kake, Petersburg, Wrangell, Stikine	2,527	4,166	4,458	5,013	2,365	2,948	1,265	1,655	1,072	1,623	1,207	7,183
Sitka	6,672	9,950	5,713	5,465	3,539	4,093	2,808	2,290	2,202	2,317	2,305	19,422
Juneau	8,204	15,878	13,987	12,233	11,929	7,201	7,923	5,189	6,358	5,282	6,407	31,105
Haines-Skagway	19,123	20,082	16,116	18,885	21,867	7,185	8,639	4,625	4,278	5,520	5,673	15,619
Glacier Bay	1,109	1,801	2,067	747	1,209	1,434	1,028	1,535	1,443	613	2,787	5,326
Yakutat	795	1,292	1,190	2,077	1,256	1,131	992	1,171	964	1,230	809	5,782
Total	46,721	59,371	51,636	48,300	45,954	26,238	26,893	18,558	17,723	22,447	21,722	101,823
Southcentral												
Upper Copper/Upper Susitna Drainages	2,023	5,185	3,979	3,159	2,140	1,997	3,173	1,598	1,695	2,575		
Prince William Sound	4,598	2,619	4,336	2,698	3,354	3,382	3,156	1,383	1,248	3,848	2,167	11,679
Knik Arm Drainage	11,425	11,314	8,161	8,746	9,138	4,186	3,686	3,532	2,109	5,606	4,639	12,814
Anchorage	1,811	3,636	2,646	2,208	2,539	3,269	1,793	2,500	1,633	1,994	1,590	5,886
East Susitna River Drainage	3,946	4,748	3,040	3,613	2,140	2,394	1,413	1,033	1,012	2,027	906	6,736
West Cook Inlet-West Susitna River Drainages	1,141	1,656	1,829	1,500	2,809	1,015	915	768	1,430	1,463	1,175	5,001
Kenai Peninsula	22,840	24,235	23,070	28,084	28,018	30,131	30,130	22,311	20,748	17,311	18,815	165,522
Kodiak	8,763	18,663	14,266	14,235	12,794	7,389	6,299	5,981	6,469	11,356	8,116	65,901
Naknek River Drainage-Alaska Peninsula	8,589	5,056	5,256	8,313	10,364	5,988	5,752	2,932	3,792	3,715	3,611	32,694
Kvichak River Drainage	1,238	526	615	952	1,183	868	866	1,006	678	1,024	2,121	14,091
Nushagak	4,031	1,346	3,021	2,484	2,390	2,752	2,539	2,212	2,259	3,310	3,328	31,860
Total ^a	70,405	78,984	70,219	75,992	76,869	63,371	59,722	45,256	43,073	54,229	46,468	352,184
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											1,092	3,439
Tanana River Drainages	36	909	913	830	2,891	2,088	3,873	1,799	2,736	3,261	2,530	8,498
Kuskokwim-Goodnews Drainages	2,090	3,764	3,545	1,797	2,924	802	1,499	1,398	1,260	1,965	3,337	89,299
Seward Peninsula-Norton Sound Drainages	5,506	4,855	7,058	3,948	10,365	2,382	5,907	3,071	2,908	4,285	4,467	17,988
Northwest Alaska Drainages	1,520	983	999	806	1,717	682	914	2,365	939	913	598	7,346
Yukon River Drainages	541	618	726	391	675	672	528	488	122	881	344	1,448
North Slope Brooks Range Drainages	2,676	1,018	1,031	489	1,199	836	1,092	598	896	1,108	1,018	4,094
Total ^a	12,369	12,147	14,272	8,261	19,771	7,462	13,813	9,719	8,861	12,413	13,386	132,112
Alaska Total	129,495	150,502	136,127	132,553	142,594	97,071	100,428	73,533	69,657	89,089	81,576	586,119

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A40.-Alaska sport Arctic grayling harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	670	36	182	224	0	91	0	0	0	0	0	425
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	73	0	81	0	98	0	0	0	0	0	0
Sitka	0	418	11	0	18	8	95	53	9	12	0	34
Juneau	0	0	0	0	0	0	0	24	0	0	0	0
Haines-Skagway	72	0	0	63	63	225	0	0	0	291	0	0
Glacier Bay	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	21	0	0	90	0	0	0	0	0	0
Total	742	527	214	368	81	512	95	77	9	303	0	459
Southcentral												
Upper Copper/Upper Susitna Drainages	27,359	21,937	16,629	13,775	13,278	11,125	12,504	14,066	14,289	10,534		
Prince William Sound	54	182	368	294	497	77	283	318	139	131	119	684
Knik Arm Drainage	3,893	8,367	5,429	3,068	2,846	2,511	1,343	2,898	818	1,940	1,938	6,597
Anchorage	18	1,001	66	576	238	413	233	634	89	293	68	4,555
East Susitna River Drainage	7,568	6,020	4,562	2,910	3,875	2,189	2,401	3,484	1,486	1,913	1,387	15,288
West Cook Inlet-West Susitna River Drainages	4,944	4,275	2,247	2,192	3,393	1,647	1,422	1,662	895	1,871	1,100	18,367
Kenai Peninsula	1,006	1,273	1,133	913	1,472	775	1,268	1,636	1,863	1,071	1,318	11,605
Kodiak	72	182	189	86	98	120	16	41	0	0	0	0
Naknek River Drainage-Alaska Peninsula	640	708	1,089	416	649	482	682	352	227	301	530	12,058
Kvichak River Drainage	3,163	599	1,068	998	1,146	1,519	1,459	2,418	1,104	1,576	2,994	40,481
Nushagak	3,299	2,347	838	1,712	2,904	1,399	2,175	2,740	1,964	2,019	2,422	58,688
Total ^a	52,016	46,891	33,618	26,940	30,396	22,257	23,786	30,249	22,874	21,649	11,876	168,323
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											8,583	69,463
Tanana River Drainages	38,230	51,803	53,791	28,414	33,778	14,983	17,658	24,741	16,089	15,199	16,570	263,954
Kuskokwim-Goodnews Drainages	2,019	2,440	2,622	1,340	2,603	545	739	850	845	977	1,292	34,586
Seward Peninsula-Norton Sound Drainages	4,600	4,928	4,205	1,378	5,121	492	1,584	1,331	1,037	1,485	1,261	20,187
Northwest Alaska Drainages	2,121	2,692	1,415	622	1,981	968	916	814	910	2,136	1,903	8,392
Yukon River Drainages	9,054	6,115	7,491	4,961	5,570	4,171	3,330	4,574	3,421	4,000	3,456	23,318
North Slope Brooks Range Drainages	1,932	983	2,113	791	3,301	1,145	1,632	807	983	1,194	903	16,248
Total ^a	57,956	68,961	71,637	37,506	52,354	22,304	25,859	33,117	23,285	24,991	33,968	436,148
Alaska Total	110,714	116,379	105,469	64,814	82,831	45,073	49,740	63,443	46,168	46,943	45,844	604,930

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A41.-Alaska sport northern pike harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	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	18	18	42	0	136	0	0	0	0	0	0	0
Total	18	18	42	0	136	0	0	0	0	0	0	0
Southcentral												
Upper Copper/Upper Susitna Drainages	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	924	364	863	754	2,709	2,605	2,102	1,328	522	4,021	4,858	9,137
Anchorage	0	0	0	0	0	0	0	0	0	183	220	433
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	11	95	795
West Cook Inlet-West Susitna River Drainages	1,540	2,818	2,257	2,088	3,931	2,777	3,619	2,565	3,024	3,988	4,236	16,766
Kenai Peninsula	12	36	67	40	86	239	242	36	248	177	28	256
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	256	36	154	208	93	256	130	709	165	724	291	1,878
Kvichak River Drainage	458	18	211	191	635	658	291	372	334	617	148	2,062
Nushagak	1,649	326	882	374	1,250	779	747	790	1,030	782	613	3,551
Total ^a	4,839	3,598	4,434	3,655	8,704	7,314	7,131	5,800	5,323	10,503	10,489	34,878
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	9,405	11,823	11,170	7,348	12,476	6,148	7,712	16,299	10,620	8,327	3,328	23,879
Kuskokwim-Goodnews Drainages	606	2,346	1,785	231	2,018	752	995	828	655	871	408	4,413
Seward Peninsula-Norton Sound Drainages	906	564	648	1,957	1,429	479	537	376	215	728	363	2,188
Northwest Alaska Drainages	813	1,565	64	320	394	333	559	287	256	112	145	657
Yukon River Drainages	2,492	3,526	3,516	2,474	4,454	3,590	2,347	1,968	1,937	2,502	1,870	13,367
North Slope Brooks Range Drainages	0	0	0	0	0	0	85	0	0	0	0	0
Total ^a	14,222	19,824	17,183	12,330	20,771	11,302	12,235	19,758	13,683	12,540	6,114	44,504
Alaska Total	19,079	23,440	21,659	15,985	29,611	18,616	19,366	25,558	19,006	23,043	16,603	79,382

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A42.-Alaska sport whitefish harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	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	91	61	16	60	18	0	0	0	0	4	4
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	91	61	16	60	18	0	0	0	0	4	4
Southcentral												
Upper Copper/Upper Susitna Drainages	2,096	2,474	2,991	1,784	717	1,150	815	1,149	898	384		
Prince William Sound	72	0	0	0	0	46	0	0	0	0	0	0
Knik Arm Drainage	380	1,163	844	622	900	257	227	242	71	16	96	177
Anchorage	0	0	0	181	7	0	0	0	0	0	0	0
East Susitna River Drainage	796	546	442	1,378	626	265	87	172	80	0	32	484
West Cook Inlet-West Susitna River Drainages	1,685	1,419	430	1,516	531	340	564	779	76	160	86	174
Kenai Peninsula	216	863	415	912	560	432	396	249	357	131	115	1,176
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	106	18	30	17	40	55	0	39	0	80	0	41
Kvichak River Drainage	46	54	60	618	136	221	95	159	266	392	690	911
Nushagak	46	54	132	850	315	101	296	211	119	52	361	469
Total ^a	5,443	6,591	5,344	7,878	3,832	2,867	2,480	3,000	1,867	1,215	1,380	3,432
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											134	1,075
Tanana River Drainages	26,303	11,620	16,935	6,891	739	3,246	984	940	493	412	1,062	2,341
Kuskokwim-Goodnews Drainages	91	473	571	88	158	286	253	183	0	0	614	732
Seward Peninsula-Norton Sound Drainages	272	673	453	299	1,357	46	95	67	247	64	212	598
Northwest Alaska Drainages	212	236	619	84	260	9	238	117	156	160	419	757
Yukon River Drainages	206	610	245	322	422	248	173	89	82	160	398	430
North Slope Brooks Range Drainages	75	18	109	17	0	18	0	58	18	36	0	163
Total ^a	27,159	13,630	18,932	7,701	2,936	3,853	1,743	1,454	996	832	2,839	6,096
Alaska Total	32,602	20,312	24,337	15,595	6,828	6,738	4,223	4,454	2,863	2,047	4,223	9,532

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A43.-Alaska sport burbot harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	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
Southcentral												
Upper Copper/Upper Susitna Drainages	4,386	3,747	3,396	1,836	793	1,495	1,694	2,869	995	981		
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	325	291	372	262	477	500	482	512	151	218	709	3,106
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
East Susitna River Drainage	1,175	600	395	1,345	407	608	909	674	517	284	304	573
West Cook Inlet-West Susitna River Drainages	3,640	944	211	1,534	97	304	264	1,090	190	396	861	1,125
Kenai Peninsula	0	0	0	0	0	85	43	10	0	0	26	26
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	1,327	1,327
Kvichak River Drainage	0	18	0	100	53	0	0	10	0	138	348	451
Nushagak	0	0	0	17	0	0	0	0	0	13	0	6
Total ^a	9,526	5,600	4,374	5,094	1,827	2,992	3,392	5,165	1,853	2,030	3,575	6,614
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											1,358	2,646
Tanana River Drainages	3,855	3,733	4,357	3,799	2,739	3,620	5,717	5,165	4,934	3,203	6,348	8,340
Kuskokwim-Goodnews Drainages	119	91	12	1,125	40	169	214	20	0	0	0	180
Seward Peninsula-Norton Sound Drainages	0	36	10	33	116	0	96	0	45	179	148	290
Northwest Alaska Drainages	11	0	0	0	0	17	139	20	11	185	345	345
Yukon River Drainages	32	18	367	509	160	422	279	145	216	203	415	687
North Slope Brooks Range Drainages	0	0	148	17	0	25	21	353	69	41	0	26
Total ^a	4,017	3,878	4,894	5,483	3,055	4,253	6,466	5,703	5,275	3,811	8,614	12,514
Alaska Total	13,543	9,478	9,268	10,577	4,882	7,245	9,858	10,868	7,128	5,841	12,189	19,128

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A44.-Alaska sport sheefish harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	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
Southcentral												
Upper Copper/Upper Susitna Drainages	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 ^a	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	235	964	554	169	158	184	100	166	310	231	35	486
Kuskokwim-Goodnews Drainages	398	637	296	107	154	292	54	390	272	107	589	2,172
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	73	0	0
Northwest Alaska Drainages	1,836	964	629	151	603	1,904	1,029	564	1,142	485	906	2,341
Yukon River Drainages	128	656	757	323	1,341	553	436	391	476	606	231	453
North Slope Brooks Range Drainages	0	0	70	0	0	0	0	0	0	0	0	0
Total ^a	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	1,761	5,452
Alaska Total	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	1,761	5,452

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A45.-Alaska sport smelt harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	82	0	87	60	70	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	49,527	1,702	2,257	0	0	54	131	138	791	666	4,205	4,205
Sitka	7,355	681	1,052	1,721	564	1,709	385	150	113	0	0	0
Juneau	723	0	294	172	24	1,558	0	117	0	0	273	1,846
Haines-Skagway	34	1,392	586	0	5,584	33,532	1,677	556	0	327	0	0
Glacier Bay	0	0	375	0	0	0	0	0	0	0	0	0
Yakutat	2,773	3,094	0	1,703	30	0	121	1,766	0	291	0	0
Total	60,412	6,869	4,564	3,678	6,202	36,940	2,374	2,797	904	1,284	4,478	6,051
Southcentral												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0		
Prince William Sound	1,908	3,713	64	3,386	273	4,123	1,453	198	0	972	593	647
Knik Arm Drainage	0	0	0	0	0	0	0	2,292	0	0	0	0
Anchorage	131,584	139,508	103,881	133,027	69,257	42,964	29,865	49,279	34,058	21,212	39,071	39,341
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	9,265	8,849	2,324	5,810	6,132	15,523	6,596	13,330	4,549	13,451	8,853	8,853
Kenai Peninsula	53,897	18,378	33,140	41,029	6,987	24,068	8,227	8,056	4,553	7,612	13,561	14,306
Kodiak	462	0	0	0	0	140	67	0	0	727	0	0
Naknek River Drainage-Alaska Peninsula	42	30,321	4,456	3,172	15,249	15,858	5,423	12,481	2,761	1,476	5,217	5,217
Kvichak River Drainage	0	0	0	0	0	0	0	0	0	0	0	88
Nushagak	46	31	56,973	2,257	5,916	6,923	3,790	10,188	4,814	11,560	2,890	2,890
Total ^a	197,204	200,800	200,838	188,681	103,814	109,599	55,421	95,824	50,735	57,010	70,185	71,342
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	248	1,324	211	0	1,136	3,343	2,292	633	2,181	27	270
Seward Peninsula-Norton Sound Drainages	2,023	2,228	410	995	1,699	865	335	5,157	633	174	2,801	2,801
Northwest Alaska Drainages	5,057	0	261	0	119	0	22	57	0	218	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	429	503	0	0	0	0	0	0	0	0
Total ^a	7,080	2,476	2,424	1,709	1,818	2,001	3,700	7,506	1,266	2,573	2,828	3,071
Alaska Total	264,696	210,145	207,826	194,068	111,834	148,540	61,495	106,127	52,905	60,867	77,491	80,464

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A46.-Alaska sport Pacific halibut harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch 1997
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
Southeast												
Ketchikan	9,676	11,544	13,699	9,872	9,733	9,455	12,763	15,313	14,483	15,316	13,685	19,358
Prince of Wales Island	2,760	2,778	9,213	10,264	11,875	11,661	22,501	24,465	20,808	23,266	21,201	33,109
Kake, Petersburg, Wrangell, Stikine	3,039	3,877	5,548	5,768	6,433	6,153	5,984	7,992	9,488	10,234	10,417	17,513
Sitka	7,545	10,572	17,727	17,492	20,283	22,092	19,366	23,701	21,452	20,840	27,552	49,050
Juneau	14,382	18,697	20,273	16,248	13,637	14,850	16,340	10,362	15,145	16,414	21,282	35,435
Haines-Skagway	3,567	3,201	2,588	1,972	1,199	926	2,195	1,058	856	1,209	1,007	1,304
Glacier Bay	2,184	4,238	4,484	3,415	8,766	4,863	5,878	5,849	7,090	7,618	9,242	22,637
Yakutat	1,194	1,673	772	1,459	2,112	1,861	2,752	3,577	2,456	3,236	4,926	7,974
Total	44,347	56,580	74,304	66,490	74,038	71,861	87,779	92,317	91,778	98,133	109,312	186,380
Southcentral												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	4,379	9,845	8,697	10,851	12,733	17,855	19,716	23,487	24,771	22,330	28,456	51,219
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	869	1,192	1,224	1,685	1,576	984	2,507	2,725	3,236	2,422	3,158	5,694
Kenai Peninsula	84,733	147,756	132,944	156,353	160,888	160,705	185,431	193,085	188,597	209,576	218,594	445,949
Kodiak	9,869	7,749	10,435	9,134	12,089	10,860	14,169	14,910	13,989	14,205	17,232	34,898
Naknek River Drainage-Alaska Peninsula	1,596	1,984	1,412	2,545	5,199	2,645	3,491	2,402	2,796	3,213	3,335	8,245
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 ^a	101,446	168,526	154,712	180,568	192,485	193,049	225,314	236,609	233,389	251,746	270,775	546,005
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	36	0	0	144	0	33	54	45	21	145	50	50
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	75	0	196	119	144
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 ^a	36	0	0	144	0	33	54	120	21	341	169	194
Alaska Total	145,829	225,106	229,016	247,202	266,523	264,943	313,147	329,046	325,188	350,220	380,256	732,579

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A47.-Alaska sport rockfish harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch	
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997	
Southeast													
Ketchikan	18,231	26,378	17,159	9,043	8,504	9,927	6,764	11,741	7,984	7,092	8,156	22,248	
Prince of Wales Island	9,984	8,692	8,955	9,062	7,200	7,968	9,589	12,122	11,915	9,446	10,804	26,429	
Kake, Petersburg, Wrangell, Stikine	2,525	480	1,726	1,150	1,222	1,838	2,070	2,298	1,870	1,085	1,760	6,844	
Sitka	5,944	9,319	6,196	3,948	4,879	6,852	6,622	13,446	7,968	10,728	12,078	39,561	
Juneau	4,709	10,224	4,638	1,881	3,408	3,532	5,717	3,271	3,438	3,008	4,735	10,233	
Haines-Skagway	289	854	465	488	415	181	569	157	233	329	323	547	
Glacier Bay	307	801	357	306	936	501	448	881	355	599	836	3,222	
Yakutat	272	91	8	81	264	414	251	490	584	599	1,396	2,333	
Total	42,261	56,839	39,504	25,959	26,828	31,213	32,030	44,406	34,347	32,886	40,088	111,417	
Southcentral													
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0		
Prince William Sound	6,563	12,711	12,919	8,157	8,733	15,478	12,274	15,382	14,701	12,375	15,403	24,874	
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	16,154	45,327	29,028	21,937	22,622	33,266	29,971	33,440	21,759	26,656	24,876	50,135	
Kodiak	6,501	11,369	5,070	3,842	8,036	5,652	7,569	5,019	4,247	6,551	6,164	21,244	
Naknek River Drainage-Alaska Peninsula	2,046	1,875	255	2,677	1,044	914	781	724	559	582	1,689	3,957	
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 ^a	31,264	71,282	47,272	36,613	40,435	55,310	50,595	54,565	41,266	46,164	48,132	100,210	
Arctic-Yukon-Kuskokwim													
Upper Copper/Upper Susitna Drainages												0	0
Tanana River Drainages	0	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	0
Seward Peninsula-Norton Sound Drainages	0	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	0
Yukon River Drainages	0	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	0
Total ^a	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	73,525	128,121	86,776	62,572	67,263	86,523	82,625	98,971	75,613	79,050	88,220	211,627	

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A48.-Alaska sport lingcod harvests, 1991-1997, and catch, 1997, by region and area.

Area Fished	Harvest							Catch
	1991	1992	1993	1994	1995	1996	1997	1997
Southeast								
Ketchikan	1,977	2,381	2,171	2,520	1,616	1,765	1,933	2,941
Prince of Wales Island	3,245	4,048	6,422	7,627	5,443	5,936	5,294	7,457
Kake, Petersburg, Wrangell, Stikine	201	486	653	495	402	275	355	419
Sitka	2,448	4,683	3,901	7,836	4,613	6,592	6,713	11,056
Juneau	1,047	1,129	840	630	233	413	1,427	2,422
Haines-Skagway	353	102	268	129	23	7	40	64
Glacier Bay	327	56	216	139	149	284	197	363
Yakutat	160	308	498	693	624	1,137	2,073	2,425
Total	9,758	13,193	14,969	20,069	13,103	16,409	18,032	27,147
Southcentral								
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0		
Prince William Sound	1,979	2,575	2,008	1,658	2,316	2,035	3,588	7,904
Knik Arm Drainage	0	0	0	0	0	0	0	0
Anchorage	0	93	0	0	0	0	0	0
East Susitna River Drainage	0	0	0	0	0	0	0	0
West Cook Inlet-W Susitna River Drainages	35	0	45	56	28	134	52	272
Kenai Peninsula	8,932	11,280	4,715	4,896	3,738	4,701	4,929	15,578
Kodiak	1,352	1,454	922	1,014	932	1,074	1,277	5,212
Naknek River Drainage-Alaska Peninsula	993	299	198	185	75	9	427	790
Kvichak River Drainage	0	0	0	0	0	0	0	0
Nushagak	0	0	0	0	0	0	0	0
Total	13,291	15,701	7,888	7,809	7,089	7,953	10,273	29,756
Arctic-Yukon-Kuskokwim								
Upper Copper/Upper Susitna Drainages							0	0
Tanana River Drainages	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Alaska Total	23,049	28,894	22,857	27,878	20,192	24,362	28,305	56,903

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A49.-Alaska sport razor clam harvests, 1987-1997, and catch, 1997, by region and area.

Area Fished	Harvest											Catch	
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997	
Southeast													
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0	
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0	
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0	
Sitka	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	141	141	
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	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	141	141	
Southcentral													
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0			
Prince William Sound	9,388	5,455	4,243	5,235	2,692	26,307	6,629	3,572	2,105	1,837	72	72	
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	107,022	58,784	57,603	48,752	27,658	31,066	39,989	22,239	14,878	19,688	16,395	16,495	
Kenai Peninsula	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	833,160	969,495	
Kodiak	2,155	4,614	1,477	173	119	973	1,286	4,322	0	1,366	235	412	
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 ^a	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	849,862	986,474	
Arctic-Yukon-Kuskokwim													
Upper Copper/Upper Susitna Drainages												0	0
Tanana River Drainages	0	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	0
Seward Peninsula-Norton Sound Drainages	0	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	0
Yukon River Drainages	0	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	0
Total ^a	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	1,125,58	1,261,81	917,963	1,037,94	1,207,52	1,237,14	1,011,95	1,317,67	1,199,94	843,983	850,003	986,615	

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

Appendix A50.-Alaska sport harvests, 1987-1997, and catch, 1997, of other fish by region and area.

