

**APPENDIX B  
HISTORICAL RECORD OF ESCAPEMENTS TO  
INLAND FISHERIES AND SPAWNING AREAS**

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TABLE B-1. California Central Valley natural fall Chinook salmon spawning escapements in numbers of fish.<sup>a/</sup>

Year or Average	Upper Sacramento River		Lower Sacramento River						Sacramento River Totals		San Joaquin River Totals		Central Valley			
	Adults	Jacks	Feather River Adults	Jacks	Yuba River Adults	Jacks	American River Adults	Jacks	Total Adults	Jacks	Adults	Jacks	Adults	Jacks	Adults	Jacks
1971-1975	58,462	18,289	40,221	9,745	10,877	1,615	41,726	3,695	92,824	15,055	151,286	33,344	13,462	1,345	164,748	34,690
1976-1980	67,011	17,905	33,954	3,544	7,387	1,563	28,509	1,344	69,850	6,452	136,861	24,357	2,886	763	139,747	25,120
1981-1985	57,793	22,432	36,252	5,243	12,825	5,146	32,332	4,954	81,409	15,343	139,202	37,775	34,930	10,721	174,132	48,496
1986-1990	87,397	17,244	38,709	6,426	9,261	2,444	24,420	3,323	72,390	12,193	159,787	29,437	10,853	4,377	170,640	33,814
1991	35,258	4,633	28,524	2,821	11,164	2,844	16,456	1,627	56,144	7,292	91,402	11,925	764	153	92,166	12,078
1992	31,734	9,112	19,790	4,315	4,517	1,845	3,416	1,395	27,723	7,555	59,457	16,667	1,094	846	60,551	17,513
1993	55,144	5,409	27,367	3,556	5,818	885	22,227	6,527	55,412	10,968	110,556	16,377	2,659	751	113,215	17,128
1994	66,383	20,371	31,013	7,369	7,046	3,844	28,589	2,931	66,647	14,145	133,030	34,516	4,168	1,253	137,197	35,770
1995	112,234	17,958	56,197	3,715	12,998	1,239	72,056	8,274	141,252	13,227	253,486	31,185	4,445	1,515	257,931	32,700
1996	131,267 <sup>b/</sup>	11,650 <sup>b/</sup>	44,593	12,577	23,492	4,408	67,719	7,026	135,803	24,012	267,071	35,661	5,766	5,979	272,837	41,640
1997	167,354	13,736	47,009	3,538	19,202	6,746	46,036	6,159	112,246	16,444	279,600	30,180	17,983	1,146	297,583	31,326
1998	60,713 <sup>b/</sup>	5,137 <sup>b/</sup>	39,600 <sup>c/</sup>	3,400	26,737	4,353	41,094	13,698	107,431	21,451	168,144	26,588	13,119	6,292	181,263	32,880
1999	256,629	7,495	30,000 <sup>c/</sup>	7,500	18,778	5,452	48,311	8,688	97,089	21,640	353,718	29,135	10,708	7,185	364,426	36,320
2000	152,923	3,900	109,924	7,017	12,954	2,041	93,413	5,646	216,291	14,704	369,214	18,604	36,896	2,578	406,110	21,182
2001	130,440	5,132	169,588	9,114	21,567	1,825	167,062	13,553	358,217	24,492	488,657	29,624	23,899	3,705	512,555	33,330
2002	481,924 <sup>d/</sup>	9,009	93,766	11,397	18,406	4,796	95,711	10,635	207,883	26,828	689,806	35,837	21,852	3,788	711,658	39,626
2003	164,802	4,402	85,578	4,369	26,820	1,489	136,238	9,627	248,636	15,485	413,438	19,887	14,519	2,164	427,957	22,051
2004	70,557	7,221	48,580	5,591	9,260	5,208	75,090	13,774	132,930	24,573	203,487	31,794	7,249	3,311	210,736	35,105
2005	96,716	3,267	43,738	4,848	16,251	987	54,001	2,842	113,990	8,677	210,706	11,944	15,905	1,517	226,611	13,461
2006 <sup>e/</sup>	86,312	2,652	79,412	2,288	7,890	237	19,895	1,105	107,197	3,630	193,509	6,282	6,709	1,209	200,218	7,491

a/ Upper Sacramento River jack estimates based on Red Bluff Diversion Dam samples. All other estimates generally are based on carcass surveys. (Adult and jack numbers generally are based on a 24-inch fork length cut-off [unpublished CDFG data.]) Upper Sacramento River estimates also include Tehama-Colusa Spawning Channel for 1971 to 1980. For years prior to 2004, all numbers in this table were reviewed and updated by CDFG in 2003 to reflect CDFG final project reports.

