

Data on Personal Use Fisheries Provided to the Office of
Representative Stoltze by the Department of Fish & Game

Ben Mulligan

Subject: Personal use fishery information

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Chatanika River Personal Use Whitefish Spear Fishery Results

Year	Permits		Number of Households that Fished	Total Whitefish Harvest	Average Harvest/ Permit
	Issued	Returned			
2007	100	97	52	267	5.13
2008	200	191	92	522	5.67
2009*	200	174	113	682	6.04

* 2009 results are preliminary

Upper Cook Inlet including Kenai Dip Net, Kasilof Dip Net, and Kasilof Gillnet (all fisheries are covered under the same permit)

Permits Issued	Year	Mean number of individuals per permit	Number of Individuals Represented	Total Salmon Harvested	Mean Harvest per Household	Mean Harvest per Individual
18,563	2006	3.0	56,198	234,391	12.6	4.2
23,046	2007	3.0	70,065	364,334	15.8	5.2
23,722	2008	3.0	70,903	336,040	14.2	4.7

Chitna Dipnet

Permits Issued	Year	Individual Permits	Household Permits	Mean number of individuals per permit	Number of Individuals Represented	Total Salmon Harvested	Mean Harvest per Household	Mean Harvest per Individual
8,642	2006	1,357	7,285	2.9	25,203	130,515	15.0	5.0
8,474	2007	1,305	7,169	2.9	24,495	131,217	15.5	5.4
8,258	2008	1,256	7,002	2.9	23,922	86,476	10.5	3.6

Total for Upper Cook Inlet and Chitna

Permits Issued	Year	Mean number of individuals per permit	Number of Individuals Represented	Total Salmon Harvested	Mean Harvest per Household	Mean Harvest per Individual
27,207	2006	3.0	81,401	364,906	13.4	4.5
31,520	2007	3.0	94,560	495,551	15.7	5.2
31,980	2008	3.0	94,825	422,516	13.2	4.5

Estimated State harvest of salmon in the Copper River Chitina Subdistrict Personal Use Fishery, 1984 - 2009

Year	Permits Issued	Chinook	Sockeye	Coho	Steelhead	Other	Total Harvest	Estimated Harvest Per Permit
1984	5,415	1,760	48,236	717	0	20	50,734	9
1985								
1986	4,031	2,367	41,054	538	0	89	44,047	11
1987	4,245	2,968	43,492	424	0	24	46,908	11
1988	4,251	2,994	42,331	504	1	25	45,855	11
1989	4,582	2,251	55,778	857	25	31	58,941	13
1990	5,689	2,708	66,432	1,511	24	137	70,812	12
1991	6,222	4,056	77,590	3,354	12	46	85,059	14
1992	6,385	3,405	86,724	1,517	31	5	91,683	14
1993	7,914	2,846	93,472	1,416	14	19	97,767	12
1994	7,061	3,743	94,024	1,981	36	39	99,822	14
1995	6,760	4,707	79,006	4,870	21	13	88,617	13
1996	7,198	3,584	95,007	3,381	90	46	102,108	14
1997	9,086	5,447	148,727	160	3	12	154,349	17
1998	10,006	6,723	137,161	2,145	0	46	146,075	15
1999	9,943	5,913	141,658	2,128	0	34	149,779	15
2000	8,151	2,899	107,856	3,657	0	203	108,099	13
2001	9,467	3,113	132,108	2,720	0	484	138,425	15
2002	6,804	2,023	85,968	1,934	0	317	90,242	13
2003	6,441	1,903	80,796	2,533	0	264	85,496	13
2004	8,156	2,495	107,312	2,860	0	509	113,176	14
2005	8,230	2,043	120,013	1,869	0	478	124,403	15
2006	8,497	2,663	123,261	2,715	0	464	129,103	15
2007	8,377	2,694	125,126	1,742	0	660	130,222	16
2008	8,041	1,999	81,359	2,711	0	407	86,476	11
2009	7,917	225	88,651	1,555	0	278	90,709	12
2004-2008	8,260	2,379	111,414	2,379	0	504	116,676	14
1999-2008	8,211	2,775	110,546	2,487	0	382	115,542	14
1990-2008	7,812	3,419	104,400	2,379	12	220	110,090	14

Note: 2009 data are preliminary with only 82.9% returned permits.

Table 1. Effort and harvest in Upper Cook Inlet personal use salmon fisheries, 1996-2009.