Area Fished	Harvest											Catch
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1997
Southeast												
Ketchikan	4,450	10,891	3,312	2,571	2,515	477	2,285	2,297	3,610	1,002	354	2,119
Prince of Wales Island	6,638	1,610	447	2,653	518	876	2,438	1,173	2,174	423	388	595
Kake, Petersburg, Wrangell, Stikine	5,971	9,128	3,997	4,080	1,217	1,050	1,819	2,135	2,383	441	3,568	4,264
Sitka	20,156	4,642	1,983	7,850	2,691	2,488	1,979	233	3,534	686	282	2,244
Juneau	13,260	4,827	5,952	1,754	3,860	3,050	2,046	809	1,341	443	1,051	3,673
Haines-Skagway	1,113	1,331	728	838	3,335	508	2,463	244	461	240	17	153
Glacier Bay	2,062	0	1,040	200	68	292	197	72	10	345	67	1,228
Yakutat	0	371	120	221	0	151	10	237	20	0	33	349
Total	53,650	32,800	17,579	20,167	14,204	8,892	13,237	7,200	13,533	3,580	5,760	14,625
Southcentral												
Upper Copper/Upper Susitna Drainages	76	0	0	0	47	11	9	128	30	0		
Prince William Sound	17,945	10,303	20,466	6,444	4,992	7,445	7,964	1,722	6,237	2,646	2,508	3,946
Knik Arm Drainage	462	0	0	99	0	790	176	163	0	38	69	163
Anchorage	93	31	248	0	297	649	392	1,129	541	102	441	494
East Susitna River Drainage	0	0	15	67	16	76	49	166	61	63	84	221
West Cook Inlet-West Susitna River Drainages	93	0	47	51	1,351	22	87	168	30	0	117	619
Kenai Peninsula	11,208	31,073	31,069	43,691	9,277	10,021	5,275	4,016	4,425	3,069	2,695	9,822
Kodiak	9,080	8,694	1,757	2,657	2,995	1,062	1,618	1,578	1,467	1,088	467	2,807
Naknek River Drainage-Alaska Peninsula	1,481	62	222	1,757	1,588	1,191	946	230	304	233	149	1,478
Kvichak River Drainage	0	0	17	0	0	32	80	475	0	0	0	187
Nushagak	0	31	0	17	48	184	63	76	0	0	279	341
Total^a	40,438	50,194	53,841	54,783	20,611	21,483	16,659	9,851	13,095	7,239	6,809	20,078
Arctic-Yukon-Kuskokwim												
Upper Copper/Upper Susitna Drainages											56	81
Tanana River Drainages	0	0	130	34	303	0	79	175	367	126	108	1,129
Kuskokwim-Goodnews Drainages	0	0	0	0	95	11	589	18	20	0	8	16
Seward Peninsula-Norton Sound Drainages	0	371	33	580	1,385	909	549	865	203	13	285	598
Northwest Alaska Drainages	0	0	174	0	0	216	177	0	357	633	0	16
Yukon River Drainages	0	0	34	0	0	0	0	503	603	19	8	85
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total^a	0	371	371	614	1,783	1,136	1,394	1,561	1,550	791	465	1,925
Alaska Total	94,088	83,365	71,791	75,564	36,598	31,511	31,290	18,612	28,178	11,610	13,034	36,628

^a Upper Copper/Upper Susitna Drainages estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

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harvest estimates by sport fish area and
their standard errors on facing pages.**

Appendix A51.-Ketchikan Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days		KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER
		Trips	Fished																		
SALTWATER:																					
Boat - East, West Behm Canals	7,467	11,157	17,029	0	1,010	13,927	328	0	4,640	1,825	102	0	0	22	0	0	0	3,691	2,425	384	70
Boat - Clarence Strait	4,717	7,176	11,331	0	976	6,733	189	0	4,375	1,960	0	0	0	20	0	0	0	3,972	2,038	564	129
Boat - Revilla Channel	8,148	12,244	15,901	0	2,265	5,350	149	0	3,602	1,169	0	0	0	0	0	0	0	3,841	2,293	566	109
Boat - Tongass Narrows	1,631	1,720	2,319	0	107	1,048	10	0	854	134	0	0	0	0	0	0	0	427	162	26	0
Boat - Yes Bay	1,290	925	2,793	0	345	751	550	0	271	798	0	0	0	0	0	0	0	490	392	0	0
Boat - Bell Island	456	366	721	0	236	402	11	0	152	239	0	0	0	0	0	0	0	25	0	0	0
Boat - Other	2,794	3,087	4,917	0	265	2,443	95	0	2,182	630	43	0	0	0	0	0	0	1,115	690	315	46
Shoreline - Mountain Point	416	866	1,232	0	0	71	0	0	467	0	0	0	0	0	0	0	0	0	28	0	0
Shoreline - Other	1,038	1,755	2,493	0	53	862	138	0	1,697	136	0	0	0	0	0	0	0	124	128	78	0
SALTWATER TOTAL	22,286^d	39,296	58,736	0	5,257	31,587	1,470	0	18,240	6,891	145	0	0	42	0	0	0	13,685	8,156	1,933	354
FRESHWATER:																					
Naha River	610	460	994	0	0	78	53	0	181	15	35	0	392	0	0	0	0	0	0	0	0
Ward Cove Creek	345	421	1,119	0	0	261	11	0	0	0	0	0	140	0	0	0	0	0	0	0	0
Ketchikan Creek	330	707	783	0	0	20	0	0	195	15	0	0	0	0	0	0	0	0	0	0	0
Other Streams	988	1,356	2,380	0	0	256	32	0	754	189	211	8	227	165	0	0	0	0	0	0	0
Ward Lake	630	1,263	1,412	0	0	251	0	0	0	0	122	23	48	0	0	0	0	0	0	0	0
Other Lakes	1,133	1,524	2,779	0	0	45	121	0	0	0	474	0	239	423	6	0	0	0	0	0	0
FRESHWATER TOTAL	3,195^d	5,731	9,467	0	0	911	217	0	1,130	219	842	31	1,046	588	6	0	0	0	0	0	0
GRAND TOTAL	23,914^d	45,027	68,203	0	5,257	32,498	1,687	0	19,370	7,110	987	31	1,046	630	6	0	0	13,685	8,156	1,933	354

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

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

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

Appendix A52.-Ketchikan Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER	
	Trips	Fished																			
SALTWATER:																					
Boat - East, West Behm Canals	1,557	2,156	0	194	1,973	127	0	698	324	59	0	0	15	0	0	0	617	510	127	65	
Boat - Clarence Strait	1,005	1,804	0	209	1,456	81	0	1,407	786	0	0	0	19	0	0	0	595	385	139	76	
Boat - Revilla Channel	1,141	1,308	0	412	752	63	0	530	196	0	0	0	0	0	0	0	545	432	166	88	
Boat - Tongass Narrows	278	391	0	42	403	10	0	306	56	0	0	0	0	0	0	0	134	95	19	0	
Boat - Yes Bay	177	1,039	0	117	325	514	0	115	318	0	0	0	0	0	0	0	159	189	0	0	
Boat - Bell Island	90	223	0	91	193	11	0	72	134	0	0	0	0	0	0	0	25	0	0	0	
Boat - Other	417	670	0	82	621	61	0	558	262	41	0	0	0	0	0	0	251	275	139	33	
Shoreline - Mountain Point	308	407	0	0	41	0	0	198	0	0	0	0	0	0	0	0	0	28	28	0	0
Shoreline - Other	463	555	0	28	395	89	0	764	74	0	0	0	0	0	0	0	105	70	59	0	
SALTWATER TOTAL	2,432	3,511	0	540	2,716	547	0	1,978	982	72	0	0	24	0	0	0	1,094	838	295	134	
FRESHWATER:																					
Naha River	132	298	0	0	76	39	0	102	15	26	0	241	0	0	0	0	0	0	0	0	
Ward Cove Creek	159	728	0	0	221	11	0	0	0	0	0	120	0	0	0	0	0	0	0	0	
Ketchikan Creek	298	303	0	0	19	0	0	125	15	0	0	0	0	0	0	0	0	0	0	0	
Other Streams	324	502	0	0	138	33	0	308	106	91	8	118	63	0	0	0	0	0	0	0	
Ward Lake	463	476	0	0	198	0	0	0	0	85	24	45	0	0	0	0	0	0	0	0	
Other Lakes	375	499	0	0	47	101	0	0	0	286	0	102	145	6	0	0	0	0	0	0	
FRESHWATER TOTAL	773	1,212	0	0	337	113	0	353	109	313	26	317	159	6	0	0	0	0	0	0	
GRAND TOTAL	2,643	3,811	0	540	2,744	553	0	2,005	985	318	26	317	159	6	0	0	1,094	838	295	134	

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

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A53.-Prince of Wales Island Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days																	
			Fished	KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	SM	HA	RF	LC	OTHER
SALTWATER:																				
Boat - Waterfall Bay	832	1,430	2,434	0	1,141	3,477	106	0	520	87	0	0	0	0	0	0	2,213	495	657	0
Boat - Eastside Prince of Wales Island	3,470	5,852	9,410	0	897	6,589	117	0	4,151	776	43	0	0	0	0	0	4,348	2,618	921	169
Boat - Westside Prince of Wales Island	6,581	13,925	20,542	0	4,863	22,196	402	0	2,522	693	85	0	0	0	0	0	12,528	6,185	3,245	152
Boat - Other	1,460	3,263	4,377	0	929	3,416	137	0	538	44	0	0	0	0	0	0	2,112	1,506	471	67
Shoreline	221	261	475	0	0	196	364	0	117	0	0	0	0	32	0	0	0	0	0	0
SALTWATER TOTAL	11,433^d	24,731	37,238	0	7,830	35,874	1,126	0	7,848	1,600	128	0	0	32	0	0	21,201	10,804	5,294	388
FRESHWATER:																				
Thorne System (Stream, Lake)	1,432	3,245	3,941	0	0	802	0	0	992	0	719	0	94	89	0	0	0	0	0	0
Sweetwater System (Stream, Lake)	371	447	596	0	0	285	428	0	0	0	43	0	0	98	0	0	0	0	0	0
Sarkar System (Stream, Lake)	361	328	578	0	0	21	665	0	0	0	14	0	0	0	0	0	0	0	0	0
Other Systems	195	152	497	0	0	123	53	0	238	0	21	0	145	0	0	0	0	0	0	0
Klawock River	806	3,435	3,693	0	0	261	0	0	55	0	183	15	120	175	0	0	0	0	0	0
Staney Creek	565	504	705	0	0	254	0	0	22	0	0	0	0	0	0	0	0	0	0	0
Black Bear Creek	250	317	389	0	0	10	0	0	149	0	0	8	60	0	0	0	0	0	0	0
Eagle Creek	430	343	636	0	0	0	0	0	207	0	0	8	0	16	0	0	0	0	0	0
Harris River	360	849	959	0	0	134	0	0	208	44	32	0	0	0	0	0	0	0	0	0
Other Streams	907	1,746	2,787	0	0	446	619	0	678	399	380	8	0	0	0	0	0	0	0	0
Other Lakes	315	316	478	0	0	0	0	0	0	0	27	0	0	40	0	0	0	0	0	0
FRESHWATER TOTAL	3,205^d	11,682	15,259	0	0	2,336	1,765	0	2,549	443	1,419	39	419	418	0	0	0	0	0	0
GRAND TOTAL	12,871^d	36,413	52,497	0	7,830	38,210	2,891	0	10,397	2,043	1,547	39	419	450	0	0	21,201	10,804	5,294	388

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

^d 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days																		
	Trips	Fished	KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	SM	HA	RF	LC	OTHER
SALTWATER:																			
Boat - Waterfall Bay	396	502	0	324	830	79	0	258	52	0	0	0	0	0	0	456	177	168	0
Boat - Eastside Prince of Wales Island	1,052	1,401	0	177	1,323	64	0	1,173	331	42	0	0	0	0	0	563	542	202	102
Boat - Westside Prince of Wales Island	2,094	2,422	0	544	2,636	167	0	501	254	67	0	0	0	0	0	1,089	910	407	96
Boat - Other	843	917	0	232	892	106	0	279	24	0	0	0	0	0	0	415	611	145	65
Shoreline	102	174	0	0	165	214	0	106	0	0	0	0	31	0	0	0	0	0	0
SALTWATER TOTAL	2,553	3,026	0	705	3,179	313	0	1,344	412	81	0	0	31	0	0	1,368	1,255	504	158
FRESHWATER:																			
Thorne System (Stream, Lake)	1,025	1,047	0	0	371	0	0	755	0	422	0	52	50	0	0	0	0	0	0
Sweetwater System (Stream, Lake)	142	176	0	0	154	225	0	0	0	42	0	0	69	0	0	0	0	0	0
Sarkar System (Stream, Lake)	104	205	0	0	15	334	0	0	0	13	0	0	0	0	0	0	0	0	0
Other Systems	71	234	0	0	68	54	0	222	0	15	0	149	0	0	0	0	0	0	0
Klawock River	1,128	1,140	0	0	138	0	0	56	0	95	15	124	104	0	0	0	0	0	0
Staney Creek	163	192	0	0	167	0	0	21	0	0	0	0	0	0	0	0	0	0	0
Black Bear Creek	115	130	0	0	10	0	0	150	0	0	7	44	0	0	0	0	0	0	0
Eagle Creek	112	262	0	0	0	0	0	128	0	0	7	0	16	0	0	0	0	0	0
Harris River	365	381	0	0	111	0	0	164	43	31	0	0	0	0	0	0	0	0	0
Other Streams	427	563	0	0	231	251	0	556	254	237	8	0	0	0	0	0	0	0	0
Other Lakes	94	135	0	0	0	0	0	0	0	26	0	0	32	0	0	0	0	0	0
FRESHWATER TOTAL	1,582	1,706	0	0	528	470	0	975	258	500	21	205	141	0	0	0	0	0	0
GRAND TOTAL	3,005	3,443	0	705	3,220	566	0	1,689	488	507	21	205	144	0	0	1,368	1,255	504	158

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A55.-Kake, Petersburg, Wrangell, Stikine Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days		KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
		Trips	Fished																			
SALTWATER:																						
Boat - Terminal Harvest Area near Petersburg (in Wrangell Narrows)	1,240	2,185	2,735	305	546	147	50	0	33	0	14	0	0	0	0	0	0	0	365	0	0	167
Boat - Frederick Sound near Petersburg	3,518	6,718	9,807	0	871	292	265	0	57	15	132	0	0	16	0	0	0	1,352	4,275	615	71	207
Boat - Rest of Petersburg Area	851	1,383	1,881	0	377	21	0	0	32	0	11	0	0	0	0	0	0	0	867	0	26	0
Boat - Wrangell Area	2,870	5,890	8,965	68	2,198	1,111	11	0	614	24	53	0	0	59	0	0	0	2,718	2,601	497	30	8
Boat - Kake Area	401	573	845	0	59	151	250	0	0	0	14	0	0	0	0	0	0	0	450	402	176	0
Boat - Sumner Strait	345	601	646	0	170	0	0	0	32	0	0	0	0	0	0	0	0	0	908	57	13	0
Boat - Other	1,108	1,998	3,392	0	234	496	117	0	195	15	0	0	0	0	0	0	0	0	926	189	39	0
Shoreline - Petersburg Road System	345	651	928	0	107	132	0	0	0	29	553	0	0	71	0	0	0	135	25	0	0	3,101
Shoreline - Other	465	1,022	1,119	0	160	193	0	0	0	0	35	0	0	59	0	0	0	0	0	0	0	85
SALTWATER TOTAL	8,702 ^d	21,021	30,318	373	4,722	2,543	693	0	963	83	812	0	0	205	0	0	0	4,205	10,417	1,760	355	3,568
FRESHWATER:																						
Blind Slough (in Wrangell Narrows)	1,050	1,456	1,874	532	672	384	0	0	184	0	143	0	0	32	0	0	0	0	0	0	0	0
Petersburg Creek	475	887	1,052	0	0	31	60	0	29	0	161	0	39	57	0	0	0	0	0	0	0	0
Other Streams	1,182	1,642	3,459	0	0	380	721	0	130	44	43	15	44	276	0	0	0	0	0	0	0	0
Lakes	546	889	1,216	0	0	0	0	0	0	0	48	0	217	111	0	0	0	0	0	0	0	0
Systems	75	35	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,518 ^d	4,909	7,676	532	672	795	781	0	343	44	395	15	300	476	0	0	0	0	0	0	0	0
GRAND TOTAL	9,575 ^d	25,930	37,994	905	5,394	3,338	1,474	0	1,306	127	1,207	15	300	681	0	0	0	4,205	10,417	1,760	355	3,568

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

^d 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
	Trips	Fished																			
SALTWATER:																					
Boat - Terminal Harvest Area near Petersburg (in Wrangell Narrows)	414	504	125	139	65	50	0	25	0	14	0	0	0	0	0	0	0	152	0	0	158
Boat - Frederick Sound near Petersburg	1,061	1,391	0	198	105	174	0	35	15	69	0	0	15	0	0	0	1,309	620	245	36	126
Boat - Rest of Petersburg Area	291	366	0	144	15	0	0	32	0	11	0	0	0	0	0	0	0	220	0	25	0
Boat - Wrangell Area	991	1,749	61	408	476	10	0	267	17	32	0	0	59	0	0	0	2,796	469	294	17	7
Boat - Kake Area	184	294	0	44	89	253	0	0	0	13	0	0	0	0	0	0	0	158	273	152	0
Boat - Sumner Strait	186	191	0	103	0	0	0	32	0	0	0	0	0	0	0	0	0	280	46	13	0
Boat - Other	601	873	0	78	357	73	0	91	15	0	0	0	0	0	0	0	0	277	116	22	0
Shoreline - Petersburg Road System	250	422	0	66	112	0	0	0	29	290	0	0	50	0	0	0	134	25	0	0	2,459
Shoreline - Other	340	347	0	69	116	0	0	0	0	25	0	0	50	0	0	0	0	0	0	0	83
SALTWATER TOTAL	1,717	2,564	137	531	628	310	0	287	40	301	0	0	96	0	0	0	3,037	952	487	160	2,482
FRESHWATER:																					
Blind Slough (in Wrangell Narrows)	268	364	165	177	155	0	0	127	0	92	0	0	20	0	0	0	0	0	0	0	0
Petersburg Creek	331	346	0	0	23	61	0	23	0	92	0	29	40	0	0	0	0	0	0	0	0
Other Streams	274	921	0	0	153	350	0	74	44	34	15	32	116	0	0	0	0	0	0	0	0
Lakes	565	572	0	0	0	0	0	0	0	34	0	165	61	0	0	0	0	0	0	0	0
Systems	26	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	750	1,226	165	177	219	356	0	146	44	140	15	169	142	0	0	0	0	0	0	0	0
GRAND TOTAL	1,928	2,879	216	560	670	470	0	321	59	329	15	169	171	0	0	0	3,037	952	487	160	2,482

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A57.-Sitka Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days																				
		Trips	Fished	KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	RCL	OTHER
SALTWATER:																						
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	1,580	1,595	2,895	0	854	763	0	0	526	334	41	0	0	0	0	0	0	1,128	336	298	0	0
Boat - Starrigavan Bay	1,297	2,184	2,649	0	1,045	1,025	0	0	345	102	189	0	0	0	0	0	0	591	483	222	0	0
Boat - Silver Bay	1,569	1,773	2,214	308	502	891	170	0	94	350	11	0	0	16	0	0	0	561	188	90	0	25
Boat - Other Sitka Sound, incl. Vitskari Island	10,989	19,424	27,169	0	12,223	14,074	1,642	0	1,596	1,795	81	0	0	0	0	0	0	8,744	5,054	2,801	0	0
Boat - Salisbury Sound	3,356	5,598	8,883	0	5,003	3,937	110	0	334	129	0	0	0	0	0	0	0	2,183	1,085	862	0	0
Boat - Icy Straight	1,279	1,421	1,969	0	271	351	0	0	141	136	21	0	0	0	0	0	0	1,941	130	0	0	0
Boat - Yakobi Island	375	651	1,834	0	411	874	10	0	22	82	11	0	0	0	0	0	0	394	308	234	0	0
Boat - Hoonah Area	589	923	1,332	0	156	445	52	0	313	47	121	0	0	0	0	0	0	982	120	13	141	17
Boat - Chatham Strait	570	997	1,583	0	47	1,111	11	0	152	58	0	0	0	0	0	0	0	736	296	13	0	8
Boat - Cross Sound	845	1,628	4,273	0	505	1,865	30	0	260	45	21	0	0	0	0	0	0	1,413	357	307	0	0
Boat - Elfin Cove	240	516	1,024	0	331	412	11	0	162	44	11	0	0	0	0	0	0	418	145	69	0	0
Boat - Kruzof Island	1,260	1,658	2,389	0	1,618	2,131	21	0	206	145	0	0	0	0	0	0	0	2,332	485	449	0	0
Boat - Baranof Island	360	755	1,174	0	167	575	210	0	0	9	0	0	0	0	0	0	0	405	451	8	0	0
Boat - Chichagof Island	411	301	902	0	293	282	31	0	154	71	21	0	0	0	0	0	0	233	67	21	0	0
Boat - Tenakee Inlet	195	319	567	0	12	178	0	0	206	116	0	0	0	0	0	0	0	146	171	0	0	0
Boat - Other	5,456	9,659	14,933	12	4,083	7,188	299	0	911	302	267	0	0	0	0	0	0	4,835	2,148	1,188	0	232
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	254	551	680	0	39	21	0	0	32	0	0	0	0	0	0	0	0	0	20	0	0	0
Shoreline - Starrigavan Bay	555	1,209	1,389	0	0	11	0	0	776	0	268	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other Sitka Sound	1,321	1,476	2,122	49	888	516	217	0	206	51	109	0	0	0	0	0	0	461	155	138	0	0
Shoreline - Other	761	808	1,461	0	169	475	148	0	154	0	11	0	0	20	0	0	0	49	79	0	0	0
SALTWATER TOTAL	25,825^d	53,446	81,442	369	28,617	37,125	2,962	0	6,590	3,816	1,183	0	0	36	0	0	0	27,552	12,078	6,713	141	282
FRESHWATER:																						
Eva Lake System (Lake, Stream)	390	561	738	0	0	78	81	0	22	116	128	0	0	10	0	0	0	0	0	0	0	0
Baranof System (Lake, Stream)	671	764	1,111	0	0	0	0	0	0	0	176	0	0	337	0	0	0	0	0	0	0	0
Other Systems	302	570	914	0	0	11	0	0	76	0	43	0	127	147	0	0	0	0	0	0	0	0
Other Streams	1,067	1,816	2,357	0	0	619	222	0	203	58	454	0	12	86	0	0	0	0	0	0	0	0
Other Lakes	525	1,129	2,003	0	0	120	244	0	11	290	321	0	144	89	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,490^d	4,840	7,123	0	0	828	547	0	312	464	1,122	0	283	669	0	0	0	0	0	0	0	0
GRAND TOTAL	26,467^d	58,286	88,565	369	28,617	37,953	3,509	0	6,902	4,280	2,305	0	283	705	0	0	0	27,552	12,078	6,713	141	282