b/ Total includes Butte Creek, for which a fall spawner survey was conducted in 1996 and 1998.

c/ Survey methodology was variable; may not be comparable to other surveys.

d/ Change in estimation methodology (due to extremely high Battle Creek escapement in 2002).

e/ Preliminary.

TABLE B-2. California Central Valley hatchery fall Chinook salmon spawning escapements in numbers of fish.<sup>a/</sup>

Year or Average	Sacramento Hatcheries								San Joaquin Hatcheries						Central Valley Hatchery Totals	
	Coleman <sup>b/</sup>		Feather River		Nimbus		Totals		Mokelumne River		Merced River		Totals		Adults	Jacks
	Adults	Jacks	Adults	Jacks	Adults	Jacks	Adults <sup>c/</sup>	Jacks	Adults	Jacks	Adults	Jacks	Adults	Jacks		
1971-1975	1,373	1,167	3,882	1,387	7,791	1,311	13,661	4,065	305	156	460	19	765	175	14,427	4,240
1976-1980	4,239	1,292	4,261	1,043	7,238	1,990	17,198	4,760	271	59	346	23	617	82	17,814	4,842
1981-1985	11,557	3,734	6,845	884	10,072	2,257	29,832	7,689	759	734	797	449	1,556	1,183	31,388	8,872
1986-1990	11,507	2,288	5,837	1,947	5,685	1,349	23,028	5,584	278	286	299	140	577	426	23,605	6,010
1991	10,031	652	9,227	1,490	6,772	356	26,030	2,498	33	8	32	9	65	17	26,095	2,515
1992	6,257	1,019	10,324	6,116	5,107	1,349	21,688	8,483	264	446	123	245	387	691	22,074	9,175
1993	7,056	531	10,228	1,763	7,342	3,314	24,626	5,608	1,542	622	234	175	1,776	797	26,402	6,405
1994	11,585	7,406	11,341	3,861	7,676	891	30,601	12,159	1,168	751	497	446	1,665	1,197	32,266	13,356
1995	24,810	1,867	11,566	583	5,172	1,326	41,548	3,776	2,378	945	311	291	2,689	1,236	44,237	5,012
1996	18,848	2,330	6,494	1,613	7,177	474	32,519	4,417	1,828	2,055	395	746	2,223	2,801	34,742	7,218
1997	44,590	6,080	13,358	1,770	5,328	322	63,276	8,172	6,305	189	838	108	7,143	297	70,419	8,469
1998	42,400	1,951	17,567	1,322	9,949	1,839	69,915	5,113	2,686	585	347	452	3,033	1,037	72,948	6,150
1999	23,194	3,776	12,822	1,104	6,207	3,553	42,224	8,432	1,611	1,542	650	987	2,261	2,529	44,484	10,962
2000	20,793	866	16,470	1,676	10,312	848	47,575	3,390	4,637	887	1,615	331	6,252	1,218	53,827	4,608
2001	23,710	988	24,001	871	9,688	1,956	57,399	3,815	4,467	1,427	1,137	523	5,604	1,950	63,003	5,765
2002	61,946	4,112	17,516	2,991	6,231	3,586	85,693	10,689	5,800	2,119	1,250	588	7,050	2,707	92,743	13,396
2003	82,708	5,555	13,615	1,352	11,875	3,012	108,198	9,919	5,108	3,009	392	157	5,500	3,166	113,698	13,085
2004	51,557	16,672	15,769	5,535	12,741	13,659	80,067	35,866	5,477	4,879	456	594	5,933	5,473	86,000	41,339
2005	142,135	2,604	20,597	1,787	20,569	1,780	183,301	6,171	5,035	528	346	75	5,381	603	188,682	6,774
2006 <sup>d/</sup>	56,962	1,055	11,431	150	8,322	406	76,715	1,611	2,796	1,320	130	20	2,926	1,340	79,641	2,951
GOALS <sup>e/</sup>	9,000	-	5,000	-	6,000	-	20,000	-	5,000	-	1,000	-	6,000	-	26,000	-

a/ For years prior to 2004, all numbers in this table were reviewed and updated by CDFG in 2003 to reflect CDFG final project reports.

