

AK LEGISLATURE SPECIAL COMMITTEE FILES SCOM 156 3339₂₃

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Note: Other fish were reported, but species could not be determined, or species were incidental.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix A68.—Upper Copper River Drainage standard errors of sport fish harvest and effort by fisheries and species, 2004.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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