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

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

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

Appendix A58.-Sitka Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	RCL	OTHER
	Trips	Fished																			
SALTWATER:																					
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	227	513	0	205	271	0	0	255	145	41	0	0	0	0	0	0	272	136	107	0	0
Boat - Starrigavan Bay	545	637	0	412	315	0	0	145	72	143	0	0	0	0	0	0	182	188	90	0	0
Boat - Silver Bay	350	392	133	183	428	151	0	43	170	11	0	0	16	0	0	0	183	111	46	0	25
Boat - Other Sitka Sound, incl. Vitskari Island	2,442	2,711	0	979	1,711	928	0	304	596	82	0	0	0	0	0	0	803	630	321	0	0
Boat - Salisbury Sound	677	1,046	0	643	824	100	0	173	54	0	0	0	0	0	0	0	386	256	183	0	0
Boat - Icy Straight	267	376	0	140	132	0	0	83	113	21	0	0	0	0	0	0	392	66	0	0	0
Boat - Yakobi Island	216	1,176	0	161	503	10	0	22	78	11	0	0	0	0	0	0	154	138	121	0	0
Boat - Hoonah Area	266	328	0	98	255	44	0	224	27	79	0	0	0	0	0	0	333	64	13	143	16
Boat - Chatham Strait	292	379	0	45	593	11	0	69	36	0	0	0	0	0	0	0	206	206	14	0	8
Boat - Cross Sound	450	2,292	0	153	681	30	0	163	44	21	0	0	0	0	0	0	345	163	113	0	0
Boat - Elfin Cove	186	309	0	133	240	10	0	101	45	11	0	0	0	0	0	0	144	84	41	0	0
Boat - Kruzof Island	280	362	0	299	601	15	0	113	85	0	0	0	0	0	0	0	425	129	137	0	0
Boat - Baranof Island	344	403	0	74	285	186	0	0	9	0	0	0	0	0	0	0	170	287	8	0	0
Boat - Chichagof Island	98	281	0	148	179	23	0	118	51	22	0	0	0	0	0	0	110	51	16	0	0
Boat - Tenakee Inlet	113	177	0	11	119	0	0	180	80	0	0	0	0	0	0	0	64	93	0	0	0
Boat - Other	1,386	1,764	12	759	1,025	149	0	297	111	143	0	0	0	0	0	0	522	576	215	0	228
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	239	260	0	39	19	0	0	25	0	0	0	0	0	0	0	0	0	20	0	0	0
Shoreline - Starrigavan Bay	381	401	0	0	11	0	0	346	0	207	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other Sitka Sound	273	406	39	327	348	149	0	130	30	70	0	0	0	0	0	0	223	79	89	0	0
Shoreline - Other	208	333	0	94	273	130	0	116	0	11	0	0	19	0	0	0	49	61	0	0	0
SALTWATER TOTAL	3,107	4,535	138	1,621	2,591	986	0	760	689	319	0	0	26	0	0	0	1,383	1,039	506	143	230
FRESHWATER:																					
Eva Lake System (Lake, Stream)	279	308	0	0	66	66	0	22	119	115	0	0	10	0	0	0	0	0	0	0	0
Baranof System (Lake, Stream)	196	260	0	0	0	0	0	0	0	130	0	0	137	0	0	0	0	0	0	0	0
Other Systems	264	342	0	0	12	0	0	59	0	31	0	81	104	0	0	0	0	0	0	0	0
Other Streams	397	481	0	0	239	138	0	86	59	191	0	12	46	0	0	0	0	0	0	0	0
Other Lakes	368	728	0	0	99	194	0	11	283	219	0	84	64	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	689	998	0	0	262	244	0	107	315	338	0	114	187	0	0	0	0	0	0	0	0
GRAND TOTAL	3,175	4,610	138	1,621	2,604	1,021	0	767	752	463	0	114	188	0	0	0	1,383	1,039	506	143	230

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

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A59.-Juneau Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days																			
			Fished	KI ^c	KS ^c	SS	LL	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER
SALTWATER:																						
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	14,613	32,756	43,542	29	8,115	11,546	0	223	0	2,610	1,415	617	0	0	85	0	0	0	8,730	1,374	581	116
Boat - Angoon Area	1,954	2,658	4,322	0	1,039	3,854	0	21	0	2,229	387	32	0	0	0	0	0	116	4,164	1,361	358	46
Boat - Stephens Passage	1,738	2,717	3,889	0	360	281	0	90	0	167	27	21	0	0	0	0	0	0	1,074	109	13	8
Boat - Lynn Canal	1,720	2,166	2,788	0	268	570	0	0	0	114	91	27	0	0	0	0	0	116	1,324	490	16	23
Boat - Admiralty Island	951	1,428	2,065	0	178	860	0	10	0	662	74	0	0	0	29	0	0	0	811	207	65	251
Boat - Funter Bay	829	1,057	1,434	0	429	366	0	11	0	639	75	29	0	0	0	0	0	0	294	338	0	17
Boat - Sheep Creek Area	314	652	753	58	120	11	0	0	0	76	15	14	0	0	0	0	0	0	62	0	0	0
Boat - Hand Troller Cove	726	1,089	1,508	0	51	634	0	0	0	448	86	0	0	0	0	0	0	0	50	28	0	0
Boat - Other	5,185	7,056	10,049	0	2,213	4,160	0	125	0	2,327	319	136	0	0	0	0	0	0	4,418	666	366	32
Shoreline - Sheep Creek Area	807	1,666	1,871	0	133	156	0	0	0	393	56	667	0	0	0	0	0	0	25	0	0	0
Shoreline - Auke Creek Mouth	877	988	1,401	7	207	114	0	0	0	22	15	197	0	0	0	0	0	0	32	0	15	201
Shoreline - Gastineau Hatchery - DIPAC	3,593	10,466	12,249	337	895	3,070	0	20	0	2,732	1,859	1,346	0	0	24	0	0	0	10	0	0	156
Shoreline - Other Juneau Road System	3,165	6,185	8,512	43	324	644	0	42	0	941	15	1,136	0	0	16	0	0	0	45	0	0	193
Shoreline - Other	1,204	1,744	2,304	0	338	285	0	160	0	386	131	364	0	0	114	0	0	41	243	162	13	8
SALTWATER TOTAL	28,161 ^d	72,628	96,687	474	14,670	26,551	0	702	0	13,746	4,565	4,586	0	0	268	0	0	273	21,282	4,735	1,427	1,051
FRESHWATER:																						
Fish Creek (Douglas Island)	795	1,533	1,690	35	322	0	0	0	0	133	9	106	0	0	26	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	441	991	1,090	0	0	131	0	0	0	87	0	85	8	0	28	0	0	0	0	0	0	0
Cowee Creek	835	1,410	1,555	0	0	271	0	0	0	167	9	442	0	0	0	0	0	0	0	0	0	0
Montana Creek	809	2,184	2,448	20	0	218	0	10	0	0	205	591	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	405	597	704	0	0	10	0	0	0	0	0	150	0	0	16	6	0	0	0	0	0	0
Hasselborg Lake	300	239	529	0	0	0	0	0	29	0	0	108	0	0	34	0	0	0	0	0	0	0
Twin Lakes	441	336	470	0	0	0	195	0	0	0	0	75	0	36	0	0	0	0	0	0	0	0
Other Streams	1,431	1,528	2,307	0	0	211	0	1,244	0	99	15	253	30	0	158	0	0	0	0	0	0	0
Other Lakes	765	946	2,238	0	0	0	0	0	0	0	0	11	0	0	317	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,458 ^d	9,764	13,031	55	322	841	195	1,254	29	486	238	1,821	38	36	579	6	0	0	0	0	0	0
GRAND TOTAL	29,708 ^d	82,392	109,718	529	14,992	27,392	195	1,956	29	14,232	4,803	6,407	38	36	847	6	0	273	21,282	4,735	1,427	1,051

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

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

Appendix A60.-Juneau Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^d	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	2,082	2,765	16	955	1,026	0	60	0	514	261	245	0	0	56	0	0	0	908	316	281	73
Boat - Angoon Area	439	614	0	213	948	0	22	0	677	152	24	0	0	0	0	0	115	655	398	141	46
Boat - Stephens Passage	840	886	0	102	111	0	78	0	113	20	20	0	0	0	0	0	0	292	70	13	8
Boat - Lynn Canal	338	400	0	79	171	0	0	0	55	49	28	0	0	0	0	0	112	301	290	11	23
Boat - Admiralty Island	319	436	0	74	327	0	10	0	290	39	0	0	0	29	0	0	0	266	121	53	252
Boat - Funter Bay	261	328	0	124	117	0	11	0	318	38	28	0	0	0	0	0	0	126	156	0	17
Boat - Sheep Creek Area	337	343	34	74	12	0	0	0	64	15	13	0	0	0	0	0	0	49	0	0	0
Boat - Hand Troller Cove	288	386	0	34	189	0	0	0	188	45	0	0	0	0	0	0	0	29	28	0	0
Boat - Other	845	1,036	0	514	877	0	97	0	612	100	53	0	0	0	0	0	0	636	213	225	24
Shoreline - Sheep Creek Area	521	539	0	101	74	0	0	0	229	29	364	0	0	0	0	0	0	23	0	0	0
Shoreline - Auke Creek Mouth	209	278	7	76	63	0	0	0	22	15	120	0	0	0	0	0	0	22	0	14	139
Shoreline - Gastineau Hatchery - DIPAC	1,618	1,775	142	356	1,288	0	20	0	880	884	524	0	0	25	0	0	0	10	0	0	124
Shoreline - Other Juneau Road System	908	1,549	26	105	207	0	45	0	362	15	415	0	0	16	0	0	0	26	0	0	162
Shoreline - Other	622	667	0	304	189	0	164	0	267	84	196	0	0	81	0	0	42	151	125	14	9
SALTWATER TOTAL	3,280	4,082	147	1,235	2,195	0	226	0	1,507	964	836	0	0	106	0	0	166	1,375	665	397	362
FRESHWATER:																					
Fish Creek (Douglas Island)	384	400	36	167	0	0	0	0	77	9	73	0	0	18	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	312	324	0	0	85	0	0	0	69	0	57	8	0	20	0	0	0	0	0	0	0
Cowee Creek	290	307	0	0	101	0	0	0	118	9	187	0	0	0	0	0	0	0	0	0	0
Montana Creek	501	546	13	0	97	0	10	0	0	182	227	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	204	227	0	0	9	0	0	0	0	0	107	0	0	15	6	0	0	0	0	0	0
Hasselborg Lake	90	197	0	0	0	0	0	28	0	0	105	0	0	20	0	0	0	0	0	0	0
Twin Lakes	98	138	0	0	0	109	0	0	0	0	58	0	36	0	0	0	0	0	0	0	0
Other Streams	290	383	0	0	121	0	431	0	50	14	128	20	0	94	0	0	0	0	0	0	0
Other Lakes	306	615	0	0	0	0	0	0	0	0	11	0	0	139	0	0	0	0	0	0	0
FRESHWATER TOTAL	908	1,134	38	167	205	109	431	28	170	183	367	21	36	172	6	0	0	0	0	0	0
GRAND TOTAL	3,400	4,171	152	1,248	2,197	109	483	28	1,524	982	917	21	36	195	6	0	166	1,375	665	397	362

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A61.-Haines-Skagway Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days																				
		Trips	Fished	KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
SKAGWAY SUB-AREA																						
SALTWATER:																						
Boat	2,224	5,153	6,413	264	842	172	0	0	84	89	53	0	0	0	0	0	0	0	241	182	32	17
Shoreline	326	951	1,372	10	28	118	0	0	108	9	211	0	0	0	0	0	0	0	8	0	0	0
SALTWATER TOTAL	2,458 ^d	6,104	7,785	274	870	290	0	0	192	98	264	0	0	0	0	0	0	0	249	182	32	17
FRESHWATER:																						
Streams	356	1,428	1,476	0	10	53	0	0	50	45	285	0	12	32	0	0	0	0	0	0	0	0
Lakes	265	296	388	0	0	45	0	0	0	29	162	0	0	0	155	0	0	0	0	0	0	0
FRESHWATER TOTAL	532 ^d	1,724	1,864	0	10	98	0	0	50	74	447	0	12	32	155	0	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	2,791 ^d	7,828	9,649	274	880	388	0	0	242	172	711	0	12	32	155	0	0	0	249	182	32	17
HAINES SUB-AREA																						
SALTWATER:																						
Boat - Lynn Canal	561	665	1,118	0	66	0	0	0	45	0	7	0	0	0	0	0	0	0	203	47	0	0
Boat - Other	1,774	3,067	4,416	0	389	31	7	0	11	0	501	0	0	0	0	0	0	0	555	74	8	0
Shoreline	419	1,056	1,438	0	0	0	22	0	162	0	848	0	0	0	0	0	0	0	0	20	0	0
SALTWATER TOTAL	2,581 ^d	4,788	6,972	0	455	31	29	0	218	0	1,356	0	0	0	0	0	0	0	758	141	8	0
FRESHWATER:																						
Chilkoot River	1,844	3,030	4,760	0	0	127	471	0	1,741	144	705	0	0	0	0	0	0	0	0	0	0	0
Chilkat River	1,207	1,850	3,352	0	0	958	135	0	97	76	1,017	0	0	122	0	0	4	0	0	0	0	0
Other Streams	277	325	643	0	0	118	22	0	30	27	92	0	0	0	0	0	0	0	0	0	0	0
Chilkoot Lake	1,140	1,097	2,016	0	0	105	7	0	77	15	557	0	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	468	680	1,199	0	0	103	90	0	147	9	519	0	0	159	0	0	0	0	0	0	0	0
Other Lakes	135	1,009	1,054	0	0	20	30	0	0	0	716	0	0	187	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,603 ^d	7,991	13,024	0	0	1,431	755	0	2,092	271	3,606	0	0	468	0	0	4	0	0	0	0	0
HAINES SUB-AREA TOTAL	5,278 ^d	12,779	19,996	0	455	1,462	784	0	2,310	271	4,962	0	0	468	0	0	4	0	758	141	8	0
GRAND TOTAL	7,504 ^d	20,607	29,645	274	1,335	1,850	784	0	2,552	443	5,673	0	12	500	155	0	4	0	1,007	323	40	17

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI in is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

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

Appendix A62.-Haines-Skagway Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Trips	Days Fished	KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
SKAGWAY SUB-AREA																					
SALTWATER:																					
Boat	1,312	1,366	110	172	66	0	0	39	53	45	0	0	0	0	0	0	0	89	142	24	16
Shoreline	444	644	10	21	114	0	0	112	9	120	0	0	0	0	0	0	0	9	0	0	0
SALTWATER TOTAL	1,370	1,485	110	173	133	0	0	119	54	125	0	0	0	0	0	0	0	90	142	24	16
FRESHWATER:																					
Streams	663	661	0	10	29	0	0	38	32	185	0	12	31	0	0	0	0	0	0	0	0
Lakes	134	150	0	0	44	0	0	0	29	164	0	0	0	123	0	0	0	0	0	0	0
FRESHWATER TOTAL	677	678	0	10	53	0	0	38	43	253	0	12	31	123	0	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	1,532	1,640	110	174	142	0	0	126	69	279	0	12	31	123	0	0	0	90	142	24	16
HAINES SUB-AREA																					
SALTWATER:																					
Boat - Lynn Canal	195	302	0	32	0	0	0	47	0	7	0	0	0	0	0	0	0	70	27	0	0
Boat - Other	525	646	0	125	30	7	0	11	0	300	0	0	0	0	0	0	0	126	49	7	0
Shoreline	358	412	0	0	0	21	0	85	0	417	0	0	0	0	0	0	0	0	19	0	0
SALTWATER TOTAL	657	819	0	128	30	22	0	99	0	516	0	0	0	0	0	0	0	143	60	7	0
FRESHWATER:																					
Chilkoot River	565	780	0	0	57	146	0	503	100	301	0	0	0	0	0	0	0	0	0	0	0
Chilkat River	365	693	0	0	282	77	0	55	42	384	0	0	56	0	0	4	0	0	0	0	0
Other Streams	105	216	0	0	112	22	0	30	25	55	0	0	0	0	0	0	0	0	0	0	0
Chilkoot Lake	253	438	0	0	47	7	0	49	14	219	0	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	222	427	0	0	82	66	0	123	9	209	0	0	77	0	0	0	0	0	0	0	0
Other Lakes	615	615	0	0	19	29	0	0	0	532	0	0	117	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	997	1,380	0	0	321	184	0	519	113	824	0	0	156	0	0	4	0	0	0	0	0
HAINES SUB-AREA TOTAL	1,196	1,606	0	128	321	185	0	529	113	953	0	0	156	0	0	4	0	143	60	7	0
GRAND TOTAL	1,945	2,277	110	211	354	185	0	542	129	995	0	12	159	123	0	4	0	164	154	25	16

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches; KS is chinook salmon 28 inches and over.

Appendix A63.-Glacier Bay Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days			KI ^c	KS ^c	SS	RS	KO	PS	CS	DV	SH	RT	CT	WF	SM	HA	RF	LC	OTHER
		Trips	Fished																		
SALTWATER:																					
Boat - Icy Straits	2,603	3,819	5,846	0	862	1,874	50	0	634	47	241	0	0	0	0	0	3,088	330	0	0	
Boat - Glacier Bay	2,037	2,630	4,247	0	273	877	164	0	413	0	11	0	0	0	0	0	2,747	303	132	50	
Boat - Excursion Inlet	1,095	1,751	2,693	0	1,138	773	50	0	316	9	1,723	0	0	0	0	0	571	84	0	0	
Boat - Gustavus Area	2,169	3,358	5,411	0	636	1,018	0	0	1,106	100	94	0	0	0	0	0	2,456	99	26	17	
Boat - Other	507	392	668	0	86	77	0	0	64	9	0	0	0	0	0	0	331	0	26	0	
Shoreline	419	813	1,218	0	98	521	0	0	226	0	332	0	0	0	0	0	49	20	13	0	
SALTWATER TOTAL	6,702 ^d	12,763	20,083	0	3,093	5,140	264	0	2,759	165	2,401	0	0	0	0	0	9,242	836	197	67	
FRESHWATER:																					
Bartlett River	464	906	1,763	0	0	350	261	0	119	0	91	8	0	10	0	0	0	0	0	0	
Salmon River	349	723	824	0	0	230	0	0	438	0	227	11	0	70	0	0	0	0	0	0	
Streams	315	279	477	0	0	235	10	0	368	0	27	0	0	16	0	0	0	0	0	0	
Lakes	15	23	23	0	0	0	0	0	0	0	41	0	0	8	0	0	0	0	0	0	
FRESHWATER TOTAL	979 ^d	1,931	3,087	0	0	815	271	0	925	0	386	19	0	104	0	0	0	0	0	0	
GRAND TOTAL	7,028 ^d	14,694	23,170	0	3,093	5,955	535	0	3,684	165	2,787	19	0	104	0	0	9,242	836	197	67	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

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

Appendix A64.-Glacier Bay Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	WF	SM	HA	RF	LC	OTHER
	Trips	Fished																	
SALTWATER:																			
Boat - Icy Straits	634	895	0	187	634	49	0	209	32	177	0	0	0	0	0	480	161	0	0
Boat - Glacier Bay	966	1,071	0	122	303	117	0	149	0	11	0	0	0	0	0	612	195	69	36
Boat - Excursion Inlet	354	553	0	361	345	49	0	158	9	1,098	0	0	0	0	0	168	60	0	0
Boat - Gustavus Area	593	1,071	0	174	412	0	0	470	52	66	0	0	0	0	0	435	45	18	16
Boat - Other	151	196	0	61	69	0	0	45	9	0	0	0	0	0	0	175	0	26	0
Shoreline	264	357	0	100	301	0	0	131	0	189	0	0	0	0	0	40	20	13	0
SALTWATER TOTAL	1,360	1,856	0	478	919	134	0	578	62	1,135	0	0	0	0	0	902	275	77	40
FRESHWATER:																			
Bartlett River	299	623	0	0	152	187	0	76	0	60	8	0	10	0	0	0	0	0	0
Salmon River	256	272	0	0	112	0	0	251	0	96	11	0	39	0	0	0	0	0	0
Streams	106	195	0	0	191	10	0	257	0	27	0	0	16	0	0	0	0	0	0
Lakes	23	23	0	0	0	0	0	0	0	40	0	0	8	0	0	0	0	0	0
FRESHWATER TOTAL	414	718	0	0	271	187	0	366	0	123	13	0	44	0	0	0	0	0	0
GRAND TOTAL	1,441	2,038	0	478	965	235	0	702	62	1,141	13	0	44	0	0	902	275	77	40

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

Appendix A65.-Yakutat Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Days																				
	Anglers	Trips	Fished	KI ^c	KS ^d	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	NP	SM	HA	RF	LC	OTHER
SALTWATER:																					
Boat - Yakutat Bay	3,160	3,660	5,132	0	480	4,392	95	0	54	44	0	0	0	0	0	0	0	4,261	1,237	1,762	0
Boat - Other	358	414	698	0	22	245	10	0	18	0	0	0	0	0	0	0	0	576	129	272	0
Shoreline - Yakutat Bay	441	772	876	0	0	178	0	0	238	0	0	0	0	0	0	0	0	89	30	39	0
Shoreline - Other	120	113	230	0	12	379	85	0	239	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	3,595 e	4,959	6,936	0	514	5,194	190	0	549	44	0	0	0	0	0	0	0	4,926	1,396	2,073	0
FRESHWATER:																					
Situk River, above weir	3,293	5,874	9,548	467	960	2,345	3,869	0	2,128	0	609	62	0	0	0	0	0	0	0	0	33
Situk River, below weir	2,396	4,358	6,896	163	638	2,304	4,252	0	1,137	44	131	39	0	0	0	0	0	0	0	0	0
Tsiu River	506	554	1,366	0	0	2,283	40	0	0	0	27	0	0	0	0	0	0	0	0	0	0
East Alsek River	240	631	1,098	0	128	546	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	751	1,422	2,101	0	12	2,169	11	0	119	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	510	753	1,542	35	12	920	64	0	173	0	42	0	0	10	0	0	0	0	0	0	0
Ankau System (River, Lagoons, Outlet)	180	190	242	0	0	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakes	60	74	154	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	5,703 e	13,856	22,947	665	1,750	10,812	8,247	0	3,557	44	809	101	30	10	0	0	0	0	0	0	33
GRAND TOTAL	6,613 e	18,815	29,883	665	2,264	16,006	8,437	0	4,106	88	809	101	30	10	0	0	0	4,926	1,396	2,073	33

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

^b Refer to Appendix A3 for common names and species abbreviations.

^c KI is chinook salmon less than 28 inches in saltwater; chinook salmon less than 16 inches in freshwater.

^d KS is chinook salmon 28 inches and over in saltwater; chinook salmon 16 inches and over in freshwater.

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

Appendix A66.-Yakutat Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KI ^d	KS ^e	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	NP	SM	HA	RF	LC	OTHER	
	Trips	Fished																			
SALTWATER:																					
Boat - Yakutat Bay	396	534	0	123	990	80	0	54	33	0	0	0	0	0	0	0	461	340	286	0	
Boat - Other	147	231	0	21	177	10	0	18	0	0	0	0	0	0	0	0	198	80	217	0	
Shoreline - Yakutat Bay	200	221	0	0	80	0	0	141	0	0	0	0	0	0	0	0	53	29	30	0	
Shoreline - Other	81	127	0	12	325	87	0	220	0	0	0	0	0	0	0	0	0	0	0	0	
SALTWATER TOTAL	481	662	0	125	1,061	118	0	262	33	0	0	0	0	0	0	0	514	351	368	0	
FRESHWATER:																					
Situk River, above weir	742	992	191	228	499	1,016	0	878	0	271	30	0	0	0	0	0	0	0	0	34	
Situk River, below weir	586	812	61	151	520	1,116	0	459	32	62	39	0	0	0	0	0	0	0	0	0	
Tsiu River	130	307	0	0	593	41	0	0	0	27	0	0	0	0	0	0	0	0	0	0	
East Alsek River	297	383	0	70	241	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lost River	318	398	0	12	597	11	0	83	0	0	0	0	0	0	0	0	0	0	0	0	
Other Streams	206	352	25	11	298	63	0	105	0	26	0	0	10	0	0	0	0	0	0	0	
Ankau System (River, Lagoons, Outlet)	63	88	0	0	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lakes	41	98	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	
FRESHWATER TOTAL	1,050	1,448	201	277	1,158	1,485	0	1,027	32	282	50	20	10	0	0	0	0	0	0	34	
GRAND TOTAL	1,150	1,601	201	304	1,585	1,490	0	1,068	46	282	50	20	10	0	0	0	514	351	368	34	

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

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d KI is chinook salmon less than 28 inches in saltwater; chinook salmon less than 16 inches in freshwater.