b/ Fall spawning fish. Some spring run are included.

c/ Total adults in Sacramento Hatcheries include Tehama-Colusa Fish Facility for 1971 to 1985.

d/ Preliminary.

e/ Hatchery specific goals, not PFMC goals.

TABLE B-3. Sacramento River late-fall, winter, and spring Chinook salmon spawning escapement estimates in numbers of fish.

Year or Average	Upper Sacramento River										Grand Totals	
	Late Fall <sup>a/b/</sup>		Winter <sup>a/b/</sup>		Spring							
	Adults	Jacks	Adults	Jacks	Tributary <sup>c/</sup> Adults and Jacks <sup>f/</sup>	Sacramento River <sup>a/d/</sup> Adults Jacks		Feather River <sup>d/e/</sup> Adults Jacks		Adults	Jacks	
1971-1975	18,193	1,087	22,863	9,063	5,194	5,098	1,718	366	-	51,714	11,650	
1976-1980	9,662	1,798	13,499	2,640	1,201	8,335	2,571	375	-	33,073	7,009	
1981-1985	8,102	1,746	5,027	921	1,061	9,798	4,241	1,446	133	25,434	7,040	
1986-1990	10,047	1,761	1,369	390	1,658	8,795	1,930	2,884	406	24,753	4,487	
1991	7,404	859	192	19	798	607	218	4,148	155	13,149	1,251	
1992	9,665	727	1,160	80	1,176	320	51	1,323	174	13,644	1,032	
1993	1,093	174	250	137	1,007	275	116	3,943	729	6,568	1,156	
1994	751	138	62	124	1,684	509	353	2,785	856	5,791	1,471	
1995	307 <sup>g/</sup>	16 <sup>g/</sup>	1,267	30	9,398	341	85	5,003	411	16,315	543	
1996	1,003 <sup>g/</sup>	382 <sup>g/</sup>	708	629	2,322	314	64	5,571	810	9,918	1,886	
1997	4,166 <sup>g/</sup>	412 <sup>g/</sup>	528	352	1,303	36	90	2,970	683	9,003	1,537	
1998	40,185 <sup>h/</sup>	5,055 <sup>h/</sup>	2,079	923	23,609	624	491	6,240	506	72,738	6,974	
1999	24,475 <sup>h/</sup>	3,986 <sup>h/</sup>	822	2,466	6,104	142	117	3,530	201	35,073	6,770	
2000	11,060 <sup>h/</sup>	3,507 <sup>h/</sup>	563	789	5,504	94	38	3,657	315	20,878	4,649	
2001	23,956 <sup>h/</sup>	998 <sup>h/</sup>	1,696	3,827	21,623 <sup>i/</sup>	981	0	4,052	83	52,308	4,908	
2002	39,700 <sup>h/</sup>	401 <sup>h/</sup>	7,614	1,555	20,198 <sup>i/</sup>	430	53	3,982	207	71,924	2,216	
2003	9,295 <sup>h/</sup>	191 <sup>h/</sup>	6,172	3,585	21,798 <sup>i/</sup>	0	0	8,373	389	45,638	4,165	
2004	13,552 <sup>h/</sup>	370 <sup>h/</sup>	2,588	4,604	12,556 <sup>i/</sup>	763	326	3,630	572	33,089	5,872	
2005 <sup>k/</sup>	14,437 <sup>h/</sup>	2,598 <sup>h/</sup>	3,521	1,778	21,319 <sup>i/</sup>	21	9	1,811 <sup>m/</sup>	24 <sup>m/</sup>	41,109	4,409	
2006 <sup>k/</sup>	21,657 <sup>h/</sup>	1,477 <sup>h/</sup>	4,918	2,595	10,615 <sup>i/</sup>	0	0	1,948 <sup>m/</sup>	4 <sup>m/</sup>	39,138	4,076	

a/ Estimated number of jacks and adults based on sampling at Red Bluff Diversion Dam (unpublished CDFG data). Beginning in 1987 for late-fall and winter and 1994 for fall, estimates have been based on historical run patterns and partial counts at Red Bluff Diversion Dam, due to the raising of the dam gates during the last part of fall and late-fall runs and first part of the winter run.