Year	Days Open		Days Fished		Sockeye		Chinook		Coho		Pink		Chum		Total							
	Est.	RP	SE	RP	Est.	SE	Est.	SE	Est.	SE	Est.	SE	Est.	SE	Est.	SE						
<i>Kasilof River Dip Net</i>																						
1996	27	1,300	23	3%	11,197	127	2%	50	1	4%	334	18	11%	103	2	4%	17	0	0%	11,701	130	2%
1997	27	1,091	32	6%	9,737	150	3%	35	2	11%	90	3	7%	19	2	21%	19	1	10%	9,900	153	3%
1998	27	3,421	33	2%	45,161	525	2%	134	3	4%	731	18	5%	610	25	8%	74	32	85%	46,710	528	2%
1999	27	3,611	43	2%	37,176	507	3%	127	5	8%	286	50	34%	264	12	9%	52	8	30%	37,905	511	3%
2000	27	2,622	36	3%	23,877	403	3%	134	7	10%	1,004	16	3%	841	39	9%	34	0	0%	25,890	407	3%
2001	27	3,382	37	2%	37,612	505	3%	138	6	9%	766	25	6%	307	14	9%	23	0	0%	38,846	511	3%
2002	44	4,020	38	2%	46,769	530	2%	106	6	11%	1,197	59	10%	1,862	73	8%	139	7	10%	50,073	553	2%
2003	44	3,874	28	1%	43,870	440	2%	57	4	14%	592	49	16%	286	21	14%	30	1	7%	44,835	447	2%
2004	44	4,432	19	1%	48,315	259	1%	44	3	13%	668	21	6%	396	15	7%	90	5	11%	49,513	263	1%
2005	44	4,500	9	0%	43,151	100	0%	16	1	12%	538	16	6%	658	12	4%	102	2	4%	44,465	103	0%
2006	44	5,763	10	0%	56,144	113	0%	55	1	4%	1,057	15	3%	992	8	2%	105	4	7%	58,353	117	0%
2007	44	4,600	9	0%	43,293	105	0%	35	1	6%	487	8	3%	383	6	3%	136	2	3%	44,334	106	0%
2008	44	5,493	13	0%	54,051	153	1%	46	3	13%	509	11	4%	787	10	2%	143	4	5%	55,536	154	1%
2009	44	7,571	20	1%	73,035	246	1%	34	1	6%	1,441	30	4%	1,274	19	3%	173	3	3%	75,957	248	1%
Min.	27	1,091			9,737			16			90			19			17			9,900		
Mean	36	3,977			40,956			72			693			627			81			42,430		
Max.	44	7,571			73,035			138			1,441			1,862			173			75,957		

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Year	Days Open		Days Fished		Sockeye		Chinook		Coho		Pink		Chum		Total							
	Open	Est.	SE	RP	Est.	SE	RP	Est.	SE	RP	Est.	SE	RP	Est.	SE	RP						
<i>Kenai River Dip Net</i>																						
1996	27	10,503	60	1%	102,821	367	1%	295	5	3%	1,932	29	3%	2,404	33	3%	175	10	11%	107,627	375	1%
1997	22	11,023	87	2%	114,619	439	1%	364	13	7%	559	21	7%	619	14	4%	58	5	17%	116,219	448	1%
1998	18	10,802	59	1%	103,847	716	1%	254	10	8%	1,011	62	12%	1,032	62	12%	85	3	7%	106,229	724	1%
1999	22	13,738	79	1%	149,504	1,084	1%	488	13	5%	1,009	108	21%	1,666	64	8%	102	13	25%	152,769	1,094	1%
2000	22	12,354	69	1%	98,262	752	1%	410	18	9%	1,449	62	8%	1,457	75	10%	193	31	31%	101,771	762	1%
2001	22	14,772	66	1%	150,766	909	1%	638	15	5%	1,555	105	13%	1,326	37	5%	155	19	24%	154,440	926	1%
2002	22	14,840	56	1%	180,028	844	1%	606	11	4%	1,721	64	7%	5,662	102	4%	551	36	13%	188,568	874	1%
2003	22	15,263	50	1%	223,580	891	1%	1,016	18	3%	1,332	68	10%	1,647	98	12%	249	22	17%	227,824	905	1%
2004	22	18,513	35	0%	262,831	583	0%	792	7	2%	2,661	66	5%	2,103	27	3%	387	12	6%	268,774	905	1%
2005	22	20,977	18	0%	295,496	273	0%	997	3	1%	2,512	24	2%	1,806	12	1%	321	2	1%	301,132	275	0%
2006	20	12,685	16	0%	127,630	183	0%	1,034	3	1%	2,235	15	1%	11,127	37	1%	551	9	3%	142,577	203	0%
2007	22	21,861	23	0%	291,270	335	0%	1,509	4	1%	2,111	24	2%	1,939	23	2%	472	17	7%	297,301	337	0%
2008	22	20,676	27	0%	234,109	338	0%	1,362	10	1%	2,609	21	2%	10,631	49	1%	504	8	3%	249,215	343	0%
2009	22	26,043	35	0%	339,993	524	0%	1,189	7	1%	2,401	29	2%	5,482	27	1%	285	7	5%	349,350	525	0%
Min.	18	10,503			98,262			254			559			619			58			101,771		
Mean	22	16,004			191,054			782			1,793			3,493			292			197,414		
Max.	27	26,043			339,993			1,509			2,661			11,127			551			349,350		