^e 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^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days							DV								
		Trips	Fished	KS	SS	LL	RS	KO	LT	AC	SH	RT	GR	WF	BB	OTHER	
Gulkana River (Paxson to Sourdough)	4,797	4,379	10,109	1,825	0	0	1,242	0	109	0	0	0	1,605	39	26	23	
Gulkana River (Sourdough to Highway)	6,710	6,063	10,540	2,514	0	0	2,469	0	0	0	0	0	568	0	0	0	
Gulkana River Other	1,596	1,512	2,944	355	0	0	512	0	23	0	0	0	317	0	0	0	
Klutina River	6,300	7,259	11,569	3,344	0	0	6,491	0	22	485	0	12	155	14	0	0	
Mendeltna Creek	611	479	715	0	0	0	0	0	0	0	0	0	462	0	0	0	
Tonsina River	875	648	988	131	0	0	39	0	0	107	0	0	0	0	0	0	
Other Streams	2,476	2,134	3,972	177	96	0	1,166	0	40	179	0	120	1,985	68	0	0	
Lake Louise	2,466	1,665	3,544	0	0	0	0	0	585	0	0	0	333	0	0	0	
Susitna Lake	343	391	689	0	0	0	0	0	52	0	0	0	162	0	198	0	
Van (Silver) Lake	553	467	917	0	0	0	0	0	0	0	0	878	0	0	0	0	
Paxson Lake	1,922	1,565	2,517	0	0	0	122	0	452	0	0	0	280	13	535	0	
Summit Lake (near Paxson)	1,172	992	1,675	0	0	0	200	0	158	0	0	0	0	0	77	0	
Crosswind Lake	433	452	865	0	0	0	21	0	96	0	0	0	202	0	174	0	
Other Lakes	3,163	2,945	5,213	0	0	331	31	0	386	321	0	1,802	2,514	0	348	33	
TOTAL	24,893	c 30,951	56,257	8,346	96	331	12,293	0	1,923	1,092	0	2,812	8,583	134	1,358	56	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV												
	Trips	Fished	KS	SS	LL	RS	KO	LT	AC	SH	RT	GR	WF	BB	OTHER
Gulkana River (Paxson to Sourdough)	539	1,075	284	0	0	360	0	56	0	0	0	531	40	26	22
Gulkana River (Sourdough to Highway)	528	912	272	0	0	465	0	0	0	0	0	231	0	0	0
Gulkana River Other	320	574	103	0	0	196	0	23	0	0	0	133	0	0	0
Klutina River	748	1,040	339	0	0	1,069	0	21	175	0	12	90	13	0	0
Mendeltna Creek	113	176	0	0	0	0	0	0	0	0	0	173	0	0	0
Tonsina River	162	198	46	0	0	30	0	0	73	0	0	0	0	0	0
Other Streams	258	487	72	73	0	383	0	39	105	0	120	535	66	0	0
Lake Louise	226	515	0	0	0	0	0	136	0	0	0	171	0	0	0
Susitna Lake	125	233	0	0	0	0	0	28	0	0	0	94	0	139	0
Van (Silver) Lake	113	246	0	0	0	0	0	0	0	0	303	0	0	0	0
Paxson Lake	237	363	0	0	0	57	0	123	0	0	0	119	13	296	0
Summit Lake (near Paxson)	207	365	0	0	0	149	0	72	0	0	0	0	0	53	0
Crosswind Lake	199	377	0	0	0	21	0	43	0	0	0	150	0	85	0
Other Lakes	343	575	0	0	190	23	0	113	206	0	579	547	0	168	36
TOTAL	1,313	2,174	552	73	190	1,308	0	247	301	0	666	1,023	79	374	42

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A69.-Prince William Sound Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days			DV																
			Fished	KS	SS	RS	PS	CS	LT	AC	SH	RT	CT	GR	WF	SM	HA	SK	RF	LC	RCL	OTHER
SALTWATER:																						
Boat - Valdez Bay (including Port Valdez)	16,562	15,798	29,645	975	33,142	337	6,346	647	0	246	0	0	107	0	0	0	9,792	25	4,305	891	0	377
Boat - Passage Canal (Whittier)	3,944	3,594	6,505	177	522	227	414	86	0	0	0	0	10	0	0	0	3,168	0	1,236	385	0	176
Boat - Orca Inlet	2,513	3,704	5,705	138	1,215	53	754	95	0	43	0	0	0	0	0	0	2,651	0	1,048	142	0	42
Boat - Esther Island	2,032	2,459	4,749	96	457	252	359	204	0	54	0	0	0	0	0	0	971	0	1,353	118	0	155
Boat - Montague Island	2,833	1,927	3,266	0	787	0	28	0	0	54	0	0	0	0	0	0	3,793	0	1,326	459	0	48
Boat - Hinchinbrook Area	568	343	1,261	39	39	0	0	0	0	0	0	0	0	0	0	0	1,479	0	291	511	0	0
Boat - Other	6,106	10,463	16,800	261	4,271	1,291	1,702	479	0	357	0	0	49	0	0	54	6,320	55	5,618	1,069	0	62
Shoreline - Valdez Road System	4,778	6,239	8,946	77	1,886	438	7,652	269	0	173	15	0	0	0	0	0	49	0	10	0	0	434
Shoreline - Orca Inlet	872	1,734	2,381	534	601	0	83	0	0	0	0	0	0	0	0	0	10	0	0	0	72	0
Shoreline - Remainder of Valdez Arm	5,156	4,659	7,767	141	1,224	302	8,123	428	0	14	0	0	0	0	0	539	37	0	108	13	0	1,191
Shoreline - Other	1,026	1,404	2,591	196	631	30	498	29	0	73	0	0	49	0	0	0	186	0	108	0	0	15
SALTWATER TOTAL	39,219^c	52,324	89,616	2,634	44,775	2,930	25,959	2,237	0	1,014	15	0	215	0	0	593	28,456	80	15,403	3,588	72	2,500
FRESHWATER:																						
Eyak River	984	1,564	1,986	0	1,549	180	0	0	0	43	0	0	16	0	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	284	290	823	0	78	240	76	0	0	68	0	0	81	0	0	0	0	0	0	0	0	0
Robe River Drainage	329	624	703	0	39	0	11	44	0	81	0	0	0	0	0	0	0	0	0	0	0	0
Alaganik Slough	645	967	1,283	0	789	150	0	0	0	129	0	0	10	0	0	0	0	0	0	0	0	8
Coghill River	312	219	375	0	0	788	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	833	1,235	1,641	20	352	589	0	36	0	158	0	0	113	0	0	0	0	0	0	0	0	0
Other Streams	1,587	2,433	3,246	49	1,437	169	235	276	0	663	31	50	82	109	0	0	0	0	0	0	0	0
Other Lakes	810	855	1,406	0	126	40	97	0	0	11	0	375	125	10	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,401^c	8,187	11,463	69	4,370	2,156	478	356	0	1,153	31	425	427	119	0	0	0	0	0	0	0	8
GRAND TOTAL	41,268^c	60,511	101,079	2,703	49,145	5,086	26,437	2,593	0	2,167	46	425	642	119	0	593	28,456	80	15,403	3,588	72	2,508

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A70.-Prince William Sound Area^a standard errors^b of sport fish harvest by fisheries and species^c, 1997.

	Days		DV																		
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	SH	RT	CT	GR	WF	SM	HA	SK	RF	LC	RCL	OTHER
SALTWATER:																					
Boat - Valdez Bay (including Port Valdez)	951	1,974	256	2,852	133	834	190	0	148	0	0	80	0	0	0	755	25	700	207	0	255
Boat - Passage Canal (Whittier)	439	781	56	147	120	168	55	0	0	0	0	10	0	0	0	448	0	237	130	0	109
Boat - Orca Inlet	603	978	77	360	40	333	52	0	44	0	0	0	0	0	0	508	0	289	55	0	42
Boat - Esther Island	438	841	56	184	122	124	84	0	56	0	0	0	0	0	0	228	0	440	53	0	151
Boat - Montague Island	234	420	0	268	0	20	0	0	53	0	0	0	0	0	0	496	0	462	125	0	30
Boat - Hinchinbrook Area	79	728	39	23	0	0	0	0	0	0	0	0	0	0	0	760	0	216	465	0	0
Boat - Other	2,373	2,821	140	983	380	538	276	0	163	0	0	51	0	0	56	742	35	1,063	259	0	39
Shoreline - Valdez Road System	925	1,048	56	394	213	1,127	136	0	139	16	0	0	0	0	0	51	0	10	0	0	421
Shoreline - Orca Inlet	386	481	160	262	0	59	0	0	0	0	0	0	0	0	0	10	0	0	0	72	0
Shoreline - Remainder of Valdez Arm	634	782	103	315	135	1,402	153	0	14	0	0	0	0	0	540	35	0	83	13	0	640
Shoreline - Other	346	495	90	243	31	281	29	0	53	0	0	49	0	0	0	109	0	55	0	0	16
SALTWATER TOTAL	2,952	4,154	387	3,112	505	2,115	415	0	275	16	0	107	0	0	543	1,613	43	1,467	614	72	796
FRESHWATER:																					
Eyak River	298	396	0	416	104	0	0	0	42	0	0	16	0	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	98	352	0	58	187	73	0	0	67	0	0	80	0	0	0	0	0	0	0	0	0
Robe River Drainage	323	330	0	38	0	11	43	0	80	0	0	0	0	0	0	0	0	0	0	0	0
Alaganik Slough	250	329	0	215	98	0	0	0	84	0	0	10	0	0	0	0	0	0	0	0	8
Coghill River	70	114	0	0	331	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	229	361	14	131	257	0	34	0	66	0	0	103	0	0	0	0	0	0	0	0	0
Other Streams	460	518	50	616	96	131	159	0	251	24	29	36	67	0	0	0	0	0	0	0	0
Other Lakes	184	279	0	63	28	69	0	0	11	0	180	58	10	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	767	1,013	52	800	480	172	168	0	286	24	181	151	68	0	0	0	0	0	0	0	8
GRAND TOTAL	3,064	4,297	392	3,181	687	2,117	450	0	402	28	181	189	68	0	543	1,613	43	1,467	614	72	796

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A71.-Knik Arm Drainage Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days			KS	SS	LL	RS	KO	PS	CS	LT	DV							
		Trips	Fished										AC	RT	GR	WF	NP	BB	SM	LC
SALTWATER:																				
Boat	75	98	289	0	67	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	150	287	383	0	120	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	225^c	385	672	0	187	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																				
Little Susitna River	13,486	20,255	27,883	2,938	7,756	0	1,845	0	319	241	0	122	348	50	14	0	13	0	0	0
Knik River and Tributaries, including Jim Creek	3,066	4,254	5,349	0	1,786	0	864	0	9	0	0	723	0	0	38	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	945	892	1,188	0	708	0	20	0	0	0	0	0	29	0	0	0	0	0	0	0
Cottonwood Creek	1,305	1,673	2,070	0	372	0	1,008	0	18	0	0	0	215	0	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	865	675	1,104	0	148	0	122	0	0	0	0	95	321	20	0	0	0	0	0	0
Eklutna Power Plant Raceway	2,237	3,116	3,835	0	728	0	100	0	9	143	0	554	36	0	0	0	0	0	0	0
Other Streams	510	453	1,385	0	88	0	11	0	22	9	0	265	36	10	0	0	0	0	0	0
Wasilla Lake	597	1,058	1,132	0	0	0	0	0	0	0	0	0	475	0	0	0	0	0	0	31
Finger Lake	3,584	5,122	7,242	0	0	7,791	0	0	0	0	0	54	3,720	294	0	34	0	0	0	0
Kepler Lake Complex	4,415	6,304	8,139	0	0	2,081	0	0	0	0	0	255	8,407	661	0	0	0	0	0	15
Big Lake	3,836	7,996	9,644	0	0	345	0	0	0	0	0	2,408	2,083	0	6	0	696	0	0	0
Long Lake (Mile 85 Glenn Highway)	507	406	625	0	0	0	0	0	0	0	10	0	191	156	0	0	0	0	0	0
Memory Lake	347	735	992	0	0	595	0	0	0	0	0	0	406	0	0	27	0	0	0	0
Bonnie Lake	321	529	658	0	0	16	0	0	0	0	0	0	520	601	0	0	0	0	0	0
Cottonwood Lake	420	811	940	0	0	65	0	0	0	0	0	0	359	0	0	0	0	0	0	0
Flat Horn Lake	495	979	1,105	0	0	0	0	0	0	0	0	0	0	0	0	2,007	0	0	0	0
Lucille Lake	516	394	804	0	0	0	0	0	0	0	0	0	335	0	0	0	0	0	0	0
Lorraine Lake	450	729	1,034	0	0	0	0	0	0	0	0	0	896	118	0	0	0	0	0	0
Figure Eight Lake	285	658	785	0	0	0	0	0	0	0	0	0	0	0	0	1,354	0	0	0	0
Nancy Lake	1,747	2,060	2,825	0	0	106	30	0	0	0	0	95	429	0	24	84	0	0	0	0
South Rolly Lake	585	330	591	0	0	0	0	0	0	0	0	0	179	0	0	0	0	0	0	0
Nancy Lake Recreation Area, Other Fishing Sites	2,188	2,258	3,859	0	0	16	0	0	0	0	10	0	355	0	14	1,256	0	0	0	23
Other Lakes	4,557	8,946	11,869	0	0	584	0	0	0	0	0	68	6,355	28	0	96	0	0	0	0
FRESHWATER TOTAL	32,330^c	70,633	95,058	2,938	11,586	11,599	4,000	0	377	393	20	4,639	25,695	1,938	96	4,858	709	0	0	69
GRAND TOTAL	32,375^c	71,018	95,730	2,938	11,773	11,599	4,095	0	377	393	20	4,639	25,695	1,938	96	4,858	709	0	0	69

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A72.-Knik Arm Drainage Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KS	SS	LL	RS	KO	PS	CS	LT	DV								
	Trips	Fished									RT	GR	WF	NP	BB	SM	LC	OTHER	
SALTWATER:																			
Boat	55	218	0	69	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	119	175	0	98	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	129	282	0	120	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																			
Little Susitna River	1,658	2,174	382	973	0	471	0	161	83	0	89	147	31	14	0	13	0	0	0
Knik River and Tributaries, including Jim Creek	571	727	0	400	0	283	0	9	0	0	251	0	0	30	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	175	251	0	182	0	14	0	0	0	0	0	30	0	0	0	0	0	0	0
Cottonwood Creek	300	358	0	116	0	288	0	18	0	0	0	124	0	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	130	218	0	65	0	63	0	0	0	0	82	225	19	0	0	0	0	0	0
Eklutna Power Plant Raceway	450	527	0	170	0	44	0	9	68	0	341	36	0	0	0	0	0	0	0
Other Streams	160	781	0	72	0	11	0	21	9	0	182	35	10	0	0	0	0	0	0
Wasilla Lake	334	337	0	0	0	0	0	0	0	0	0	251	0	0	0	0	0	0	32
Finger Lake	794	1,115	0	0	2,223	0	0	0	0	0	34	754	109	0	34	0	0	0	0
Kepler Lake Complex	786	934	0	0	1,152	0	0	0	0	0	159	1,830	340	0	0	0	0	0	16
Big Lake	2,589	2,628	0	0	155	0	0	0	0	0	497	454	0	6	0	462	0	0	0
Long Lake (Mile 85 Glenn Highway)	113	160	0	0	0	0	0	0	0	10	0	85	155	0	0	0	0	0	0
Memory Lake	292	368	0	0	352	0	0	0	0	0	0	262	0	0	28	0	0	0	0
Bonnie Lake	234	271	0	0	16	0	0	0	0	0	0	284	329	0	0	0	0	0	0
Cottonwood Lake	328	346	0	0	48	0	0	0	0	0	0	154	0	0	0	0	0	0	0
Flat Horn Lake	477	484	0	0	0	0	0	0	0	0	0	0	0	0	1,59	0	0	0	0
Lucille Lake	106	255	0	0	0	0	0	0	0	0	0	172	0	0	0	0	0	0	0
Lorraine Lake	292	441	0	0	0	0	0	0	0	0	0	330	92	0	0	0	0	0	0
Figure Eight Lake	248	302	0	0	0	0	0	0	0	0	0	0	0	0	792	0	0	0	0
Nancy Lake	682	716	0	0	98	22	0	0	0	0	81	170	0	16	32	0	0	0	0
South Rolly Lake	81	141	0	0	0	0	0	0	0	0	0	173	0	0	0	0	0	0	0
Nancy Lake Recreation Area, Other Fishing Sites	332	659	0	0	16	0	0	0	0	10	0	253	0	13	491	0	0	0	24
Other Lakes	1,374	1,542	0	0	212	0	0	0	0	0	56	989	19	0	50	0	0	0	0
FRESHWATER TOTAL	3,761	4,375	382	1,119	2,501	624	0	164	106	14	705	2,416	519	39	1,79	462	0	0	44
GRAND TOTAL	3,763	4,381	382	1,124	2,501	629	0	164	106	14	705	2,416	519	39	1,79	462	0	0	44

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A73.-Anchorage Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days										DV					
			Fished	KS	SS	LL	RS	KO	PS	CS	AC	RT	GR	WF	NP	SM	LC	OTHER
SALTWATER:																		
Boat	105	50	105	0	134	0	0	0	0	0	0	0	0	0	0	0	0	
Shoreline	846	839	1,344	20	109	0	50	0	9	0	0	0	0	0	0	12,306	0	
SALTWATER TOTAL	936 c	889	1,449	20	243	0	50	0	9	0	0	0	0	0	0	12,306	0	
FRESHWATER:																		
Jewel Lake	3,053	5,403	6,283	0	0	1,317	0	0	0	0	0	3,581	0	0	0	0	0	
Campbell Point Lake	1,086	1,310	1,691	0	0	309	0	0	0	0	14	931	0	0	0	0	8	
Sand Lake	1,086	1,331	1,735	0	0	634	0	0	0	0	0	1,054	0	0	14	0	15	
Lower Fire Lake	1,241	2,524	2,916	0	0	0	0	0	0	0	0	483	0	0	206	0	0	
Mirror Lake	2,397	3,313	4,378	0	0	1,531	0	0	0	0	442	3,515	0	0	0	0	0	
Otter Lake	2,747	5,567	6,265	0	0	837	0	0	0	0	0	4,339	0	0	0	0	186	
Clunie Lake	1,935	4,069	4,636	0	0	769	0	0	0	0	41	4,627	0	0	0	0	0	
Gwen Lake	1,005	3,023	3,262	0	0	0	0	0	0	0	0	1,518	0	0	0	0	0	
Sixmile Lake	1,679	3,408	4,659	0	0	0	659	0	92	0	0	2,922	0	0	0	0	232	
Green Lake	1,286	3,280	4,638	0	0	718	0	0	0	0	0	1,183	0	0	0	0	0	
Hillberg Lake	1,061	2,183	3,321	0	0	299	0	0	0	0	0	1,489	0	0	0	0	0	
Triangle Lake	570	920	1,199	0	0	0	0	0	0	0	0	324	0	0	0	0	0	
C Street (Taku) Lake	855	1,027	1,429	0	0	122	0	0	0	0	0	645	0	0	0	0	0	
Fish Lake	660	965	1,142	0	0	0	0	0	0	0	0	746	0	0	0	0	0	
Cheney Lake	1,853	4,481	5,280	0	0	1,027	0	0	0	0	21	2,565	0	0	0	0	0	
Beach Lake	2,086	3,515	4,786	0	0	577	0	0	0	0	0	1,915	68	0	0	0	0	
Delong Lake	1,592	2,714	3,321	0	0	773	0	0	0	0	0	1,346	0	0	0	0	0	
Other Lakes	1,776	2,462	3,390	0	209	0	0	0	0	0	41	3,442	0	0	0	0	0	
Ship Creek	15,356	41,371	47,826	4,456	9,434	0	0	0	80	24	32	84	0	0	0	0	0	
Bird Creek	6,638	9,647	12,136	0	6,771	0	98	0	535	209	14	48	0	0	0	0	0	
Campbell Creek	2,303	5,193	5,897	0	1,651	0	0	0	0	0	0	215	0	0	0	0	0	
Twentymile River	2,144	2,253	3,170	0	1,332	0	10	0	32	0	243	12	0	0	0	26,765	0	
Eagle River	1,436	1,723	2,059	140	92	0	60	0	55	0	378	41	0	0	0	0	0	
Other Streams	1,047	2,426	2,681	0	846	0	146	0	40	15	364	120	0	0	0	0	0	
FRESHWATER TOTAL	32,843 c	114,108	138,100	4,596	20,335	8,913	973	0	834	248	1,590	37,145	68	0	220	26,765	0	
GRAND TOTAL	33,309 c	114,997	139,549	4,616	20,578	8,913	1,023	0	843	248	1,590	37,145	68	0	220	39,071	0	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A74.-Anchorage Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Trips	Days										DV						
		Fished	KS	SS	LL	RS	KO	PS	CS	AC	RT	GR	WF	NP	SM	LC	OTHER	
SALTWATER:																		
Boat	25	54	0	135	0	0	0	0	0	0	0	0	0	0	0	0		
Shoreline	182	416	20	43	0	30	0	9	0	0	0	0	0	6,864	0	0		
SALTWATER TOTAL	182	417	20	141	0	30	0	9	0	0	0	0	0	6,864	0	0		
FRESHWATER:																		
Jewel Lake	1,082	1,158	0	0	401	0	0	0	0	0	1,113	0	0	0	0	0		
Campbell Point Lake	352	411	0	0	147	0	0	0	0	14	309	0	0	0	0	8		
Sand Lake	291	428	0	0	298	0	0	0	0	0	392	0	0	10	0	15		
Lower Fire Lake	814	841	0	0	0	0	0	0	0	0	185	0	0	138	0	0		
Mirror Lake	514	705	0	0	606	0	0	0	0	264	828	0	0	0	0	0		
Otter Lake	979	1,009	0	0	289	0	0	0	0	0	845	0	0	0	0	182		
Clunie Lake	948	967	0	0	315	0	0	0	0	28	1,308	0	0	0	0	0		
Gwen Lake	1,213	1,223	0	0	0	0	0	0	0	0	468	0	0	0	0	0		
Sixmile Lake	765	1,218	0	0	0	339	0	89	0	0	967	0	0	0	0	226		
Green Lake	1,341	1,708	0	0	348	0	0	0	0	0	582	0	0	0	0	0		
Hillberg Lake	481	1,110	0	0	240	0	0	0	0	0	488	0	0	0	0	0		
Triangle Lake	245	358	0	0	0	0	0	0	0	0	133	0	0	0	0	0		
C Street (Taku) Lake	221	317	0	0	92	0	0	0	0	0	336	0	0	0	0	0		
Fish Lake	269	290	0	0	0	0	0	0	0	0	331	0	0	0	0	0		
Cheney Lake	908	1,027	0	0	803	0	0	0	0	21	1,066	0	0	0	0	0		
Beach Lake	707	995	0	0	351	0	0	0	0	0	557	35	0	0	0	0		
Delong Lake	586	688	0	0	337	0	0	0	0	0	399	0	0	0	0	0		
Other Lakes	454	568	0	160	0	0	0	0	0	41	843	0	0	0	0	0		
Ship Creek	2,769	3,270	421	1,249	0	0	0	41	17	33	74	0	0	0	0	0		
Bird Creek	891	1,193	0	1,009	0	48	0	147	59	14	49	0	0	0	0	0		
Campbell Creek	701	775	0	447	0	0	0	0	0	0	104	0	0	0	0	0		
Twentymile River	372	457	0	295	0	10	0	24	0	131	12	0	0	0	10,506	0		
Eagle River	272	316	66	65	0	61	0	57	0	189	23	0	0	0	0	0		
Other Streams	777	805	0	294	0	92	0	29	15	205	62	0	0	0	0	0		
FRESHWATER TOTAL	4,564	5,453	428	1,711	1,376	358	0	191	63	408	2,981	35	0	138	10,506	293		
GRAND TOTAL	4,563	5,462	429	1,723	1,376	360	0	191	63	408	2,981	35	0	138	12,767	293		

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A75.-East Susitna River Drainage^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days			DV												
		Trips	Fished	KS	SS	LL	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	OTHER
Willow Creek	13,168	15,517	21,511	3,135	2,401	0	119	705	372	0	11	0	0	0	0	0	17
Caswell Creek	1,136	846	1,317	30	294	0	30	0	0	0	0	24	0	0	0	26	0
Montana Creek	9,912	9,420	14,111	2,181	1,692	0	144	1,036	1,130	0	111	0	67	0	0	39	25
Sunshine Creek	1,456	1,208	1,585	53	443	0	60	28	0	0	0	24	54	0	0	39	0
Talkeetna River and Tributaries, including Clear Creek	11,671	10,145	18,133	3,800	2,815	0	4,931	240	394	0	451	226	146	6	0	39	0
Sheep Creek	5,091	5,794	9,172	550	1,198	0	190	221	399	0	27	208	233	26	0	32	0
Little Willow Creek	3,949	4,090	5,829	699	661	0	85	51	127	0	27	182	108	0	0	0	0
Goose Creek	1,773	2,308	3,151	298	166	0	70	128	146	0	20	179	122	0	0	0	0
Birch Creek	375	382	525	30	177	0	11	0	15	0	0	0	0	0	0	52	0
Kashwitna River	960	1,643	1,916	10	202	0	41	0	178	0	56	137	91	0	0	0	0
Troublesome Creek	749	538	910	0	140	0	80	22	76	0	0	175	10	0	0	0	42
Other Streams	1,469	1,597	2,855	203	69	0	90	46	15	0	203	461	463	0	0	0	0
Lakes	1,396	3,323	4,213	0	39	122	0	0	0	189	0	708	93	0	95	77	0
TOTAL	38,871	56,811	85,228	10,989	10,297	122	5,851	2,477	2,852	189	906	2,324	1,387	32	95	304	84