b/ Variable numbers of late-fall and winter run are trapped at Keswick Dam and spawned at Coleman or Livingston Stone Hatcheries.

c/ Natural spawning spring run which are isolated from fall run. Primarily Mill, Deer, and Butte Creeks.

d/ Primarily fish returning to Feather River Hatchery.

e/ Spring run Chinook are not distinguished from fall run in the natural spawning surveys. They are reported in the fall run natural escapement numbers.

f/ No data available for age composition of tributary spring run.

g/ Primarily number of fish spawned at Coleman hatchery. No data are available for natural spawners, as gates were raised during the time coinciding with the late-fall

h/ Data from carcass counts of natural spawners and fish spawned at Coleman hatchery.

i/ Includes Butte Creek spring run estimates.

j/ Jack proportion could not be determined.

k/ Preliminary.

l/ Sacramento River spring run estimates are the total Red Bluff Diversion Dam counts minus the spring run numbers in the upper Sacramento tributaries. If this number  
m/ Methodology change for distinguishing spring run Chinook at Feather River Hatchery was implemented in 2005. Fish arriving at the hatchery prior to the spring Chinook spawning period were tagged and returned to the river. The spring Chinook escapement estimate was the number of these tagged fish that subsequently returned to the hatchery during the spring Chinook spawning period.

TABLE B-4. Summary of Klamath River fall Chinook salmon estimates in numbers of adults and jacks.