Year	Days Open		Days Fished		Sockeye		Chinook		Coho		Pink		Chum		Total							
	Open	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a						
<i>Fish Creek Dip Net</i>																						
1996	22	3,749	41	2%	17,260	161	2%	37	8 42%	2,414	25	2%	331	9	5%	153	5	6%	20,195	168	2%	
1997	13	991	34	7%	3,277	76	5%	0	0	63	5	16%	53	7	26%	4	1	49%	3,397	84	5%	
1998	15	1,141	21	4%	4,036	113	5%	1	0	0%	649	19	6%	80	10	25%	29	2	14%	4,795	117	5%
1999	16	432	16	7%	1,083	138	25%	0	0	17	3	35%	12	7	114%	0	0		1,112	139	25%	
2000	16	1,054	25	5%	6,925	211	6%	0	0	958	72	15%	83	12	28%	29	3	20%	7,995	225	6%	
2001	3	131	7	10%	436	40	18%	0	0	18	7	76%	2	0	0%	1	0	0%	457	41	18%	
2002	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	7	1,436	8	1%	9,898	73	1%	10	0	0%	53	6	22%	66	3	9%	33	5	30%	10,060	73	1%
Min.	0	131	-	-	436	-	-	0	0	17	-	-	2	-	-	0	-	-	457	-	-	-
Mean	7	1,276	-	-	6,131	-	-	7	7	596	-	-	90	-	-	36	-	-	6,859	-	-	-
Max.	22	3,749	-	-	17,260	-	-	37	37	2,414	-	-	331	-	-	153	-	-	20,195	-	-	-

Year	Days Fished			Sockeye			Chinook			Coho			Pink			Chum			Total			
	Open	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a	Est.	SE	RP ^a
Upper Cook Inlet Personal Use Fisheries Total																						
1996	-	16,606	85	1%	145,545	644	1%	452	12	5%	4,811	56	2%	2,973	50	3%	350	12	6%	154,131	655	1%
1997	-	14,923	114	1%	148,940	592	1%	464	13	6%	777	26	7%	844	27	6%	88	6	14%	151,113	604	1%
1998	-	17,360	84	1%	176,581	1,032	1%	549	14	5%	2,685	102	7%	1,933	70	7%	220	34	30%	181,968	1,043	1%
1999	-	19,752	101	1%	208,589	1,309	1%	1,108	31	5%	1,413	119	17%	2,078	66	6%	168	15	18%	213,356	1,320	1%
2000	-	17,930	88	1%	149,267	961	1%	1,102	28	5%	3,638	114	6%	2,482	86	7%	290	35	23%	156,779	976	1%
2001	-	20,625	86	1%	218,688	1,176	1%	1,138	24	4%	2,637	112	8%	1,821	46	5%	276	39	28%	224,560	1,197	1%
2002	-	21,224	74	1%	259,623	1,092	1%	1,070	17	3%	3,271	91	5%	8,470	149	3%	757	38	10%	273,191	1,136	1%
2003	-	21,668	63	1%	298,831	1,061	1%	1,711	34	4%	2,250	85	7%	2,082	101	9%	371	24	13%	305,245	1,079	1%
2004	-	25,360	43	0%	350,091	678	0%	1,098	9	2%	3,754	75	4%	2,715	32	2%	502	14	5%	358,158	689	0%
2005	-	27,253	21	0%	369,776	311	0%	1,132	3	1%	3,415	29	2%	2,520	17	1%	428	3	1%	377,271	314	0%
2006	-	20,543	20	0%	216,047	236	0%	1,405	4	1%	3,759	27	1%	12,434	41	1%	746	10	3%	234,391	242	0%
2007	-	28,602	29	0%	356,717	386	0%	1,924	5	1%	2,727	26	2%	2,352	24	2%	614	17	5%	364,334	388	0%
2008	-	28,331	34	0%	318,594	412	0%	1,601	11	1%	3,249	24	1%	11,869	52	1%	727	10	3%	336,040	416	0%
2009	-	37,522	45	0%	457,539	629	0%	1,384	7	1%	4,204	45	2%	6,969	34	1%	559	13	5%	470,655	631	0%
Min.		14,923			145,545			452			777			844			88			151,113		
Mean		22,693			262,488			1,153			3,042			4,396			435			271,514		
Max.		37,522			457,539			1,924			4,811			12,434			757			470,655		