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A76.-East Susitna River Drainage^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV													
	Trips	Fished	KS	SS	LL	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	OTHER
Willow Creek	944	1,409	288	552	0	65	187	105	0	10	0	0	0	0	0	17
Caswell Creek	140	226	17	120	0	28	0	0	0	0	16	0	0	0	18	0
Montana Creek	623	1,237	258	442	0	54	543	584	0	70	0	40	0	0	37	25
Sunshine Creek	223	269	35	173	0	60	16	0	0	0	25	55	0	0	29	0
Talkeetna River and Tributaries, including Clear Creek	759	1,281	317	358	0	742	77	121	0	174	104	84	6	0	29	0
Sheep Creek	633	1,541	111	335	0	157	85	146	0	28	93	122	25	0	27	0
Little Willow Creek	470	633	157	207	0	69	26	99	0	27	73	83	0	0	0	0
Goose Creek	409	668	89	78	0	54	98	76	0	20	97	111	0	0	0	0
Birch Creek	140	194	18	109	0	10	0	15	0	0	0	0	0	0	30	0
Kashwitna River	574	595	11	170	0	30	0	178	0	40	121	61	0	0	0	0
Troublesome Creek	127	234	0	100	0	64	15	48	0	0	85	10	0	0	0	42
Other Streams	260	453	72	38	0	69	37	14	0	203	190	207	0	0	0	0
Lakes	1,134	1,212	0	39	89	0	0	0	91	0	298	65	0	68	75	0
TOTAL	2,109	3,287	565	960	89	783	596	665	91	286	424	319	26	68	98	52

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A77.-West Cook Inlet-West Susitna River Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days										DV									
		Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	LC	RCL	OTHER	
SALTWATER:																					
Upper Cook Inlet (Boat Sites North of Chinitna Point)	360	453	671	0	22	0	0	0	0	21	0	0	0	0	0	553	26	0	8		
Lower Cook Inlet (Boat Sites South of Chinitna Point)	636	405	684	170	0	0	0	0	0	0	0	0	0	0	0	964	0	0	0		
Other Boat	1,104	789	1,274	201	10	0	0	0	0	0	0	0	0	0	0	1,567	26	0	0		
Razor Clams: Polly Creek Beach/Crescent River Bar	572	385	572	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,490	0		
Other Shoreline	420	332	522	23	22	0	0	0	0	22	0	0	0	0	0	74	0	2,905	8		
SALTWATER TOTAL	3,003 c	2,364	3,723	394	54	0	0	0	0	43	0	0	0	0	0	3,158	52	16,395	16		
FRESHWATER:																					
Deshka River (Kroto Creek)	3,324	3,084	5,110	42	1,169	11	11	44	0	0	264	68	0	137	0	0	0	0	0		
Lake Creek	5,723	7,770	16,033	3,777	1,445	1,656	296	199	0	0	436	120	0	29	0	0	0	0	0		
Fish Lake Creek and Fish Lakes (Yentna Drainage)	1,591	1,495	3,028	557	332	209	31	56	0	79	56	113	0	345	0	0	0	0	0		
Alexander Creek/Lake	4,561	4,322	7,514	1,470	1,307	61	250	375	0	0	0	0	0	1,607	13	0	0	0	0		
Talachulitna River	1,997	2,015	5,651	778	793	335	65	62	0	85	0	360	0	0	0	0	0	0	0		
Chuitna River	1,434	1,439	2,210	728	1,156	170	37	18	0	135	155	189	0	0	0	0	0	0	0		
Theodore River	225	381	521	0	187	0	0	0	0	0	203	0	0	0	0	0	0	0	0		
Kustatan River	1,553	2,143	2,684	10	3,605	274	0	0	0	72	0	0	0	0	0	0	0	0	0		
Peters Creek	359	399	606	34	89	0	0	0	0	0	80	38	0	0	0	0	0	0	0		
Silver Salmon Creek	522	560	932	133	408	0	0	152	0	105	0	0	0	0	0	0	0	0	0		
Yentna River	732	1,135	1,760	315	591	410	0	58	0	0	0	0	0	14	32	2,703	0	0	85		
Susitna River	537	404	617	168	118	10	0	0	0	0	0	30	0	14	13	3,447	0	0	0		
Other Sites - Susitna River Drainages	1,922	4,371	7,023	477	587	185	11	73	311	0	383	20	18	695	655	0	0	0	0		
Other Sites - Susitna to North Forelands	825	979	1,738	121	574	150	0	0	0	11	48	0	68	47	0	338	0	0	0		
Other Sites - South of North Forelands	579	643	882	12	632	409	0	15	10	129	24	40	0	38	0	0	0	0	0		
Other Streams	1,126	1,596	2,019	181	692	232	65	122	0	85	224	95	0	199	96	2,365	0	0	0		
Big River Lakes	732	617	976	0	305	1,171	0	0	0	378	0	0	0	0	0	0	0	0	0		
Trapper Lake	536	696	1,005	0	0	0	0	0	0	0	9	0	0	986	52	0	0	0	0		
Other Lakes	508	549	1,113	0	11	0	0	0	103	53	188	27	0	125	0	0	0	0	16		
FRESHWATER TOTAL	23,365 c	34,598	61,422	8,803	14,001	5,283	766	1,174	424	1,132	2,070	1,100	86	4,236	861	8,853	0	0	101		
GRAND TOTAL	25,874 c	36,962	65,145	9,197	14,055	5,283	766	1,174	424	1,175	2,070	1,100	86	4,236	861	8,853	3,158	52	16,395	117	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV																
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	LC	RCL	OTHER
SALTWATER:																			
Upper Cook Inlet (Boat Sites North of Chinitna Point)	157	234	0	22	0	0	0	0	21	0	0	0	0	0	0	193	26	0	8
Lower Cook Inlet (Boat Sites South of Chinitna Point)	87	159	149	0	0	0	0	0	0	0	0	0	0	0	0	214	0	0	0
Other Boat	134	227	92	10	0	0	0	0	0	0	0	0	0	0	0	311	26	0	0
Razor Clams: Polly Creek Beach/Crescent River Bar	96	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,420	0
Other Shoreline	79	129	16	22	0	0	0	0	14	0	0	0	0	0	0	56	0	1,529	9
SALTWATER TOTAL	255	401	180	33	0	0	0	0	25	0	0	0	0	0	0	416	37	4,722	12
FRESHWATER:																			
Deshka River (Kroto Creek)	448	715	25	374	10	11	33	0	0	118	54	0	104	0	0	0	0	0	0
Lake Creek	1,381	1,904	427	448	620	95	80	0	0	145	57	0	15	0	0	0	0	0	0
Fish Lake Creek and Fish Lakes (Yentna Drainage)	258	588	171	123	124	23	35	0	75	39	106	0	161	0	0	0	0	0	0
Alexander Creek/Lake	609	829	227	909	44	138	344	0	0	0	0	0	468	13	0	0	0	0	0
Talachulitna River	368	1,024	174	301	109	42	31	0	82	0	169	0	0	0	0	0	0	0	0
Chuitna River	246	371	192	352	112	38	18	0	90	150	144	0	0	0	0	0	0	0	0
Theodore River	133	189	0	97	0	0	0	0	0	182	0	0	0	0	0	0	0	0	0
Kustatan River	487	561	10	803	162	0	0	0	36	0	0	0	0	0	0	0	0	0	0
Peters Creek	117	178	26	62	0	0	0	0	0	53	39	0	0	0	0	0	0	0	0
Silver Salmon Creek	148	222	73	143	0	0	122	0	57	0	0	0	0	0	0	0	0	0	0
Yentna River	315	397	106	275	317	0	42	0	0	0	0	0	14	32	2,643	0	0	0	89
Susitna River	114	164	75	111	10	0	0	0	0	0	30	0	14	12	2,818	0	0	0	0
Other Sites - Susitna River Drainages	2,033	2,293	153	225	92	11	42	286	0	287	20	18	198	500	0	0	0	0	0
Other Sites - Susitna to North Forelands	209	523	40	175	84	0	0	0	11	47	0	66	40	0	340	0	0	0	0
Other Sites - South of North Forelands	158	273	12	248	176	0	15	10	74	25	42	0	40	0	0	0	0	0	0
Other Streams	335	393	69	209	130	64	96	0	79	132	67	0	137	68	2,371	0	0	0	0
Big River Lakes	134	232	0	119	315	0	0	0	368	0	0	0	0	0	0	0	0	0	0
Trapper Lake	191	261	0	0	0	0	0	0	0	9	0	0	348	53	0	0	0	0	0
Other Lakes	217	357	0	11	0	0	0	80	53	100	27	0	104	0	0	0	0	0	16
FRESHWATER TOTAL	2,754	3,650	632	1,536	868	189	397	300	415	471	281	68	674	513	4,587	0	0	0	91
GRAND TOTAL	2,764	3,673	652	1,538	868	189	397	300	416	471	281	68	674	513	4,587	416	37	4,722	92

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A79.-Kenai River^a sport fish freshwater nonguided harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days				DV											
			Fished	KS ^c	KS ^d	SS ^c	SS ^d	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER
Kenai River - (Cook Inlet to Soldotna Bridge)	29,047	60,776	90,114	1,517	3,014	4,568	1,157	65,859	425	29	0	2,215	526	14	0	7	4,346	8
Kenai River - (Soldotna Bridge to Moose River)	17,645	31,181	47,198	372	714	2,206	952	51,288	410	29	0	808	488	10	0	0	0	8
Kenai River - (Moose River to Skilak Outlet)	9,416	18,448	28,707	203	312	1,412	991	21,531	213	36	40	2,592	574	74	33	0	0	0
Kenai River - (Skilak Inlet to Kenai Lake)	12,929	21,533	31,431	0	0	1,365	412	20,929	204	6	90	452	0	19	0	0	0	85
TOTAL	58,739 e	131,938	197,450	2,092	4,040	9,551	3,512	159,607	1,252	100	130	6,067	1,588	117	33	7	4,346	101

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

^d King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

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

Appendix A80.-Kenai River^a standard errors^b of sport fish freshwater nonguided harvest and effort by fisheries and species^c, 1997.

	Days		DV														
	Trips	Fished	KS ^d	KS ^e	SS ^d	SS ^e	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER
Kenai River - (Cook Inlet to Soldotna Bridge)	3,052	4,226	149	229	623	235	4,313	143	20	0	378	118	13	0	7	2,373	7
Kenai River - (Soldotna Bridge to Moose River)	2,210	2,863	75	107	416	334	4,044	230	29	0	159	102	10	0	0	0	7
Kenai River - (Moose River to Skilak Outlet)	2,069	3,161	61	71	340	269	2,715	154	35	40	523	137	55	21	0	0	0
Kenai River - (Skilak Inlet to Kenai Lake)	1,626	2,517	0	0	516	190	1,810	136	6	64	135	0	18	0	0	0	81
TOTAL	4,679	6,489	176	263	974	524	6,740	340	50	76	685	204	61	21	7	2,373	82

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

^e King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

Appendix A81.-Kenai River^a sport fish freshwater guided harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days						DV										
			Fished	KS ^c	KS ^d	SS ^c	SS ^d	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER	
Kenai River - (Cook Inlet to Soldotna Bridge)	20,713	20,260	30,759	2,288	4,425	1,002	136	7,946	82	18	0	303	213	0	0	0	4,528	25	
Kenai River - (Soldotna Bridge to Moose River)	7,796	7,562	11,420	806	1,184	652	367	5,496	37	36	0	234	51	0	0	0	0	8	
Kenai River - (Moose River to Skilak Outlet)	2,557	2,605	3,938	102	205	340	339	2,095	0	0	0	232	58	14	0	0	0	0	
Kenai River - (Skilak Inlet to Kenai Lake)	3,314	2,963	4,331	12	23	222	43	1,989	0	0	0	121	0	0	0	0	0	0	
TOTAL	31,915^e	33,390	50,448	3,208	5,837	2,216	885	17,526	119	54	0	890	322	14	0	0	4,528	33	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

^d King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

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

Appendix A82.-Kenai River^a standard errors^b of sport fish freshwater guided harvest and effort by fisheries and species^c, 1997.

	Days		DV														
	Trips	Fished	KS ^d	KS ^e	SS ^d	SS ^e	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER
Kenai River - (Cook Inlet to Soldotna Bridge)	1,009	1,604	194	270	317	68	1,499	38	17	0	91	92	0	0	0	3,958	26
Kenai River - (Soldotna Bridge to Moose River)	647	884	137	142	163	175	967	25	35	0	161	26	0	0	0	0	8
Kenai River - (Moose River to Skilak Outlet)	462	571	40	50	134	207	729	0	0	0	115	57	14	0	0	0	0
Kenai River - (Skilak Inlet to Kenai Lake)	413	542	12	24	75	27	474	0	0	0	46	0	0	0	0	0	0
TOTAL	1,347	2,011	239	304	398	289	1,982	45	39	0	226	108	14	0	0	3,958	27

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

^e King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

Appendix A83.-Kenai Peninsula Area^a sport fish freshwater harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days																	
			Fished	KS	SS	LL	RS	KO	PS	CS	LT	DV								
												AC	SH	RT	GR	WF	NP	BB	SM	OTHER
Anchor River	7,959	11,925	17,020	1,563	1,636	0	165	0	321	0	0	1,575	0	0	0	0	0	0	0	0
Ninilchik River	8,479	7,330	11,064	3,263	402	0	236	0	32	0	0	141	0	0	0	0	0	0	0	0
Deep Creek	5,591	6,155	9,712	1,249	1,115	0	252	0	106	0	0	276	0	0	0	0	0	0	0	0
Resurrection Creek	1,680	1,370	2,048	0	84	0	14	0	866	124	0	0	0	0	0	0	0	0	0	62
Trail Creek/River	345	341	586	0	0	0	0	0	0	0	0	122	0	0	0	0	0	0	0	0
Quartz Creek	2,207	2,636	3,401	0	0	0	0	0	0	0	0	350	0	0	14	0	0	0	0	0
Sixmile Creek Drainage	746	785	1,224	0	381	0	193	0	30	33	0	137	0	48	0	0	0	0	405	0
Russian River	26,409	31,520	46,914	0	4,586	0	49,698	0	524	0	0	376	0	130	14	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	9,296	14,725	20,809	2,868	540	0	3,049	0	93	0	80	394	7	194	0	14	0	0	1,216	8
Kasilof River - Nonguided Boat Fishing	2,250	2,834	4,060	744	341	0	494	0	0	0	124	179	0	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	1,044	956	1,532	126	60	0	159	0	0	0	0	21	0	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	5,118	3,808	5,886	2,990	345	0	426	0	0	0	0	155	0	42	0	0	0	0	0	0
Ptarmigan Creek	405	638	758	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	0	0
Crooked Creek	281	425	535	0	0	0	183	0	9	0	0	317	0	0	0	0	0	0	0	0
Other Streams	2,021	2,046	3,636	23	686	0	916	0	851	0	54	850	0	75	253	0	0	0	1,352	0
Swanson River	2,158	2,160	3,495	0	1,153	0	92	0	76	0	0	0	0	411	0	0	0	0	0	0
Swanson River Canoe Route Lakes	1,418	1,447	2,253	0	0	0	0	0	0	0	0	533	0	1,271	0	0	0	0	0	0
Swan Lake Canoe System	945	1,080	2,272	0	0	81	20	0	0	0	0	216	0	850	0	0	0	0	0	0
Hidden Lake	1,821	1,837	2,575	0	0	0	274	138	0	0	524	81	0	72	0	0	0	0	0	0
Crescent Lake	914	660	957	0	0	0	0	0	0	0	0	0	0	0	357	0	0	0	0	0
Skilak Lake	1,476	1,522	2,346	0	0	0	312	0	0	0	504	327	0	14	0	0	0	0	0	0
Tustumena Lake	964	1,350	1,699	0	345	0	0	0	0	0	70	322	0	200	0	0	0	0	0	0
Kenai Lake	696	1,145	1,734	10	0	0	0	0	0	0	299	160	0	152	0	68	0	0	0	0
Johnson Lake	1,289	1,059	1,672	0	0	0	0	0	0	0	0	0	0	1,747	0	0	0	0	0	0
Elephant Lake	966	1,145	1,559	0	0	2,174	0	0	0	0	0	0	0	1,234	0	0	0	0	0	139
Other Lakes	4,625	7,503	10,824	0	255	1,358	211	35	0	87	431	2,859	0	7,807	549	0	21	26	0	8
TOTAL	64,572^c	108,402	160,571	12,836	11,929	3,613	56,694	173	2,908	244	2,086	9,445	7	14,247	1,187	82	21	26	2,973	217

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A84.-Kenai Peninsula Area^a standard errors^b of sport fish freshwater harvest and effort by fisheries and species^c, 1997.

	Trips	Days										DV							
		Fished	KS	SS	LL	RS	KO	PS	CS	LT	AC	SH	RT	GR	WF	NP	BB	SM	OTHER
Anchor River	1,133	1,431	186	308	0	94	0	135	0	0	344	0	0	0	0	0	0	0	0
Ninilchik River	481	718	309	131	0	91	0	24	0	0	63	0	0	0	0	0	0	0	0
Deep Creek	588	858	168	312	0	106	0	45	0	0	109	0	0	0	0	0	0	0	0
Resurrection Creek	197	310	0	46	0	15	0	236	66	0	0	0	0	0	0	0	0	0	62
Trail Creek/River	147	218	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0
Quartz Creek	346	435	0	0	0	0	0	0	0	0	121	0	0	14	0	0	0	0	0
Sixmile Creek Drainage	209	376	0	189	0	179	0	30	22	0	86	0	48	0	0	0	0	416	0
Russian River	1,304	2,041	0	857	0	2,916	0	241	0	0	160	0	46	14	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	1,366	1,864	322	237	0	900	0	68	0	58	131	7	148	0	14	0	0	1,183	8
Kasilof River - Nonguided Boat Fishing	425	638	142	143	0	190	0	0	0	93	132	0	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	195	292	72	44	0	82	0	0	0	0	21	0	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	307	478	297	155	0	251	0	0	0	0	69	0	31	0	0	0	0	0	0
Ptarmigan Creek	225	239	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0
Crooked Creek	193	212	0	0	0	157	0	10	0	0	210	0	0	0	0	0	0	0	0
Other Streams	288	530	22	204	0	425	0	512	0	36	257	0	55	183	0	0	0	1,419	0
Swanson River	427	615	0	329	0	55	0	75	0	0	0	0	149	0	0	0	0	0	0
Swanson River Canoe Route Lakes	247	350	0	0	0	0	0	0	0	0	246	0	366	0	0	0	0	0	0
Swan Lake Canoe System	248	492	0	0	85	20	0	0	0	0	93	0	234	0	0	0	0	0	0
Hidden Lake	283	408	0	0	0	141	112	0	0	148	86	0	41	0	0	0	0	0	0
Crescent Lake	128	172	0	0	0	0	0	0	0	0	0	0	0	138	0	0	0	0	0
Skilak Lake	310	534	0	0	0	168	0	0	0	190	159	0	13	0	0	0	0	0	0
Tustumena Lake	362	430	0	239	0	0	0	0	0	46	182	0	137	0	0	0	0	0	0
Kenai Lake	350	576	10	0	0	0	0	0	0	137	140	0	94	0	69	0	0	0	0
Johnson Lake	188	308	0	0	0	0	0	0	0	0	0	0	541	0	0	0	0	0	0
Elephant Lake	260	350	0	0	615	0	0	0	0	0	0	0	419	0	0	0	0	0	139
Other Lakes	941	1,247	0	252	489	106	25	0	85	269	1,031	0	1,695	239	0	15	26	0	8
TOTAL	2,928	4,153	660	1,179	791	3,117	114	628	109	417	1,268	7	1,914	350	71	15	26	1,925	149

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A85.-Kenai Peninsula Area^a sport fish saltwater harvest and effort by fisheries for finfish species^b, 1997.

	Anglers	Trips	Days		KS ^c	KS ^d	SS	RS	PS	CS	DV							
			Fished								AC	SH	SM	HA	SK	RF	LC	PC
SALTWATER CHARTER BOAT:																		
Barren Islands	8,523	6,662	9,522	33	10	198	0	0	0	0	0	0	15,219	0	533	548	1,197	8
Resurrection Bay (Seward)	20,885	14,113	22,815	213	327	23,453	76	255	248	60	0	15	16,284	104	8,718	1,482	935	250
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	25,004	21,659	30,643	2,657	1,194	811	392	147	15	133	0	58	41,718	0	378	155	740	304
Other Cook Inlet North of Ninilchik River	571	540	767	82	93	0	0	0	0	0	0	0	792	0	0	0	0	0
Other Cook Inlet/Gulf Coast West of Gore Point	33,376	24,639	37,157	1,276	749	1,468	115	258	24	221	0	110	51,079	482	999	660	1,671	132
Other Gulf Coast East of Gore Point	993	735	1,237	33	0	557	0	43	0	81	0	0	1,349	0	315	149	9	48
CHARTER BOAT TOTAL	83,329^e	68,348	102,141	4,294	2,373	26,487	583	703	287	495	0	183	126,441	586	10,943	2,994	4,552	742
SALTWATER PRIVATE BOAT:																		
Barren Islands	1,176	1,026	1,470	0	0	78	0	0	0	21	0	0	2,031	0	56	36	11	77
Resurrection Bay (Seward)	17,493	24,014	39,113	936	1,220	48,940	493	676	205	62	0	118	8,787	64	9,756	915	413	395
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	21,210	33,901	48,809	2,989	1,656	1,843	305	618	0	207	0	135	44,380	435	183	283	697	67
Other Cook Inlet North of Ninilchik River	285	254	338	23	0	29	20	0	0	0	0	0	219	0	0	0	33	0
Other Cook Inlet/Gulf Coast West of Gore Point	20,609	27,138	40,430	1,242	999	2,816	842	2,304	131	565	0	81	35,290	175	2,305	501	2,175	357
Other Gulf Coast East of Gore Point	872	1,147	2,333	0	0	1,248	0	0	36	108	0	0	1,168	0	1,255	200	0	0
PRIVATE BOAT TOTAL	53,297^e	87,480	132,493	5,190	3,875	54,954	1,660	3,598	372	963	0	334	91,875	674	13,555	1,935	3,329	896
BOAT TOTAL	130,317^e	155,828	234,634	9,484	6,248	81,441	2,243	4,301	659	1,458	0	517	218,316	1,260	24,498	4,929	7,881	1,638
SALTWATER SHORELINE:																		
Homer Spit (Kachemak Bay)	10,187	17,907	23,197	1,512	1,450	6,091	153	51	33	215	0	116	20	0	37	0	356	118
Resurrection Bay (Seward)	10,862	16,758	24,105	2,125	1,615	12,986	1,217	597	256	183	0	1,081	199	13	341	0	9	588
Seldovia Bay	351	1,393	1,640	216	44	39	30	241	29	170	0	0	0	0	0	0	223	0
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	750	851	1,122	151	81	110	167	20	0	38	0	0	10	0	0	0	0	0
Shoreline - Other	915	1,027	1,823	52	20	335	344	87	45	349	0	0	49	0	0	0	0	0
SHORELINE TOTAL	21,206^e	37,936	51,887	4,056	3,210	19,561	1,911	996	363	955	0	1,197	278	13	378	0	588	706
GRAND TOTAL	140,905^e	193,764	286,521	13,540	9,458	101,002	4,154	5,297	1,022	2,413	0	1,714	218,594	1,273	24,876	4,929	8,469	2,344

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c King salmon harvested prior to June 25.

^d King salmon harvested after and including June 25.

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

Appendix A86.-Kenai Peninsula Area^a standard errors^b of sport fish saltwater harvest and effort by fisheries for finfish species^c, 1997.