Year or Average	Category	Total Inriver Run	Inriver Harvest			Nonlanded Fishery Mortality	Spawning Escapement								
			Indian	Sport	Total		Klamath River			Trinity River			Total		
							Hatchery	Natural	Total	Hatchery	Natural	Total	Hatchery	Natural	Total
1978-1980	Adults	63,306	14,621	2,777	17,398	1,329	3,886	21,277	25,163	3,823	15,593	19,416	7,709	36,871	44,579
	Jacks	23,731	1,379	3,385	4,764	189	544	8,224	8,768	1,515	8,495	10,010	2,059	16,719	18,778
1981-1985	Adults	63,230	17,128	5,096	22,224	1,593	8,812	16,313	25,125	2,934	11,354	14,288	11,746	27,667	39,413
	Jacks	29,811	1,287	6,447	7,734	243	1,162	6,227	7,389	4,888	9,556	14,444	6,050	15,783	21,833
1986-1990	Adults	151,203	36,669	15,145	51,814	3,498	13,194	21,543	34,737	11,912	49,242	61,154	25,106	70,785	95,891
	Jacks	20,227	446	4,924	5,370	139	1,009	3,460	4,469	2,285	7,964	10,248	3,294	11,423	14,718
1991	Adults	32,670	10,198	3,383	13,581	956	4,002	6,782	10,784	2,482	4,867	7,349	6,484	11,649	18,133
	Jacks	1,755	62	686	748	19	65	336	401	205	382	587	270	718	988
1992	Adults	26,698	5,785	1,002	6,787	523	3,581	4,889	8,470	3,779	7,139	10,918	7,360	12,028	19,388
	Jacks	13,693	366	4,120	4,486	116	3,737	2,580	6,317	211	2,563	2,774	3,948	5,143	9,091
1993	Adults	57,212	9,636	3,172	12,808	903	20,828	15,953	36,781	815	5,905	6,720	21,643	21,858	43,501
	Jacks	7,598	175	1,925	2,100	54	883	1,360	2,243	736	2,465	3,201	1,619	3,825	5,444
1994	Adults	63,983	11,692	1,832	13,524	1,054	13,808	21,427	35,235	3,264	10,906	14,170	17,072	32,333	49,405
	Jacks	14,371	293	2,556	2,849	77	758	3,740	4,498	4,442	2,505	6,947	5,200	6,245	11,445
1995	Adults	222,768	15,557	6,081	21,638	1,477	22,681	83,918	106,599	15,178	77,876	93,054	37,859	161,794	199,653
	Jacks	22,774	557	4,420	4,977	138	259	8,062	8,321	76	9,262	9,338	335	17,324	17,659
1996	Adults	175,773	56,476	12,766	69,242	5,172	13,622	38,680	52,302	6,411	42,646	49,057	20,033	81,326	101,359
	Jacks	9,532	190	2,312	2,502	64	543	1,696	2,239	249	4,478	4,727	792	6,174	6,966
1997	Adults	83,736	12,087	5,676	17,763	1,167	13,275	34,637	47,912	5,387	11,507	16,894	18,662	46,144	64,806
	Jacks	7,993	35	2,409	2,444	52	452	1,380	1,832	820	2,845	3,665	1,272	4,225	5,497
1998	Adults	90,647	10,187	7,710	17,897	1,043	14,923	18,028	32,951	14,296	24,460	38,756	29,219	42,488	71,707
	Jacks	4,639	53	1,108	1,161	28	403	881	1,284	192	1,974	2,166	595	2,855	3,450
1999	Adults	51,048	14,660	2,282	16,942	1,322	9,290	11,660	20,950	5,037	6,797	11,834	14,327	18,457	32,784
	Jacks	19,248	271	1,616	1,887	57	4,830	6,293	11,123	2,027	4,154	6,181	6,857	10,447	17,304
2000	Adults	218,077	29,415	5,650	35,065	2,673	71,635	58,388	130,023	25,976	24,340	50,316	97,611	82,728	180,339
	Jacks	10,246	303	1,582	1,885	58	839	2,891	3,730	1,070	3,503	4,573	1,909	6,394	8,303
2001	Adults	187,333	38,645	12,134	50,779	3,608	37,204	40,944	78,148	17,908	36,890	54,798	55,112	77,834	132,946
	Jacks	11,343	399	1,500	1,899	66	1,364	6,378	7,742	267	1,369	1,636	1,631	7,747	9,378
2002	Adults	160,788 <sup>a/</sup>	24,574	10,495	35,069	2,351	23,667	54,225	77,892	3,516	11,410	14,926	27,183	65,635	92,818
	Jacks	9,226	126	870	996	29	1,294	1,529	2,823	1,037	2,338	3,375	2,331	3,867	6,198
2003	Adults	191,949	30,034	9,680	39,714	2,810	31,970	55,423	87,393	29,812	32,219	62,031	61,782	87,642	149,424
	Jacks	3,845	44	814	858	21	290	848	1,138	574	1,254	1,828	864	2,102	2,966
2004	Adults	79,191	25,803	4,003	29,806	2,325	10,582	10,959	21,541	12,399	13,120	25,519	22,981	24,079	47,060
	Jacks	9,691	168	2,741	2,909	71	937	891	1,828	1,044	3,839	4,883	1,981	4,730	6,711
2005	Adults	65,227	8,016	1,985	10,001	738	13,955	13,554	27,509	13,744	13,235	26,979	27,699	26,789	54,488
	Jacks	2,296	70	1,030	1,100	27	42	398	440	59	670	729	101	1,068	1,169
2006 <sup>b/</sup>	Adults	61,630	10,285	62	10,347	1,338	11,604	14,264	25,868	7,918	16,158	24,076	19,522	30,422	49,944
	Jacks	27,073	415	5,468	5,883	148	2,386	6,515	8,901	4,076	8,065	12,141	6,462	14,580	21,042
GOAL	Adults														≥35,000

a/ Total inriver run includes an estimated 30,550 fish that died prior to spawning in September 2002.

b/ Preliminary.

TABLE B-5. Estimates of Yurok and Hoopa Valley reservation Indian gillnet Chinook harvest in numbers of fish.

Year	Area	Spring Run			Fall Run		
		Jack	Adult	Total	Jack	Adult	Total
2000	Commercial:Estuary	-	33	33	-	4,104	4,104
	Middle Klamath	-	2	2	-	186	186
	Upper Klamath	-	1	1	-	813	813
	Subsistence:Estuary	5	1,739	1,744	35	13,174	13,209
	Middle Klamath	0	509	509	29	1,049	1,078
	Upper Klamath	8	909	917	111	4,127	4,238
	Trinity River	29	1,325	1,354	128	5,962	6,090
Total	42	4,518	4,560	303	29,415	29,718	
2001	Commercial:Estuary	79	4,637	4,716	63	7,011	7,074
	Upper Klamath	1	58	59	1	51	52
	Subsistence:Estuary	152	8,846	8,998	198	21,956	22,154
	Middle Klamath	0	134	134	28	1,697	1,725
	Upper Klamath	19	1,504	1,523	49	2,976	3,025
	Trinity River	46	4,164	4,210	60	4,954	5,014
	Total	297	19,343	19,640	399	38,645	39,044
2002	Commercial:Estuary	7	1,852	1,859	7	8,952	8,959
	Upper Klamath	-	-	-	-	-	-
	Subsistence:Estuary	25	6,551	6,576	10	11,197	11,207
	Middle Klamath	70	1,310	1,380	10	729	739
	Upper Klamath	24	2,205	2,229	31	2,528	2,559
	Trinity River	40	3,052	3,062	68	1,168	1,236
	Total	166	14,970	15,136	126	24,574	24,700
2003	Commercial:Estuary	4	779	783	11	17,084	17,095
	Upper Klamath	0	0	0	0	0	0
	Subsistence:Estuary	10	1,800	1,810	4	5,604	5,608
	Middle Klamath	0	2,355	2,355	5	1,376	1,381
	Upper Klamath	0	1,730	1,730	12	3,199	3,211
	Trinity River	7	2,380	2,387	12	2,771	2,783
	Total	21	9,044	9,065	44	30,034	30,078
2004	Commercial:Estuary	2	408	410	13	14,251	14,264
	Upper Klamath	0	0	0	13	540	554
	Subsistence:Estuary	10	2,178	2,188	62	6,787	6,848
	Middle Klamath	6	2,346	2,352	14	577	591
	Upper Klamath	11	1,715	1,726	46	1,959	2,005
	Trinity River	62	1,944	2,006	20	1,689	1,709
	Total	91	8,591	8,682	168	25,083	25,971
2005	Commercial:Estuary	0	0	0	0	0	0
	Upper Klamath	0	0	0	0	0	0
	Subsistence:Estuary	0	477	477	21	2,293	2,314
	Middle Klamath	0	518	518	5	464	469
	Upper Klamath	0	1,320	1,320	33	2,851	2,884
	Trinity River	17	1,858	1,858	11	2,409	2,420
	Total	33	7,286	7,302	70	8,017	8,087
2006 <sup>a/</sup>	Commercial:Estuary	0	0	0	0	0	0
	Upper Klamath	0	0	0	0	0	0
	Subsistence:Estuary	0	309	309	30	2,726	2,756
	Middle Klamath	3	1,113	1,116	92	1,310	1,402
	Upper Klamath	11	1,281	1,292	148	2,086	2,234
	Trinity River	56	1,632	1,688	145	4,163	4,308
	Total	70	4,335	4,405	415	10,285	10,700

a/ Preliminary.

TABLE B-6. Shasta River fall Chinook salmon weir counts or spawning escapement estimates in numbers of fish.<sup>a/</sup>

Year or Average	Adults	Jacks	Total
1931-1935 <sup>b/</sup>	37,474	12,690	50,164
1936-1940	26,165	8,223	34,389
1941-1945	9,654	3,129	12,783
1946-1950	1,862	178	2,040
1951-1955	1,577	370	1,947
1956-1960	6,146	1,074	7,220
1961-1965	15,167	4,388	19,555
1966-1970	10,472	1,410	11,882
1971-1975	6,297	2,866	9,163
1976-1980 <sup>c/</sup>	6,506	3,194	9,700
1981-1985	4,560 <sup>d/</sup>	1,942	6,503
1986-1990 <sup>e/</sup>	2,403	318	2,721
1991	716	10	726
1992	520	66	586
1993	1,341	85	1,426
1994	3,363	1,840	5,203
1995	12,816	695	13,511
1996	1,404	46	1,450
1997	1,667	334	2,001
1998	2,466	76	2,542
1999	1,296	1,901	3,197
2000	11,025	1,271	12,296
2001	8,452	2,641	11,093
2002	6,432	386	6,818
2003	4,134	155	4,289
2004	833	129	962
2005 <sup>f/</sup>	2,018	37	2,055
2006 <sup>f/</sup>	789	1,395	2,184