	Days		KS ^d	KS ^e	SS	RS	PS	CS	DV								
	Trips	Fished							SH	SM	HA	SK	RF	LC	PC	OTHER	
SALTWATER CHARTER BOAT:																	
Barren Islands	846	935	25	10	140	0	0	0	0	0	0	1,149	0	230	277	974	8
Resurrection Bay (Seward)	610	1,134	69	109	2,025	39	77	201	43	0	15	922	44	916	287	242	89
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	1,133	1,468	243	147	283	212	91	15	48	0	58	2,017	0	162	47	218	203
Other Cook Inlet North of Ninilchik River	156	193	38	44	0	0	0	0	0	0	0	271	0	0	0	0	0
Other Cook Inlet/Gulf Coast West of Gore Point	1,327	1,620	210	151	356	64	92	17	90	0	60	1,851	303	206	191	465	42
Other Gulf Coast East of Gore Point	197	267	26	0	294	0	34	0	82	0	0	364	0	142	70	10	35
CHARTER BOAT TOTAL	2,161	2,853	329	247	2,118	227	148	203	138	0	82	3,359	303	990	455	1,105	233
SALTWATER PRIVATE BOAT:																	
Barren Islands	199	274	0	0	81	0	0	0	21	0	0	366	0	39	22	11	78
Resurrection Bay (Seward)	1,797	3,090	206	355	3,736	301	234	122	37	0	72	966	51	1,445	253	115	183
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	1,825	2,811	270	190	946	136	570	0	94	0	130	2,579	244	96	114	245	38
Other Cook Inlet North of Ninilchik River	83	105	16	0	28	19	0	0	0	0	0	85	0	0	0	34	0
Other Cook Inlet/Gulf Coast West of Gore Point	1,497	2,175	205	211	542	315	557	95	247	0	81	2,357	117	549	162	636	121
Other Gulf Coast East of Gore Point	233	536	0	0	405	0	0	36	108	0	0	283	0	475	101	0	0
PRIVATE BOAT TOTAL	3,018	4,763	403	458	3,927	459	838	157	279	0	171	3,566	270	1,570	339	682	240
BOAT TOTAL	3,619	5,282	521	526	4,531	509	849	254	311	0	187	4,626	400	1,864	572	1,291	331
SALTWATER SHORELINE:																	
Homer Spit (Kachemak Bay)	1,646	1,875	196	220	966	66	23	23	65	0	112	20	0	39	0	239	80
Resurrection Bay (Seward)	2,357	2,588	409	266	1,419	429	176	181	116	0	971	89	13	208	0	10	464
Seldovia Bay	621	664	89	27	41	31	147	30	107	0	0	0	0	0	0	230	0
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	204	255	46	35	52	137	14	0	29	0	0	10	0	0	0	0	0
Shoreline - Other	260	464	28	15	152	252	69	44	223	0	0	48	0	0	0	0	0
SHORELINE TOTAL	2,917	3,273	462	348	1,678	520	233	190	284	0	972	105	13	212	0	340	467
GRAND TOTAL	4,609	6,159	700	631	4,828	705	875	311	428	0	1,000	4,636	400	1,876	572	1,330	573

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d King salmon harvested prior to June 25.

^e King salmon harvested after and including June 25.

Appendix A87.-Kodiak Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days										DV									
		Trips	Fished	KS	SS	LL	RS	PS	CS	AC	SH	RT	GR	SM	HA	SK	RF	LC	RCL	OTHER	
SALTWATER:																					
Boat - Chiniak Bay Area	5,313	10,091	14,604	1,904	4,632	0	184	383	51	352	0	0	0	0	7,903	38	2,916	574	0	334	
Boat - Afognak Island Area	2,501	2,920	4,585	167	2,215	0	234	135	27	27	0	0	0	0	2,974	0	1,466	267	0	25	
Boat - Ugak Bay	311	1,075	1,740	65	352	0	212	0	0	64	0	0	0	0	775	0	118	0	0	15	
Boat - Uyak Bay	596	873	1,343	0	320	0	11	141	0	53	0	0	0	0	1,338	0	30	39	0	0	
Boat - Shuyak Area	312	456	1,014	35	335	0	109	75	0	230	0	0	0	0	371	0	162	8	0	39	
Boat - Other	2,156	4,566	5,859	561	1,656	0	140	190	0	268	0	0	0	0	3,632	0	1,077	363	0	15	
Shoreline - Chiniak Bay Area	1,440	3,064	3,500	175	826	0	72	883	36	508	0	0	0	0	87	0	197	26	0	39	
Shoreline - Afognak Island Area	690	672	1,116	0	510	0	90	37	0	27	0	0	0	0	72	0	198	0	0	0	
Shoreline - Afognak Lagoon (Litnik)	554	592	955	0	315	0	182	0	0	270	0	0	0	0	80	0	0	0	0	0	
Shoreline - Other	570	1,182	2,126	0	322	0	42	98	36	352	0	0	0	0	0	0	0	0	235	0	
SALTWATER TOTAL	11,007 c	25,491	36,842	2,907	11,483	0	1,276	1,942	150	2,151	0	0	0	0	17,232	38	6,164	1,277	235	467	
FRESHWATER:																					
Buskin River	3,626	9,809	10,734	20	2,864	0	1,843	909	134	1,462	0	0	0	0	0	0	0	0	0	0	
Pasagshak River	2,003	2,983	4,461	0	1,468	0	1,009	106	29	68	0	0	0	0	0	0	0	0	0	0	
Karluk River and Lagoon	1,577	1,712	5,043	1,574	262	0	1,101	0	15	234	0	14	0	0	0	0	0	0	0	0	
American River	2,367	3,764	4,687	0	1,749	0	0	680	0	848	0	0	0	0	0	0	0	0	0	0	
Olds River (or Creek)	1,592	2,105	2,944	0	1,519	0	0	495	18	354	0	0	0	0	0	0	0	0	0	0	
Red River (Ayakulik)	945	1,034	3,374	1,190	858	0	738	0	0	129	8	58	0	0	0	0	0	0	0	0	
Saltery Cove Streams	595	1,059	1,545	0	928	0	703	31	0	365	0	84	0	0	0	0	0	0	0	0	
Afognak River	329	611	907	0	179	0	265	0	0	0	0	29	0	0	0	0	0	0	0	0	
Other Remote Streams	1,171	2,331	3,812	0	819	0	470	831	27	1,156	0	97	0	0	0	0	0	0	0	0	
Other Road System Streams	1,155	2,457	2,758	0	712	0	280	455	33	1,079	30	0	0	0	0	0	0	0	0	0	
Roadside Lakes	392	442	630	0	47	81	0	0	0	216	0	275	0	0	0	0	0	0	0	0	
Other Lakes	225	401	618	0	108	0	253	0	0	54	0	103	0	0	0	0	0	0	0	0	
FRESHWATER TOTAL	8,597 c	28,708	41,513	2,784	11,513	81	6,662	3,507	256	5,965	38	660	0	0	0	0	0	0	0	0	
GRAND TOTAL	14,882 c	54,199	78,355	5,691	22,996	81	7,938	5,449	406	8,116	38	660	0	0	17,232	38	6,164	1,277	235	467	

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

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A88.-Kodiak Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KS	SS	LL	RS	PS	CS	DV										
	Trips	Fished							AC	SH	RT	GR	SM	HA	SK	RF	LC	RCL	OTHER
SALTWATER:																			
Boat - Chiniak Bay Area	1,177	1,897	407	760	0	83	129	24	199	0	0	0	0	884	29	651	114	0	183
Boat - Afognak Island Area	374	558	59	393	0	98	73	19	27	0	0	0	0	452	0	435	91	0	19
Boat - Ugak Bay	494	702	42	201	0	223	0	0	67	0	0	0	0	243	0	106	0	0	15
Boat - Uyak Bay	287	358	0	157	0	10	80	0	33	0	0	0	0	369	0	23	29	0	0
Boat - Shuyak Area	157	346	25	146	0	86	48	0	159	0	0	0	0	118	0	102	8	0	33
Boat - Other	761	903	237	466	0	83	98	0	196	0	0	0	0	605	0	343	156	0	16
Shoreline - Chiniak Bay Area	662	685	164	308	0	48	258	28	269	0	0	0	0	44	0	154	26	0	39
Shoreline - Afognak Island Area	221	296	0	223	0	71	36	0	27	0	0	0	0	65	0	204	0	0	0
Shoreline - Afognak Lagoon (Litnik)	156	363	0	143	0	93	0	0	169	0	0	0	0	53	0	0	0	0	0
Shoreline - Other	415	628	0	113	0	24	52	36	235	0	0	0	0	0	0	0	0	232	0
SALTWATER TOTAL	1,748	2,485	515	1,128	0	309	338	55	518	0	0	0	0	1,266	29	924	216	232	193
FRESHWATER:																			
Buskin River	1,246	1,325	14	464	0	492	245	135	481	0	0	0	0	0	0	0	0	0	0
Pasagshak River	456	738	0	306	0	288	70	30	49	0	0	0	0	0	0	0	0	0	0
Karluk River and Lagoon	254	621	285	104	0	253	0	14	114	0	14	0	0	0	0	0	0	0	0
American River	549	719	0	359	0	0	227	0	368	0	0	0	0	0	0	0	0	0	0
Olds River (or Creek)	355	467	0	448	0	0	191	13	196	0	0	0	0	0	0	0	0	0	0
Red River (Ayakulik)	264	674	451	278	0	249	0	0	87	8	59	0	0	0	0	0	0	0	0
Saltery Cove Streams	439	487	0	620	0	256	24	0	183	0	85	0	0	0	0	0	0	0	0
Afognak River	274	311	0	86	0	119	0	0	0	0	30	0	0	0	0	0	0	0	0
Other Remote Streams	510	856	0	382	0	175	572	19	366	0	74	0	0	0	0	0	0	0	0
Other Road System Streams	513	531	0	221	0	177	141	23	515	30	0	0	0	0	0	0	0	0	0
Roadside Lakes	123	169	0	25	84	0	0	0	165	0	193	0	0	0	0	0	0	0	0
Other Lakes	155	196	0	73	0	211	0	0	56	0	63	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,832	2,383	542	1,168	84	788	703	142	946	31	238	0	0	0	0	0	0	0	0
GRAND TOTAL	2,714	3,715	745	1,680	84	855	785	150	1,089	31	238	0	0	1,266	29	924	216	232	193

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

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A89.-Naknek River Drainage-Alaska Peninsula Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	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	315	1,026	1,224	0	0	0	0	18	0	0	81	0	0	0	0	0	0	620	0	0	0
Boat - Unalaska Bay	647	769	1,159	0	92	0	0	28	0	0	0	0	0	0	0	0	81	1,166	0	0	0
Boat - Other	905	3,781	4,254	229	555	661	0	238	0	0	122	0	0	0	0	0	0	1,549	1,455	427	50
Shoreline	450	1,616	2,395	49	90	131	0	642	18	0	1,336	0	0	0	0	0	0	0	234	0	99
SALTWATER TOTAL	2,108 c	7,192	9,032	278	737	792	0	926	18	0	1,539	0	0	0	0	0	81	3,335	1,689	427	149
FRESHWATER:																					
Cold Bay Area (including Russel Creek)	325	578	1,106	22	884	210	0	0	0	0	108	0	0	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	1,331	2,925	3,961	625	721	79	0	0	6	30	54	163	51	0	0	0	0	0	0	0	0
Naknek River below Rapids Camp	2,728	6,901	9,712	3,606	3,158	146	0	0	112	0	207	83	311	0	0	1,327	4,866	0	0	0	0
Brooks River	1,705	1,902	3,971	12	156	434	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
American Creek	450	600	1,085	0	0	0	0	0	0	0	138	0	0	0	0	0	0	0	0	0	0
Other Streams	1,584	3,023	5,251	651	1,135	393	0	256	0	0	707	12	41	0	15	0	0	0	0	0	0
Ugashik System	774	1,267	2,513	128	631	843	0	0	29	149	251	0	50	0	103	0	0	0	0	0	0
Becharof System	480	732	853	43	370	273	0	22	0	0	260	63	27	0	31	0	270	0	0	0	0
Other Systems	45	252	427	0	0	0	0	257	0	0	208	0	0	0	0	0	0	0	0	0	0
Naknek Lake - Bay of Islands	431	441	666	0	10	53	0	43	0	148	27	77	0	0	127	0	0	0	0	0	0
Naknek Lake - Other	400	359	469	187	0	78	0	54	0	11	34	82	0	0	15	0	0	0	0	0	0
Other Lakes	295	1,045	1,505	0	244	83	0	0	0	106	78	0	50	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	7,322 c	20,025	31,519	5,274	7,309	2,592	0	641	147	444	2,072	480	530	0	291	1,327	5,136	0	0	0	0
GRAND TOTAL	8,943 c	27,217	40,551	5,552	8,046	3,384	0	1,567	165	444	3,611	480	530	0	291	1,327	5,217	3,335	1,689	427	149

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	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	477	499	0	0	0	0	19	0	0	82	0	0	0	0	0	0	317	0	0	0	
Boat - Unalaska Bay	206	300	0	91	0	0	27	0	0	0	0	0	0	0	0	78	305	0	0	0	
Boat - Other	1,296	1,325	166	296	483	0	181	0	0	84	0	0	0	0	0	0	424	717	363	49	
Shoreline	472	675	51	50	118	0	348	18	0	824	0	0	0	0	0	0	0	234	0	84	
SALTWATER TOTAL	1,482	1,606	174	316	491	0	405	18	0	839	0	0	0	0	0	78	614	755	363	96	
FRESHWATER:																					
Cold Bay Area (including Russel Creek)	199	323	22	426	124	0	0	0	0	107	0	0	0	0	0	0	0	0	0	0	
Naknek River above Rapids Camp	672	751	264	238	57	0	0	6	23	40	124	32	0	0	0	0	0	0	0	0	
Naknek River below Rapids Camp	1,175	1,574	602	1,228	97	0	0	88	0	147	40	281	0	0	1,331	3,077	0	0	0	0	
Brooks River	334	832	11	83	177	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
American Creek	164	294	0	0	0	0	0	0	0	132	0	0	0	0	0	0	0	0	0	0	
Other Streams	504	1,181	257	411	190	0	154	0	0	283	12	30	0	15	0	0	0	0	0	0	
Ugashik System	307	550	106	207	368	0	0	29	69	96	0	48	0	107	0	0	0	0	0	0	
Becharof System	223	237	30	174	163	0	21	0	0	127	50	27	0	32	0	274	0	0	0	0	
Other Systems	160	286	0	0	0	0	205	0	0	136	0	0	0	0	0	0	0	0	0	0	
Naknek Lake - Bay of Islands	140	205	0	10	56	0	42	0	70	27	46	0	0	85	0	0	0	0	0	0	
Naknek Lake - Other	119	141	181	0	65	0	55	0	11	23	64	0	0	15	0	0	0	0	0	0	
Other Lakes	496	581	0	227	45	0	0	0	77	70	0	51	0	0	0	0	0	0	0	0	
FRESHWATER TOTAL	1,655	2,534	740	1,409	529	0	272	94	133	429	161	294	0	142	1,331	3,090	0	0	0	0	
GRAND TOTAL	2,225	2,956	757	1,441	731	0	481	96	133	934	161	294	0	142	1,331	3,092	614	755	363	96	

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A91.-Kvichak River Drainage Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days			KS	SS	RS	PS	CS	LT	DV							
		Trips	Fished								AC	RT	GR	WF	NP	BB	SM	OTHER
SALTWATER:																		
Boat	45	200	263	20	0	120	0	0	0	27	0	0	0	0	0	0		
Shoreline	60	84	237	0	0	138	0	0	0	32	0	0	0	0	0	0		
SALTWATER TOTAL	75 ^c	284	500	20	0	258	0	0	0	59	0	0	0	0	0	0		
FRESHWATER:																		
Kvichak River	1,880	2,044	3,947	47	535	1,404	0	0	0	46	27	222	0	21	0	0		
Newhalen River	1,556	2,417	3,773	0	406	4,348	9	0	114	491	254	874	14	34	129	0		
Alagnak (Branch) River	2,563	4,878	11,062	982	763	2,182	22	305	10	376	254	186	0	15	39	0		
Copper River (tributary of Lake Iliamna)	1,020	1,230	2,782	0	22	293	0	0	0	0	0	0	0	0	0	0		
Lower Talarik Creek	358	377	408	0	30	0	0	0	0	0	0	0	0	0	0	0		
Kulik River	405	442	512	0	0	0	0	0	0	0	0	0	0	0	0	0		
Moraine Creek	360	451	696	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other Streams	1,017	1,774	2,647	24	89	630	9	0	0	81	191	126	0	0	0	0		
Lake Iliamna	583	553	1,017	0	100	725	0	0	30	264	48	0	0	0	0	0		
Lake Clark	855	1,526	3,132	0	110	443	0	0	101	675	120	1,273	676	63	180	0		
Other Lakes	729	1,021	1,729	39	22	32	0	0	83	129	231	313	0	15	0	0		
FRESHWATER TOTAL	8,076 ^c	16,713	31,705	1,092	2,077	10,057	40	305	338	2,062	1,125	2,994	690	148	348	0		
GRAND TOTAL	8,106 ^c	16,997	32,205	1,112	2,077	10,315	40	305	338	2,121	1,125	2,994	690	148	348	0		

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A92.-Kvichak River Drainage Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV													
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER
SALTWATER:																
Boat	169	186	20	0	122	0	0	0	27	0	0	0	0	0	0	0
Shoreline	62	145	0	0	142	0	0	0	33	0	0	0	0	0	0	0
SALTWATER TOTAL	179	241	20	0	189	0	0	0	43	0	0	0	0	0	0	0
FRESHWATER:																
Kvichak River	316	530	29	155	640	0	0	0	34	19	178	0	20	0	0	0
Newhalen River	552	918	0	243	879	9	0	64	352	163	361	13	35	131	0	0
Alagnak (Branch) River	1,207	1,906	188	210	554	22	114	10	124	184	92	0	11	40	0	0
Copper River (tributary of Lake Iliamna)	204	716	0	22	139	0	0	0	0	0	0	0	0	0	0	0
Lower Talarik Creek	102	104	0	21	0	0	0	0	0	0	0	0	0	0	0	0
Kulik River	114	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moraine Creek	114	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	331	509	16	63	277	9	0	0	59	186	58	0	0	0	0	0
Lake Iliamna	127	235	0	75	408	0	0	29	246	38	0	0	0	0	0	0
Lake Clark	583	1,076	0	90	220	0	0	62	583	114	1,033	642	53	171	0	0
Other Lakes	227	354	39	22	30	0	0	56	69	152	175	0	15	0	0	0
FRESHWATER TOTAL	1,541	2,675	196	384	1,362	26	114	110	732	364	1,125	642	68	215	0	0
GRAND TOTAL	1,549	2,687	197	384	1,377	26	114	110	733	364	1,125	642	68	215	0	0

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A93.-Nushagak Area^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days										DV						
		Trips	Fished	KS	SS	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER
SALTWATER:																		
Boat	130	206	375	133	0	53	0	0	15	0	0	0	0	0	0	0	0	271
Shoreline	210	170	424	53	22	0	0	0	0	0	108	0	0	0	0	0	0	0
SALTWATER TOTAL	325 ^c	376	799	186	22	53	0	0	15	0	108	0	0	0	0	0	0	271
FRESHWATER:																		
Nushagak River - Black Pt. to outlet of Iowithia R.	1,359	2,305	4,030	1,861	105	51	0	0	160	0	11	0	125	293	106	0	0	0
Nushagak River - Iowithia R. to outlet of Mulchatna R.	709	917	1,691	390	0	288	0	20	212	0	99	26	279	54	142	0	0	0
Nushagak River - upstream from mouth of Mulchatna R.	1,145	1,804	3,145	603	99	170	0	0	338	315	262	58	208	0	0	0	0	0
Other Nushagak System	714	890	2,073	489	33	138	0	0	29	10	0	0	0	0	0	0	1,268	0
Wood River Lakes System	2,331	5,670	7,716	23	576	1,424	0	37	29	100	1,419	344	206	0	351	0	0	8
Tikchik-Nuyakuk Lake System	881	1,544	2,380	0	78	0	0	0	0	45	276	44	333	0	0	0	0	0
Togiak River System	1,036	1,489	2,943	1,165	780	191	0	0	82	0	85	15	20	0	0	0	0	0
Mulchatna River	582	422	2,356	154	111	697	0	0	272	0	663	684	285	0	14	0	0	0
Chilikadrotna River	270	247	829	0	45	64	0	0	0	0	96	131	273	0	0	0	0	0
Other Streams	419	439	1,388	0	29	30	0	0	0	0	43	171	135	14	0	0	1,622	0
Other Lakes	225	208	853	0	56	0	0	0	0	96	266	0	558	0	0	0	0	0
FRESHWATER TOTAL	6,774 ^c	15,935	29,404	4,685	1,912	3,053	0	57	1,122	566	3,220	1,473	2,422	361	613	0	2,890	8
GRAND TOTAL	6,954 ^c	16,311	30,203	4,871	1,934	3,106	0	57	1,137	566	3,328	1,473	2,422	361	613	0	2,890	279

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A94.-Nushagak Area^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV														
	Trips	Fished	KS	SS	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER
SALTWATER:																	
Boat	94	194	65	0	52	0	0	14	0	0	0	0	0	0	0	0	268
Shoreline	73	193	38	22	0	0	0	0	0	107	0	0	0	0	0	0	0
SALTWATER TOTAL	119	268	75	22	52	0	0	14	0	107	0	0	0	0	0	0	268
FRESHWATER:																	
Nushagak River - Black Pt. to outlet of Iowithia R.	500	663	333	69	33	0	0	82	0	11	0	101	288	98	0	0	0
Nushagak River - Iowithia R. to outlet of Mulchatna R.	201	332	111	0	165	0	20	101	0	84	18	205	54	89	0	0	0
Nushagak River - upstream from mouth of Mulchatna R.	431	698	196	56	70	0	0	343	313	123	41	115	0	0	0	0	0
Other Nushagak System	280	457	147	25	86	0	0	29	10	0	0	0	0	0	0	1,316	0
Wood River Lakes System	989	1,098	16	260	372	0	35	30	98	394	185	97	0	244	0	0	8
Tikchik-Nuyakuk Lake System	501	582	0	57	0	0	0	0	23	128	32	166	0	0	0	0	0
Togiak River System	362	738	297	270	80	0	0	38	0	47	14	20	0	0	0	0	0
Mulchatna River	89	596	87	72	351	0	0	225	0	337	441	113	0	15	0	0	0
Chilikadrotna River	74	248	0	45	55	0	0	0	0	66	90	124	0	0	0	0	0
Other Streams	148	364	0	30	29	0	0	0	0	43	103	115	13	0	0	1,501	0
Other Lakes	74	302	0	54	0	0	0	0	57	211	0	400	0	0	0	0	0
FRESHWATER TOTAL	1,372	2,000	539	409	564	0	41	440	338	615	503	561	296	283	0	1,985	8
GRAND TOTAL	1,381	2,028	543	410	566	0	41	440	338	621	503	561	296	283	0	1,985	268

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A95.-Tanana River Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days						DV									
			Fished	KS	SS	LL	CS	LT	AC	RT	GR ^c	GR ^d	WF	SF	NP ^e	NP ^f	BB	OTHER
Upper Chena River	5,439	9,638	11,315	0	0	0	0	0	0	0	0	0	284	0	14	0	64	0
Lower Chena River ^g	6,351	14,658	17,537	1,039	0	0	134	0	0	0	0	0	41	14	86	34	863	0
Piledriver Slough	2,250	6,316	6,791	0	0	0	9	0	0	2,078	0	0	0	0	27	7	155	0
Nenana River Drainage (excluding Brushkana Creek)	521	721	990	10	179	0	39	20	0	0	66	327	0	0	27	7	52	0
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	2,070	3,377	4,290	143	0	0	232	0	0	0	0	763	27	7	151	21	32	0
Upper Chatanika River (upstream of Elliot Hwy)	1,691	2,122	2,612	32	0	0	9	0	68	0	0	760	0	0	65	7	0	0
Salcha River	3,807	6,329	8,647	719	0	0	33	0	0	0	0	2,965	270	0	48	34	0	0
Delta Clearwater River	1,680	1,588	2,161	0	794	0	0	0	0	0	0	54	0	0	0	0	0	0
Goodpaster River	615	1,730	2,266	0	0	0	0	0	0	0	246	398	0	0	52	8	0	0
Brushkana Creek	768	566	1,508	0	0	0	0	0	0	0	279	1,209	0	0	0	0	0	0
Lower Tanana River	390	260	447	0	0	0	0	0	0	0	0	0	68	14	21	0	374	0
Middle Tanana River	1,217	2,302	3,205	0	69	0	0	0	14	0	34	110	0	0	165	41	3,079	0
Upper Tanana River	359	853	1,171	10	41	0	0	0	0	0	41	68	203	0	0	7	1,134	0
Delta River (below Tangle Lakes)	381	296	553	0	0	0	0	0	0	0	226	544	0	0	0	0	0	0
Other Streams	2,127	3,142	4,606	0	118	0	0	0	95	0	701	1,161	69	0	212	56	284	23
Birch Lake	4,331	4,515	5,896	0	0	1,534	0	0	573	6,683	41	135	0	0	0	0	0	46
Quartz Lake	4,445	4,645	6,956	0	0	2,999	0	0	313	8,496	0	0	0	0	0	0	0	0
Fielding Lake	608	1,040	1,259	0	0	0	0	55	0	0	402	731	0	0	0	0	0	0
Minto Flats	1,938	2,047	3,332	0	0	0	0	0	0	0	0	0	0	0	871	203	52	0
Tangle Lakes and Tangle River	3,619	2,607	5,455	0	0	0	0	240	0	0	1,488	2,664	86	0	0	0	52	0
Chena Lake (Lake only)	3,468	5,148	6,338	0	0	1,606	0	0	460	6,569	41	78	0	0	0	0	0	0
Harding Lake	2,171	2,380	3,383	0	0	0	0	90	257	0	0	0	0	0	14	48	52	0
Dune Lake	441	500	695	0	0	466	0	0	0	526	20	47	0	0	0	0	0	0
George Lake	539	319	629	0	0	0	0	0	0	0	0	14	0	0	254	48	64	0
Steese Ponds	975	1,136	1,327	0	0	0	0	0	0	502	88	0	0	0	0	0	0	0
Chena Hot Springs Road Ponds	1,260	1,687	1,949	0	0	0	0	0	0	985	20	46	0	0	0	0	65	0
Meadow Road Lakes	480	1,399	1,536	0	0	0	0	56	0	906	0	0	0	0	0	0	0	0
Coal Mine Road Lakes	705	989	1,235	0	0	0	0	20	54	27	41	122	0	0	0	0	0	0
Other Lakes	4,676	8,812	11,610	0	28	219	0	351	696	7,061	158	482	14	0	640	160	26	39
TOTAL	31,612	h 91,122	119,699	1,953	1,229	6,824	456	832	2,530	33,833	3,892	12,678	1,062	35	2,647	681	6,348	108

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

^b Refer to Appendix A3 for common names and species abbreviations.