a/ From 1930-1937, 1957-1987 and 1991-1995, the counts were made near the river mouth. From 1938-1955, they were made 6.5 miles upstream from the mouth; considerable spawning occurred downstream from the racks in these years. From 1988-1990, escapements were estimated from mark-recapture data (spawning surveys).

b/ Commercial fishing in lower Klamath River closed by the state after the 1933 season.

c/ Gillnetting resumed in lower 20 miles of Klamath River by Hoopa Valley Indian Reservation fishers in 1976.

d/ Includes 276 females taken to Iron Gate Hatchery in 1981.

e/ Low water conditions appeared to hinder entry into the river in 1998.

f/ Preliminary.



TABLE B-7. Summary of California North Coast salmon spawning stock surveys in numbers of fish.

Year	Canon Creek (Mad River) <sup>a/b/</sup>			Sprowl Creek (Eel River) <sup>a/c/</sup>			Tomki Creek (Eel River) <sup>d/</sup>
	Surveys	Chinook	Coho	Surveys	Chinook	Coho	Chinook
1963-1964	12	70	55	-	-	-	-
1964-1965	NA	45	0	-	-	-	1,747
1965-1966	-	-	-	-	-	-	607
1966-1967	NA	334	3	3	1,189	6	-
1967-1968	-	-	-	-	-	-	-
1968-1969	-	-	-	-	-	-	-
1969-1970	-	-	-	-	-	-	-
1970-1971	NA	230	0	-	-	-	103
1971-1972	-	-	-	-	-	-	52
1972-1973	-	-	-	-	-	-	-
1973-1974	-	-	-	-	-	-	-
1974-1975	-	-	-	1	247	0	-
1975-1976	-	-	-	1	339	2	367
1976-1977	-	-	-	-	-	-	-
1977-1978	-	-	-	-	-	-	-
1978-1979	-	-	-	2	534	23	-
1979-1980	-	-	-	2	572	0	2,410
1980-1981	-	-	-	1	164	4	317
1981-1982	3	23	0	2	121	0	1,153
1982-1983	3	68	0	6	169	1	1,807
1983-1984	2	137	0	2	82	0	-
1984-1985 <sup>e/</sup>	1	16	0	6	67	13	1,292
1985-1986	10	514	14	6	320	0	3,558
1986-1987 <sup>e/</sup>	4	90	3	5	307	13	2,173
1987-1988	4	117	29	3	2,187	4	3,666
1988-1989	2	69	7	3	339	12	556
1989-1990 <sup>e/</sup>	4	9	9	5	89	14	-
1990-1991	1	0	3	2	0	0	-
1991-1992 <sup>e/</sup>	2	8	0	2	159	0	3
1992-1993 <sup>e/</sup>	3	57	1	2	142	2	15
1993-1994	3	20	0	4	171	36	5
1994-1995	3	33	3	7	52	0	21
1995-1996 <sup>e/</sup>	1	93	4	3	136	8	69
1996-1997	1	129	4	3	106	8	84
1997-1998	2	55	1	4	97	0	39
1998-1999	2	66	0	4	79	11	45
1999-2000 <sup>e/</sup>	8	162	1	7	34	1	24
2000-2001 <sup>e/</sup>	3	79	3	4	12	0	50
2001-2002	2	45	6	5	136	25	162 <sup>f/</sup>
2002-2003	3	402	1	6	267	17	5 <sup>f/</sup>
2003-2004 <sup>e/</sup>	2	79	1	5	106	8	137 <sup>f/</sup>
2004-2005 <sup>e/</sup>	4	86	0	5	199	36	115 <sup>f/</sup>
2005-2006	1	270	0	5	201	13	68 <sup>f/</sup>
2006-2007 <sup>g/</sup>	2	152	2	5	24	7	16 <sup>f/</sup>

a/ Numbers reflect maximum annual counts of live fish and carcasses with adults and jacks combined. Counts in years of poor visibility are not shown.