^c Arctic grayling less than 12 inches.

^d Arctic grayling 12 inches and over.

^e Northern pike 30 inches and under.

^f Northern pike over 30 inches

^g Includes Badger Slough which is sometimes called Chena Slough.

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

Appendix A96.-Tanana River Drainages^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV														
	Trips	Fished	KS	SS	LL	CS	LT	AC	RT	GR ^d	GR ^e	WF	SF	NP ^f	NP ^g	BB	OTHER
Upper Chena River	979	1,076	0	0	0	0	0	0	0	0	0	171	0	13	0	47	0
Lower Chena River ^h	1,579	2,170	255	0	0	107	0	0	0	0	0	42	14	38	18	338	0
Piledriver Slough	879	917	0	0	0	9	0	0	669	0	0	0	0	22	7	94	0
Nenana River Drainage (excluding Brushkana Creek)	216	375	10	94	0	37	21	0	0	35	130	0	0	27	7	36	0
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	567	658	58	0	0	164	0	0	0	0	311	28	7	72	12	27	0
Upper Chatanika River (upstream of Elliot Hwy)	366	426	23	0	0	9	0	66	0	0	280	0	0	43	7	0	0
Salcha River	803	1,135	158	0	0	19	0	0	0	0	809	273	0	37	35	0	0
Delta Clearwater River	302	351	0	258	0	0	0	0	0	0	27	0	0	0	0	0	0
Goodpaster River	678	781	0	0	0	0	0	0	0	151	225	0	0	41	7	0	0
Brushkana Creek	108	574	0	0	0	0	0	0	0	101	645	0	0	0	0	0	0
Lower Tanana River	69	123	0	0	0	0	0	0	0	0	0	64	13	20	0	201	0
Middle Tanana River	493	689	0	39	0	0	0	14	0	24	59	0	0	84	24	1,165	0
Upper Tanana River	534	637	10	29	0	0	0	0	0	42	69	208	0	0	7	782	0
Delta River (below Tangle Lakes)	83	151	0	0	0	0	0	0	0	142	230	0	0	0	0	0	0
Other Streams	454	671	0	79	0	0	0	61	0	186	265	55	0	117	31	185	22
Birch Lake	559	649	0	0	441	0	0	263	1,284	30	112	0	0	0	0	0	47
Quartz Lake	524	758	0	0	587	0	0	148	1,517	0	0	0	0	0	0	0	0
Fielding Lake	417	428	0	0	0	0	29	0	0	210	308	0	0	0	0	0	0
Minto Flats	353	499	0	0	0	0	0	0	0	0	0	0	0	186	59	37	0
Tangle Lakes and Tangle River	298	565	0	0	0	0	72	0	0	295	555	66	0	0	0	50	0
Chena Lake (Lake only)	852	969	0	0	725	0	0	217	1,625	23	36	0	0	0	0	0	0
Harding Lake	322	557	0	0	0	0	49	133	0	0	0	0	0	9	35	33	0
Dune Lake	143	170	0	0	210	0	0	0	155	20	27	0	0	0	0	0	0
George Lake	89	168	0	0	0	0	0	0	0	0	13	0	0	110	28	46	0
Steese Ponds	224	254	0	0	0	0	0	0	196	54	0	0	0	0	0	0	0
Chena Hot Springs Road Ponds	350	366	0	0	0	0	0	0	395	19	39	0	0	0	0	63	0
Meadow Road Lakes	490	504	0	0	0	0	41	0	463	0	0	0	0	0	0	0	0
Coal Mine Road Lakes	354	372	0	0	0	0	20	38	18	40	98	0	0	0	0	0	0
Other Lakes	1,069	1,336	0	28	108	0	113	292	1,400	64	167	13	0	164	46	26	38
TOTAL	3,387	4,227	298	292	1,078	201	158	497	3,105	498	1,433	407	20	326	106	1,477	66

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

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d Arctic grayling less than 12 inches.

^e Arctic grayling 12 inches and over.

^f Northern pike 30 inches and under.

^g Northern pike over 30 inches

^h Includes Badger Slough which is sometimes called Chena Slough.

Appendix A97.-Kuskokwim-Goodnews Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days							DV									
			Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	SF	NP	BB	SM	HA	OTHER
SALTWATER:																			
Boat	150	107	224	0	0	80	0	0	0	0	0	0	0	0	0	0	0	50	0
Shoreline	60	117	117	0	0	0	0	0	0	0	0	0	0	81	0	0	0	0	0
SALTWATER TOTAL	210 c	224	341	0	0	80	0	0	0	0	0	0	0	81	0	0	0	50	0
FRESHWATER:																			
Kuskokwim-Goodnews Drainages above Aniak River:																			
Holitna River	455	877	1,678	166	379	21	22	0	0	64	0	101	0	168	134	0	0	0	0
Other Streams	360	474	815	113	493	11	0	0	0	79	29	98	0	142	161	0	0	0	0
Other Lakes	45	87	150	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0
Total Kuskokwim-Goodnews Drainages above Aniak River	831 c	1,438	2,643	279	872	32	22	0	0	143	29	209	0	310	295	0	0	0	0
Kuskokwim-Goodnews Drainages below Aniak River:																			
Aniak River	1,252	1,607	4,778	801	978	391	0	86	56	316	53	162	162	22	42	0	0	0	0
Kanektok River	1,799	3,386	9,706	1,632	1,220	607	31	212	113	789	231	99	20	0	0	0	27	0	0
Goodnews River	798	1,185	5,011	86	855	61	11	24	23	1,071	433	74	0	0	0	0	0	0	0
Other Streams	880	898	2,422	147	708	10	11	0	50	705	537	588	0	0	21	0	0	0	0
Other Lakes	210	208	291	0	0	0	0	0	96	135	0	20	0	0	0	0	0	0	0
Total Kuskokwim-Goodnews Drainages below Aniak River	4,474 c	7,284	22,208	2,666	3,761	1,069	53	322	338	3,016	1,254	943	182	22	63	0	27	0	0
Other Streams	660	1,398	1,955	400	797	0	0	62	23	164	53	81	432	176	28	0	0	0	8
Other Lakes	71	118	171	0	0	0	0	0	43	14	0	59	0	0	22	0	0	0	0
FRESHWATER TOTAL	5,573 c	10,238	26,977	3,345	5,430	1,101	75	384	404	3,337	1,336	1,292	614	508	408	0	27	0	8
GRAND TOTAL	5,693 c	10,462	27,318	3,345	5,430	1,181	75	384	404	3,337	1,336	1,292	614	589	408	0	27	50	8

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A98.-Kuskokwim-Goodnews Drainages^a standard errors^b of sport fish harvest by fisheries and species^c, 1997.

	Days		DV															
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	SF	NP	BB	SM	HA	OTHER
SALTWATER:																		
Boat	59	118	0	0	82	0	0	0	0	0	0	0	0	0	0	0	41	0
Shoreline	107	107	0	0	0	0	0	0	0	0	0	0	74	0	0	0	0	0
SALTWATER TOTAL	122	159	0	0	82	0	0	0	0	0	0	0	74	0	0	0	41	0
FRESHWATER:																		
Kuskokwim-Goodnews Drainages above Aniak River:																		
Holitna River	254	530	82	165	21	22	0	0	33	0	50	0	87	54	0	0	0	0
Other Streams	138	220	76	212	10	0	0	0	40	30	50	0	110	104	0	0	0	0
Other Lakes	60	98	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0
Total Kuskokwim-Goodnews Drainages above Aniak River	291	571	108	262	23	22	0	0	53	30	70	0	136	116	0	0	0	0
Kuskokwim-Goodnews Drainages below Aniak River:																		
Aniak River	433	995	261	323	335	0	46	55	112	38	77	141	23	26	0	0	0	0
Kanektok River	764	1,327	426	291	344	23	98	109	234	91	39	15	0	0	0	27	0	0
Goodnews River	496	949	40	292	51	11	17	17	291	173	36	0	0	0	0	0	0	0
Other Streams	208	535	75	320	10	10	0	50	284	198	239	0	0	20	0	0	0	0
Other Lakes	88	109	0	0	0	0	0	51	130	0	19	0	0	0	0	0	0	0
Total Kuskokwim-Goodnews Drainages below Aniak River	1,105	2,202	509	654	487	27	109	145	526	305	260	142	23	33	0	27	0	0
Other Streams	413	519	213	288	0	0	61	22	72	38	50	409	106	17	0	0	0	7
Other Lakes	81	120	0	0	0	0	0	31	14	0	61	0	0	16	0	0	0	0
FRESHWATER TOTAL	1,238	2,414	569	757	488	34	124	150	531	310	271	437	173	122	0	27	0	7
GRAND TOTAL	1,244	2,419	569	757	501	34	124	150	531	310	271	437	190	122	0	27	41	7

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A99.-Seward Peninsula-Norton Sound Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days			DV																
		Trips	Fished	KS	SS	RS	PS	CS	AC	GR ^c	GR ^d	WF	SF	NP	BB	SM	KC	HA	OTHER		
SALTWATER:																					
Boat	366	414	664	79	304	0	0	0	81	0	0	0	0	0	0	0	0	119	222		
Shoreline	160	376	723	59	198	0	182	44	108	0	0	0	0	0	0	0	0	0	0		
SALTWATER TOTAL	512 e	790	1,387	138	502	0	182	44	189	0	0	0	0	0	0	0	0	119	222		
FRESHWATER:																					
Nome River	691	1,664	1,914	10	295	0	83	0	328	0	0	0	0	0	0	0	0	0	8		
Pilgrim River	456	520	820	45	0	20	0	0	65	54	27	0	0	117	0	0	0	0	0		
Unalakleet River	864	3,239	4,156	842	2,696	0	1,055	222	836	60	69	41	0	0	0	2,703	0	0	24		
Fish-Niukluk River System	692	1,471	2,964	71	462	0	58	0	2,071	389	345	131	0	30	148	98	0	0	0		
Solomon River	250	361	434	0	10	0	15	0	186	0	0	26	0	0	0	0	0	0	0		
Snake River	235	397	445	0	98	0	0	0	81	0	0	0	0	0	0	0	0	0	0		
Other Streams	704	1,213	1,700	0	330	10	65	12	711	209	108	14	0	216	0	0	0	0	31		
Lakes	30	23	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
FRESHWATER TOTAL	2,376 e	8,888	12,463	968	3,891	30	1,276	234	4,278	712	549	212	0	363	148	2,801	0	0	63		
GRAND TOTAL	2,773 e	9,678	13,850	1,106	4,393	30	1,458	278	4,467	712	549	212	0	363	148	2,801	0	119	285		

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c Arctic grayling 15 inches and under.

^d Arctic grayling over 15 inches.

^e 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV															
	Trips	Fished	KS	SS	RS	PS	CS	AC	GR ^d	GR ^e	WF	SF	NP	BB	SM	KC	HA	OTHER
SALTWATER:																		
Boat	172	220	61	172	0	0	0	81	0	0	0	0	0	0	0	0	56	169
Shoreline	167	311	60	144	0	117	33	108	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	242	386	86	222	0	117	33	136	0	0	0	0	0	0	0	0	56	169
FRESHWATER:																		
Nome River	455	481	10	141	0	45	0	179	0	0	0	0	0	0	0	0	0	9
Pilgrim River	163	261	35	0	14	0	0	38	39	26	0	0	81	0	0	0	0	0
Unalakleet River	1,251	1,280	244	995	0	797	178	317	45	52	41	0	0	0	2,638	0	0	18
Fish-Niukluk River System	585	1,092	37	240	0	43	0	1,141	210	184	97	0	21	131	95	0	0	0
Solomon River	155	178	0	10	0	15	0	111	0	0	26	0	0	0	0	0	0	0
Snake River	158	162	0	72	0	0	0	87	0	0	0	0	0	0	0	0	0	0
Other Streams	253	356	0	136	10	56	9	369	113	52	14	0	151	0	0	0	0	32
Lakes	23	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,499	1,817	253	1,037	17	799	178	1,263	250	203	107	0	171	131	2,648	0	0	39
GRAND TOTAL	1,526	1,851	267	1,058	17	811	182	1,268	250	203	107	0	171	131	2,648	0	56	175

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d Arctic grayling 15 inches and under.

^e Arctic grayling over 15 inches.

Appendix A101.-Northwest Alaska Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days							DV ^c		DV ^d						
			Fished	KS	SS	RS	PS	CS	LT	AC	AC	GR	WF	SF	NP	BB	SM	OTHER
SALTWATER:																		
Boat	41	102	105	0	0	0	0	0	0	14	14	0	0	196	0	0	0	
Shoreline	15	13	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SALTWATER TOTAL	56 e	115	120	0	0	0	0	0	0	14	14	0	0	196	0	0	0	
FRESHWATER:																		
Kobuk River	356	353	624	0	0	0	0	58	10	14	0	71	27	304	7	241	0	
Noatak River	207	285	945	0	0	0	0	160	23	91	25	852	0	0	56	0	0	
Other Streams	350	1,071	1,859	0	0	0	0	54	0	285	155	980	392	406	68	104	0	
Lakes	56	52	181	0	0	0	0	0	40	0	0	0	0	0	14	0	0	
FRESHWATER TOTAL	824 e	1,761	3,609	0	0	0	0	272	73	390	180	1,903	419	710	145	345	0	
GRAND TOTAL	824 e	1,876	3,729	0	0	0	0	272	73	404	194	1,903	419	906	145	345	0	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c Dolly Varden and Arctic char 20 inches and under.

^d Dolly Varden and Arctic char over 20 inches.

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

Appendix A102.-Northwest Alaska Drainages^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		KS	SS	RS	PS	CS	LT	DV ^d		DV ^e		GR	WF	SF	NP	BB	SM	OTHER
	Trips	Fished							AC	AC									
SALTWATER:																			
Boat	91	91	0	0	0	0	0	0	13	13	0	0	170	0	0	0	0	0	0
Shoreline	13	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	92	92	0	0	0	0	0	0	13	13	0	0	170	0	0	0	0	0	0
FRESHWATER:																			
Kobuk River	119	217	0	0	0	0	60	10	13	0	51	27	185	7	166	0	0	0	0
Noatak River	124	331	0	0	0	0	160	23	68	17	577	0	0	45	0	0	0	0	0
Other Streams	390	582	0	0	0	0	30	0	133	73	599	336	288	50	75	0	0	0	0
Lakes	31	128	0	0	0	0	0	29	0	0	0	0	0	14	0	0	0	0	0
FRESHWATER TOTAL	436	742	0	0	0	0	174	38	151	76	836	338	341	69	182	0	0	0	0
GRAND TOTAL	446	748	0	0	0	0	174	38	151	77	836	338	383	69	182	0	0	0	0

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

^d Dolly Varden and Arctic char 20 inches and under.

^e Dolly Varden and Arctic char over 20 inches.

Appendix A103.-Yukon River Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Trips	Days							DV									
			Fished	KS	SS	RS	PS	CS	LT	AC	GR	WF	SF	NP	BB	SM	HA	OTHER	
Yukon River Drainages (downstream from Koyukuk River):																			
Innoko River	135	124	445	0	0	0	0	0	0	0	41	0	14	56	0	0	0		
Other Lakes and Streams	381	1,100	1,645	172	33	0	0	9	0	195	211	297	86	171	28	0	0		
Total Yukon River Drainages (downstream from Koyukuk River)	516 ^c	1,224	2,090	172	33	0	0	9	0	195	252	297	100	227	28	0	0		
Yukon River Drainages (Koyukuk River to Fort Yukon):																			
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	1,049	1,454	2,917	0	7	0	0	197	0	14	1,118	0	39	701	0	0	0	8	
Haul Road Lakes and Streams in Koyukuk Drainage	284	255	488	0	0	0	0	0	0	0	86	0	0	0	0	0	0	0	
Other Haul Road Lakes and Streams	120	83	355	0	10	0	0	0	0	0	57	0	27	14	0	0	0	0	
Nowitna River	225	241	605	0	0	0	0	0	0	0	81	0	7	148	0	0	0	0	
Dall River	531	326	694	39	0	0	0	0	0	0	54	20	37	414	116	0	0	0	
Beaver and Nome Creeks	330	225	1,059	0	0	0	0	0	0	0	122	0	0	7	0	0	0	0	
Other Lakes and Streams	675	1,073	1,819	0	0	0	0	0	0	135	365	0	14	296	271	0	0	0	
Total Yukon River Drainages (Koyukuk River to Fort Yukon)	2,645 ^c	3,657	7,937	39	17	0	0	197	0	149	1,883	20	124	1,580	387	0	0	8	
Yukon River Drainages (Fort Yukon to Canadian Border)																			
	524	747	1,714	10	40	0	0	0	0	0	1,207	81	7	63	0	0	0	0	
Other Streams	375	400	984	0	89	0	0	0	0	0	114	0	0	0	0	0	0	0	
TOTAL	3,867^c	6,028	12,725	221	179	0	0	206	0	344	3,456	398	231	1,870	415	0	0	8	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

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

Appendix A104.-Yukon River Drainages^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV														
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	GR	WF	SF	NP	BB	SM	HA	OTHER
Yukon River Drainages (downstream from Koyukuk River):																	
Innoko River	60	196	0	0	0	0	0	0	0	40	0	13	48	0	0	0	0
Other Lakes and Streams	530	592	154	25	0	0	9	0	110	121	296	64	90	21	0	0	0
Total Yukon River Drainages (downstream from Koyukuk River)	536	631	154	25	0	0	9	0	110	126	296	65	103	21	0	0	0
Yukon River Drainages (Koyukuk River to Fort Yukon):																	
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	256	577	0	7	0	0	143	0	14	335	0	38	275	0	0	0	8
Haul Road Lakes and Streams in Koyukuk Drainage	78	163	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0
Other Haul Road Lakes and Streams	49	275	0	10	0	0	0	0	0	40	0	26	13	0	0	0	0
Nowitna River	87	226	0	0	0	0	0	0	0	83	0	7	64	0	0	0	0
Dall River	80	208	39	0	0	0	0	0	0	54	19	21	246	83	0	0	0
Beaver and Nome Creeks	70	431	0	0	0	0	0	0	0	84	0	0	7	0	0	0	0
Other Lakes and Streams	394	499	0	0	0	0	0	0	131	163	0	13	127	157	0	0	0
Total Yukon River Drainages (Koyukuk River to Fort Yukon)	589	1,203	39	88	0	0	143	0	131	422	19	52	413	175	0	0	8
Yukon River Drainages (Fort Yukon to Canadian Border)																	
	228	516	10	28	0	0	0	0	0	461	80	8	39	0	0	0	0
Other Streams	196	509	0	88	0	0	0	0	0	63	0	0	0	0	0	0	0
TOTAL	862	1,493	161	94	0	0	143	0	171	663	310	83	426	177	0	0	8

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A105.-North Slope Brooks Range Drainages^a sport fish harvest and effort by fisheries and species^b, 1997.

	Anglers	Days						DV							
		Trips	Fished	KS	PS	CS	LT	AC	GR	WF	NP	BB	SM	OTHER	
SALTWATER:															
Shoreline	60	130	692	0	0	0	0	0	0	0	0	0	0	0	
SALTWATER TOTAL	60 c	130	692	0	0	0	0	0	0	0	0	0	0	0	
FRESHWATER:															
Sagavanirktok River	611	1,470	2,204	0	0	0	0	386	201	0	0	0	0	0	
Other Haul Road Streams	270	527	763	0	0	0	0	27	141	0	0	0	0	0	
Other Streams	411	560	952	0	0	0	0	485	477	0	0	0	0	0	
Other Lakes	270	345	667	0	0	0	57	120	84	0	0	0	0	0	
FRESHWATER TOTAL	1,308 c	2,902	4,586	0	0	0	57	1,018	903	0	0	0	0	0	
GRAND TOTAL	1,308 c	3,032	5,278	0	0	0	57	1,018	903	0	0	0	0	0	

^a 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.

^b Refer to Appendix A3 for common names and species abbreviations.

^c 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^a standard errors^b of sport fish harvest and effort by fisheries and species^c, 1997.

	Days		DV										
	Trips	Fished	KS	PS	CS	LT	AC	GR	WF	NP	BB	SM	OTHER
SALTWATER:													
Shoreline	72	481	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	72	481	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:													
Sagavanirktok River	474	620	0	0	0	0	200	91	0	0	0	0	0
Other Haul Road Streams	194	300	0	0	0	0	28	76	0	0	0	0	0
Other Streams	176	263	0	0	0	0	320	239	0	0	0	0	0
Other Lakes	129	209	0	0	0	42	112	62	0	0	0	0	0
FRESHWATER TOTAL	595	873	0	0	0	42	398	279	0	0	0	0	0
GRAND TOTAL	603	1,008	0	0	0	42	398	279	0	0	0	0	0

^a 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.

^b 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.

^c Refer to Appendix A3 for common names and species abbreviations.

Appendix A107.- Comparison of 1997 Alaska statewide survey and onsite survey estimates and confidence intervals (CI).

Fishery	Harvest							
	Onsite Survey	SE	95% CI		Statewide Survey	SE	95% CI	
Ketchikan Marine Boat ^a								
Chinook salmon over 28"	3,179	298	2,595	- 3,763	5,437	545	4,472	- 6,524
Chinook salmon under 28"	66	36	0	- 137	0	0	0	- 0
Coho salmon	14,204	1,901	10,478	- 17,930	32,960	2,830	28,163	- 39,087
Sockeye salmon	21	15	0	- 50	1,342	540	588	- 2,542
Pink salmon	13,557	1,938	9,759	- 17,355	16,254	1,820	13,023	- 20,050
Chum salmon	2,686	489	1,728	- 3,644	7,060	1,024	5,354	- 9,387
Halibut	7,983	806	6,403	- 9,563	14,408	1,137	12,405	- 16,698
Lingcod	445	92	265	- 625	2,098	311	1,535	- 2,741
Rockfish	6,514	716	5,111	- 7,917	8,456	870	6,885	- 10,274
Sitka Marine Boat ^a								
Chinook salmon over 28"	25,838	1,631	22,641	- 29,035	24,713	1,540	21,760	- 27,904
Chinook salmon under 28"	12	11	0	- 34	308	133	98	- 588
Coho salmon	30,789	3,849	23,245	- 38,333	27,956	2,222	23,756	- 32,322
Sockeye salmon	634	171	299	- 969	2,306	958	762	- 4,481
Pink salmon	4,540	645	3,276	- 5,804	3,864	541	2,867	- 5,035
Chum salmon	3,031	758	1,545	- 4,517	3,094	656	1,956	- 4,454
Halibut	21,852	1,962	18,006	- 25,698	19,709	1,141	17,498	- 21,900
Lingcod	6,929	866	5,232	- 8,626	5,733	471	4,791	- 6,654
Rockfish	10,288	1,014	8,301	- 12,275	9,390	877	7,575	- 11,027
Juneau Marine Boat ^a								
Chinook salmon over 28"	7,900	609	6,706	- 9,094	8,697	962	6,933	- 10,676
Chinook salmon under 28"	52	16	21	- 83	70	36	12	- 152
Coho salmon	12,477	1,066	10,388	- 14,566	12,738	1,038	10,794	- 14,799
Sockeye salmon	20	17	0	- 53	233	61	124	- 364
Pink salmon	4,174	473	3,247	- 5,101	3,252	550	2,272	- 4,393
Chum salmon	1,055	187	688	- 1,422	1,571	258	1,101	- 2,110
Halibut	12,547	1,327	9,946	- 15,148	9,966	943	8,136	- 11,885
Lingcod	6	5	0	- 16	589	281	150	- 1,210
Rockfish	1,295	345	619	- 1,971	1,577	327	1,025	- 2,274

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Fishery	Harvest							
	Onsite Survey	SE	95% CI		Statewide Survey	SE	95% CI	
Gastineau Hatcherv Roadside ^b								
Chinook salmon over 28"	931	123	690 -	1,172	895	356	348 -	1,683
Chinook salmon under 28"	110	36	39 -	181	337	142	108 -	643
Coho Salmon	5,108	521	4,087 -	6,129	3,070	1,288	1,249 -	6,044
Pink Salmon	2,878	297	2,296 -	3,460	2,732	880	1,359 -	4,655
Chum Salmon	1,605	235	1,144 -	2,066	1,859	884	602 -	3,879
Kenai River - Cook Inlet to Soldotna Bridge								
Chinook salmon, guided - Early run ^c	3,660	597	2,490 -	4,830	2,288	194	1,911 -	2,683
Chinook salmon, guided - Late run ^c	5,856	488	4,900 -	6,812	4,425	270	3,915 -	4,965
Chinook salmon, nonguided - Early run ^c	1,282	164	961 -	1,603	1,517	149	1,232 -	1,818
Chinook salmon, nonguided - Late run ^c	4,480	516	3,469 -	5,491	3,014	229	2,567 -	3,470

^a Hubartt, et al (1998).

^b Frenette, et al (1998).

^c Marsh (1999).

Appendix A108.-Number of households responding to the 1997 standard and supplementary sport fish surveys by fishery.

	Number of respondents		Total
	Standard	Supplementary	
Area A. Ketchikan Area			
SALTWATER:			
Boat - East, West Behm Canals	164	129	293
Boat - Clarence Strait	99	91	190
Boat - Revilla Channel	174	161	335
Boat - Tongass Narrows	38	25	63
Boat - Yes Bay	27	17	44
Boat - Bell Island	10	10	20
Boat - Other	30	93	123
Shoreline - Mountain Point	7	9	16
Shoreline - Other	26	17	43
FRESHWATER:			
Naha River	11	13	24
Ward Cove Creek	11	2	13
Ketchikan Creek	5	11	16
Other Streams	15	27	42
Ward Lake	19	13	32
Other Lakes	25	23	48
Area B. Prince of Wales Island Area			
SALTWATER:			
Boat - Waterfall Bay	23	20	43
Boat - Eastside Prince of Wales Island	73	68	141
Boat - Westside Prince of Wales Island	140	123	263
Boat - Other	16	45	61
Shoreline	2	8	10
FRESHWATER:			
Thorne System (Stream, Lake)	37	20	57
Sweetwater System (Stream, Lake)	7	7	14
Sarkar System (Stream, Lake)	10	6	16
Other Systems	6	1	7
Klawock River	19	16	35
Staney Creek	15	5	20
Black Bear Creek	9	4	13
Eagle Creek	10	2	12
Harris River	8	7	15
Other Streams	18	20	38
Other Lakes	7	7	14

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	Number of respondents		Total
	Standard	Supplementary	
Area C. Kake, Petersburg, Wrangell, Stikine Area			
SALTWATER:			
Boat - Terminal Harvest Area near Petersburg (in Wrangell)	34	18	52
Boat - Frederick Sound near Petersburg	80	50	130
Boat - Rest of Petersburg Area	20	16	36
Boat - Wrangell Area	48	56	104
Boat - Kake Area	9	8	17
Boat - Sumner Strait	5	9	14
Boat - Other	14	30	44
Shoreline - Petersburg Road System	11	5	16
Shoreline - Other	9	12	21
FRESHWATER:			
Blind Slough (in Wrangell Narrows)	24	17	41
Petersburg Creek	11	12	23
Other Streams	23	24	47
Lakes	8	13	21
Systems	2	0	2
Area D. Sitka Area			
SALTWATER:			
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	49	25	74
Boat - Starrigavan Bay	30	24	54
Boat - Silver Bay	35	26	61
Boat - Other Sitka Sound, incl. Vitskari Island	240	207	447
Boat - Salisbury Sound	82	62	144
Boat - Icy Straight	15	32	47
Boat - Yakobi Island	4	10	14
Boat - Hoonah Area	17	8	25
Boat - Chatham Strait	12	14	26
Boat - Cross Sound	15	18	33
Boat - Elfin Cove	4	11	15
Boat - Kruzof Island	27	34	61
Boat - Baranof Island	5	8	13
Boat - Chichagof Island	7	9	16
Boat - Tenakee Inlet	6	6	12
Boat - Other	80	148	228
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	6	6	12
Shoreline - Starrigavan Bay	10	13	23
Shoreline - Other Sitka Sound	31	11	42
Shoreline - Other	14	15	29
FRESHWATER:			
Eva Lake System (Lake, Stream)	8	9	17
Baranof System (Lake, Stream)	19	9	28
Other Systems	7	8	15
Other Streams	16	30	46
Other Lakes	11	11	22

-continued-

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	Number of respondents		Total
	Standard	Supplementary	
Area E. Juneau Area			
SALTWATER:			
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	311	256	567
Boat - Angoon Area	55	21	76
Boat - Stephens Passage	23	40	63
Boat - Lynn Canal	11	57	68
Boat - Admiralty Island	11	26	37
Boat - Funter Bay	6	25	31
Boat - Sheep Creek Area	1	12	13
Boat - Hand Troller Cove	1	21	22
Boat - Other	65	133	198
Shoreline - Sheep Creek Area	25	12	37
Shoreline - Auke Creek Mouth	28	8	36
Shoreline - Gastineau Hatchery - DIPAC	70	69	139
Shoreline - Other Juneau Road System	78	53	131
Shoreline - Other	20	31	51
FRESHWATER:			
Fish Creek (Douglas Island)	23	17	40
Peterson Creek and Salt Chuck	11	13	24
Cowee Creek	15	26	41
Montana Creek	17	25	42
Other Juneau Road System	8	15	23
Hasselborg Lake	6	6	12
Twin Lakes	11	3	14
Other Streams	22	40	62
Other Lakes	14	15	29
Area F. Haines-Skagway Area			
SKAGWAY SUB-AREA			
SALTWATER:			
Boat	58	56	114
Shoreline	13	4	17
FRESHWATER:			
Streams	13	4	17
Lakes	7	4	11
HAINES SUB-AREA			
SALTWATER:			
Boat - Lynn Canal	8	17	25
Boat - Other	36	46	82
Shoreline	11	11	22
FRESHWATER:			
Chilkoot River	50	41	91
Chilkat River	31	30	61
Other Streams	6	7	13
Chilkoot Lake	24	21	45
Chilkat Lake	8	10	18
Other Lakes	4	3	7

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	Number of respondents		Total
	Standard	Supplementary	
Area G. Glacier Bay Area			
SALTWATER:			
Boat - Icy Straits	54	46	100
Boat - Glacier Bay	35	30	65
Boat - Excursion Inlet	24	23	47
Boat - Gustavus Area	43	36	79
Boat - Other	3	11	14
Shoreline	10	10	20
FRESHWATER:			
Bartlett River	9	12	21
Salmon River	5	7	12
Streams	8	4	12
Lakes	1	0	1
Area H. Yakutat Area			
SALTWATER:			
Boat - Yakutat Bay	76	80	156
Boat - Other	5	12	17
Shoreline - Yakutat Bay	14	9	23
Shoreline - Other	1	3	4
FRESHWATER:			
Situk River, above weir	85	75	160
Situk River, below weir	68	47	115
Tsiu River	10	21	31
East Alsek River	4	8	12
Lost River	18	22	40
Other Streams	6	19	25
Ankau System (River, Lagoons, Outlet)	6	5	11
Lakes	2	2	4
Area I. Upper Copper/Upper Susitna Drainages			
Gulkana River (Paxson to Sourdough)	114	80	194
Gulkana River (Sourdough to Highway)	148	115	263
Gulkana River Other	30	33	63
Klutina River	128	123	251
Mendeltna Creek	17	8	25
Tonsina River	24	11	35
Other Streams	36	56	92
Lake Louise	55	31	86
Susitna Lake	12	2	14
Van (Silver) Lake	8	15	23
Paxson Lake	48	26	74
Summit Lake (near Paxson)	30	11	41
Crosswind Lake	7	11	18
Other Lakes	57	61	118

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	Number of respondents		Total
	Standard	Supplementary	
Area J. Prince William Sound Area			
SALTWATER:			
Boat - Valdez Bay (including Port Valdez)	359	251	610
Boat - Passage Canal (Whittier)	98	52	150
Boat - Orca Inlet	41	56	97
Boat - Esther Island	30	43	73
Boat - Montague Island	36	73	109
Boat - Hinchinbrook Area	6	18	24
Boat - Other	65	168	233
Shoreline - Valdez Road System	149	32	181
Shoreline - Orca Inlet	27	13	40
Shoreline - Remainder of Valdez Arm	36	148	184
Shoreline - Other	16	27	43
FRESHWATER:			
Eyak River	22	20	42
Eshamy Lake, Creek, and Lagoon	6	6	12
Robe River Drainage	8	7	15
Alaganik Slough	16	10	26
Coghill River	6	6	12
Clear Creek	22	18	40
Other Streams	27	41	68
Other Lakes	14	21	35
Area K. Knik Arm Drainage Area			
SALTWATER:			
Boat	4	0	4
Shoreline	7	1	8
FRESHWATER:			
Little Susitna River	293	224	517
Knik River and Tributaries, including Jim Creek	81	32	113
Wasilla Creek (Rabbit Slough)	20	14	34
Cottonwood Creek	27	18	45
Fish Creek (Big Lake Drainage)	26	9	35
Eklutna Power Plant Raceway	57	34	91
Other Streams	7	9	16
Wasilla Lake	14	9	23
Finger Lake	69	50	119
Kepler Lake Complex	83	64	147
Big Lake	85	64	149
Long Lake (Mile 85 Glenn Highway)	3	16	19
Memory Lake	6	8	14
Bonnie Lake	4	10	14
Cottonwood Lake	9	3	12
Flat Horn Lake	6	14	20
Lucille Lake	13	5	18
Lorraine Lake	5	8	13
Figure Eight Lake	8	5	13
Nancy Lake	36	22	58
South Rolly Lake	18	3	21
Nancy Lake Recreation Area, Other Fishing Sites	43	38	81
Other Lakes	85	77	162

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	Number of respondents		Total
	Standard	Supplementary	
Area L. Anchorage Area			
SALTWATER:			
Boat	2	2	4
Shoreline	23	8	31
FRESHWATER:			
Jewel Lake	65	43	108
Campbell Point Lake	18	20	38
Sand Lake	20	20	40
Lower Fire Lake	31	16	47
Mirror Lake	44	38	82
Otter Lake	63	38	101
Clunie Lake	37	33	70
Gwen Lake	26	13	39
Sixmile Lake	43	21	64
Green Lake	23	18	41
Hillberg Lake	28	12	40
Triangle Lake	14	9	23
C Street (Taku) Lake	18	14	32
Fish Lake	17	10	27
Cheney Lake	35	34	69
Beach Lake	40	33	73
DeLong Lake	34	25	59
Other Lakes	22	37	59
Ship Creek	403	301	704
Bird Creek	165	124	289
Campbell Creek	60	42	102
Twentymile River	47	39	86
Eagle River	38	22	60
Other Streams	23	27	50

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	Number of respondents		Total
	Standard	Supplementary	
Area M. East Susitna River Drainage			
Willow Creek	301	226	527
Caswell Creek	31	12	43
Montana Creek	215	188	403
Sunshine Creek	32	20	52
Talkeetna River and Tributaries, including Clear Creek	226	224	450
Sheep Creek	111	83	194
Little Willow Creek	80	68	148
Goose Creek	43	25	68
Birch Creek	8	4	12
Kashwitna River	20	13	33
Troublesome Creek	17	12	29
Other Streams	32	25	57
Lakes	28	24	52
Area N. West Cook Inlet-West Susitna River Drainages			
SALTWATER:			
Upper Cook Inlet (Boat Sites North of Chinitna Point)	3	11	14
Lower Cook Inlet (Boat Sites South of Chinitna Point)	4	20	24
Other Boat	45	3	48
Razor Clams: Polly Creek Beach/Crescent River Bar	18	5	23
Other Shoreline	13	7	20
FRESHWATER:			
Deshka River (Kroto Creek)	68	55	123
Lake Creek	104	123	227
Fish Lake Creek and Fish Lakes (Yentna Drainage)	45	17	62
Alexander Creek/Lake	99	79	178
Talachulitna River	57	30	87
Chuitna River	33	25	58
Theodore River	8	4	12
Kustatan River	33	32	65
Peters Creek	9	10	19
Silver Salmon Creek	14	12	26
Yentna River	10	21	31
Susitna River	3	16	19
Other Sites - Susitna River Drainages	42	33	75
Other Sites - Susitna to North Forelands	14	20	34
Other Sites - South of North Forelands	15	17	32
Other Streams	23	28	51
Big River Lakes	11	21	32
Trapper Lake	14	9	23
Other Lakes	5	15	20

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	Number of respondents		Total
	Standard	Supplementary	
Area P. Kenai Peninsula Area			
KENAI RIVER FRESHWATER NONGUIDED:			
Kenai River - (Cook Inlet to Soldotna Bridge)	536	616	1,152
Kenai River - (Soldotna Bridge to Moose River)	372	339	711
Kenai River - (Moose River to Skilak Outlet)	198	156	354
Kenai River - (Skilak Inlet to Kenai Lake)	261	268	529
KENAI RIVER FRESHWATER GUIDED:			
Kenai River - (Cook Inlet to Soldotna Bridge)	447	411	858
Kenai River - (Soldotna Bridge to Moose River)	209	106	315
Kenai River - (Moose River to Skilak Outlet)	79	31	110
Kenai River - (Skilak Inlet to Kenai Lake)	77	61	138
OTHER FRESHWATER:			
Anchor River	216	149	365
Ninilchik River	209	140	349
Deep Creek	170	78	248
Resurrection Creek	33	39	72
Trail Creek/River	4	8	12
Quartz Creek	56	39	95
Sixmile Creek Drainage	14	13	27
Russian River	579	518	1,097
Kasilof River - Nonguided Bank Fishing	251	164	415
Kasilof River - Nonguided Boat Fishing	56	35	91
Kasilof River - Guided Bank Fishing	38	4	42
Kasilof River - Guided Boat Fishing	125	88	213
Ptarmigan Creek	11	5	16
Crooked Creek	3	9	12
Other Streams	35	47	82
Swanson River	47	31	78
Swanson River Canoe Route Lakes	29	28	57
Swan Lake Canoe System	16	21	37
Hidden Lake	35	31	66
Crescent Lake	22	19	41
Skilak Lake	38	22	60
Tustumena Lake	24	12	36
Kenai Lake	11	16	27
Johnson Lake	17	25	42
Elephant Lake	11	20	31
Other Lakes	82	96	178
SALTWATER FINFISH CHARTER BOAT:			
Barren Islands	180	195	375
Resurrection Bay (Seward)	411	428	839
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	535	532	1,067
Other Cook Inlet North of Ninilchik River	4	17	21
Other Cook Inlet/Gulf Coast West of Gore Point	618	767	1,385
Other Gulf Coast East of Gore Point	17	22	39

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	Number of respondents		Total
	Standard	Supplementary	
Area P. Kenai Peninsula Area (continued)			
SALTWATER FINFISH PRIVATE BOAT:			
Barren Islands	26	15	41
Resurrection Bay (Seward)	289	346	635
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	351	474	825
Other Cook Inlet North of Ninilchik River	4	8	12
Other Cook Inlet/Gulf Coast West of Gore Point	422	340	762
Other Gulf Coast East of Gore Point	14	13	27
SALTWATER FINFISH SHORELINE:			
Homer Spit (Kachemak Bay)	213	204	417
Resurrection Bay (Seward)	227	223	450
Seldovia Bay	12	3	15
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	4	21	25
Shoreline - Other	10	23	33
SALTWATER SHELLFISH:			
SHELLFISH BETWEEN KASILOF AND ANCHOR POINT:			
Anchor River to Deep Creek	92	47	139
Deep Creek to Set Net Access	156	165	321
Clam Gulch Beach (Set Net Access to Kasilof River)	185	283	468
OTHER SHELLFISH:			
Kachemak Bay (Homer)	107	91	198
Resurrection Bay (Seward)	10	0	10
Other Sites	2	2	4
Area Q. Kodiak Area			
SALTWATER:			
Boat - Chiniak Bay Area	92	103	195
Boat - Afognak Island Area	62	39	101
Boat - Ugak Bay	5	12	17
Boat - Uyak Bay	13	14	27
Boat - Shuyak Area	14	2	16
Boat - Other	33	59	92
Shoreline - Chiniak Bay Area	37	15	52
Shoreline - Afognak Island Area	18	6	24
Shoreline - Afognak Lagoon (Litnik)	9	11	20
Shoreline - Other	11	18	29
FRESHWATER:			
Buskin River	88	66	154
Pasagshak River	49	35	84
Karluk River and Lagoon	50	33	83
American River	53	47	100
Olds River (or Creek)	39	27	66
Red River (Ayakulik)	27	17	44
Saltery Cove Streams	12	14	26
Afognak River	6	11	17
Other Remote Streams	26	32	58
Other Road System Streams	22	19	41
Roadside Lakes	6	12	18
Other Lakes	3	8	11

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	Number of respondents		Total
	Standard	Supplementary	
Area R. Naknek River Drainage-Alaska Peninsula Area			
SALTWATER:			
Boat - Unalaska Island	11	5	16
Boat - Unalaska Bay	10	14	24
Boat - Other	23	20	43
Shoreline	13	13	26
FRESHWATER:			
Cold Bay Area (including Russel Creek)	12	5	17
Naknek River above Rapids Camp	32	30	62
Naknek River below Rapids Camp	61	53	114
Brooks River	44	34	78
American Creek	17	9	26
Other Streams	33	40	73
Ugashik System	18	19	37
Becharof System	10	11	21
Other Systems	2	1	3
Naknek Lake - Bay of Islands	13	4	17
Naknek Lake - Other	10	5	15
Other Lakes	8	8	16
Area S. Kvichak River Drainage Area			
SALTWATER:			
Boat	3	0	3
Shoreline	3	0	3
FRESHWATER:			
Kvichak River	46	44	90
Newhalen River	35	38	73
Alagnak (Branch) River	61	67	128
Copper River (tributary of Lake Iliamna)	23	31	54
Lower Talarik Creek	11	9	20
Kulik River	7	11	18
Moraine Creek	6	13	19
Other Streams	19	40	59
Lake Iliamna	9	17	26
Lake Clark	19	20	39
Other Lakes	13	19	32
Area T. Nushagak Area			
SALTWATER:			
Boat	5	2	7
Shoreline	7	0	7
FRESHWATER:			
Nushagak River - Black Pt. to outlet of Iowithia R.	34	35	69
Nushagak River - Iowithia R. to outlet of Mulchatna R.	15	22	37
Nushagak River - upstream from mouth of Mulchatna R.	28	30	58
Other Nushagak System	10	20	30
Wood River Lakes System	49	52	101
Tikchik-Nuyakuk Lake System	26	19	45
Togiak River System	23	27	50
Mulchatna River	17	12	29
Chilikadrotna River	11	4	15
Other Streams	9	11	20
Other Lakes	10	2	12

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	Number of respondents		Total
	Standard	Supplementary	
Area U. Tanana River Drainages			
Upper Chena River	160	72	232
Lower Chena River	152	109	261
Piledriver Slough	60	41	101
Nenana River Drainage (excluding Brushkana Creek)	15	12	27
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	52	31	83
Upper Chatanika River (upstream of Elliot Hwy)	47	26	73
Salcha River	87	66	153
Delta Clearwater River	37	28	65
Goodpaster River	10	14	24
Brushkana Creek	17	17	34
Lower Tanana River	11	4	15
Middle Tanana River	21	31	52
Upper Tanana River	5	10	15
Delta River (below Tangle Lakes)	10	7	17
Other Streams	36	60	96
Birch Lake	91	62	153
Quartz Lake	84	78	162
Fielding Lake	12	11	23
Minto Flats	47	34	81
Tangle Lakes and Tangle River	67	74	141
Chena Lake (Lake only)	59	59	118
Harding Lake	48	39	87
Dune Lake	13	8	21
George Lake	10	7	17
Steese Ponds	25	13	38
Chena Hot Springs Road Ponds	24	30	54
Meadow Road Lakes	9	9	18
Coal Mine Road Lakes	16	12	28
Other Lakes	80	90	170
Area V. Kuskokwim-Goodnews Drainages			
SALTWATER:			
Boat	3	2	5
Shoreline	1	0	1
FRESHWATER:			
Kuskokwim-Goodnews Drainages above Aniak River			
Holitna River	14	12	26
Other Streams	12	4	16
Other Lakes	1	2	3
Kuskokwim-Goodnews Drainages below Aniak River			
Aniak River	29	28	57
Kanektok River	42	49	91
Goodnews River	20	20	40
Other Streams	16	14	30
Other Lakes	4	3	7
Kuskokwim-Goodnews Drainages Other Waters			
Other Streams	11	16	27
Other Lakes	2	1	3

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	Number of respondents		Total
	Standard	Supplementary	
Area W. Seward Peninsula-Norton Sound Drainages			
SALTWATER:			
Boat	14	2	16
Shoreline	8	2	10
FRESHWATER:			
Nome River	21	8	29
Pilgrim River	11	7	18
Unalakleet River	21	17	38
Fish-Niukluk River System	16	8	24
Solomon River	8	4	12
Snake River	8	4	12
Other Streams	18	16	34
Lakes	1	0	1
Area X. Northwest Alaska Drainages			
SALTWATER:			
Boat	0	2	2
Shoreline	1	0	1
FRESHWATER:			
Kobuk River	7	7	14
Noatak River	10	2	12
Other Streams	11	6	17
Lakes	2	1	3
Area Y. Yukon River Drainages			
Yukon River Drainages (downstream from Koyukuk River)			
Innoko River	4	3	7
Other Lakes and Streams	9	11	20
Yukon River Drainages (Koyukuk River to Fort Yukon)			
Koyukuk River Drainage (excluding Haul Road drainages or	25	29	54
Haul Road Lakes and Streams in Koyukuk Drainage	7	6	13
Other Haul Road Lakes and Streams	2	2	4
Nowitna River	7	4	11
Dall River	11	8	19
Beaver and Nome Creeks	8	4	12
Other Lakes and Streams	11	18	29
Yukon River Drainages (Fort Yukon to Canadian Border)	15	10	25
Other Streams	0	11	11
Area Z. North Slope Brooks Range Drainages			
SALTWATER:			
Shoreline	4	0	4
FRESHWATER:			
Sagavanirktok River	18	13	31
Other Haul Road Streams	8	8	16
Other Streams	13	8	21
Other Lakes	5	9	14