b/ Survey area was from mouth to falls (2 miles).

c/ Survey area was the mainstem and West Fork (4.5 miles).

d/ Total run size estimate including jacks and adults.

e/ Low flows this season appeared to increase mainstem spawning and decrease tributary spawning.

f/ Survey methodology changed to using index sites and is not comparable to previous estimates.

g/ Preliminary data. Poor visibility this year during surveys, Canon 12/1/06-1/2/07 with 20 unknowns, Sprowl 11/13/06-1/3/07 and 13 unknowns observed.

TABLE B-8. Peak spawning counts in index areas for selected south/local migrating Oregon coastal fall Chinook stocks.

Year or Avg.	Deep Creek (Pistol River) (0.4 mile)		Big Emily Creek (Chetco River) (1.0)		Bear Creek (Winchuck River) (0.8 mile)		Index (fish per mile)	
	Adults	Jacks	Adults	Jacks	Adults	Jacks	Adults	Jacks
	1961-1965	6	1	-	-	22	1	-
1966-1970	31	3	-	-	36	2	-	-
1971-1975	5	0	211	12	25	2	130	7
1976-1980	2	1	124	32	18	1	65	14
1981-1985	24	2	62	10	13	1	45	6
1986-1990	9 <sup>a/</sup>	1 <sup>a/</sup>	58	12	10	2	35	7
1991	3	2	75	5	10	1	40	4
1992	9	0	44	13	16	1	31	6
1993	10	7	69	19	7	2	39	13
1994	29	31	71	8	30	4	59	20
1995	8	4	111	7	18	1	61	5
1996	81	9	79	7	27	5	85	10
1997	17	1	60	5	41	1	41	3
1998	46	11	52	3	19	2	53	7
1999	58	3	12	0	10	0	36	1
2000	26	3	63	6	11	1	45	5
2001	25	2	49	2	9	3	38	3
2002	62	7	70	3	15	0	67	5
2003	20	7	28	5	12	1	27	6
2004	97	19	29	4	11	1	62	11
2005	15	2	16	3	1	0	15	2
2006 <sup>b/</sup>	22	3	24	2	5	1	23	3

a/ Pistol River was subject to several "slope failures" in 1986 resulting in severe short-term alterations in gravel bars and spawning index areas. Considerable debris and siltation severely limited Chinook surveys resulting in "0" counts in Deep Creek index areas through December.

b/ Preliminary.

TABLE B-9. Counts of natural and hatchery spring Chinook salmon at Gold Ray Dam on the Rogue River and at Winchester Dam on the North Umpqua River in thousands of fish.

Year or Avg.	Gold Ray Dam, Rogue River <sup>a/</sup>				Winchester Dam, Umpqua River <sup>a/</sup>			
	Natural	Hatchery	Total	Jacks <sup>b/</sup>	Natural	Hatchery	Total	Jacks <sup>b/</sup>
1942-1945	35.1	-	35.1	4.9	-	-	-	-
1946-1950	24.7	-	24.7	3.0	2.7	-	2.7	0.5
1951-1955	21.4	-	21.4	4.2	4.2	0.9	4.9	1.0
1956-1960	19.8	-	19.8	3.4	4.4	0.9	5.4	0.7
1961-1965	37.7	-	37.7	6.4	6.4	1.8	8.2	1.8
1966-1970	33.9	-	33.9	5.5	7.2	4.5	11.8	3.2
1971-1975	26.0	0.8	26.8	5.0	7.3	6.2	13.5	3.8
1976-1980	25.8	6.3	32.1	7.0	5.8	3.9	9.7	3.2
1981-1985	16.4	6.2	22.6	7.3	5.2	3.5	8.7	2.5
1986-1990	28.5	39.2	67.7	14.9	7.5	4.1	11.6	2.5
1991	9.3	3.0	12.3	2.4	2.4	1.8	4.2	0.6
1992	2.2	3.6	5.8	1.3	2.5	2.5	5.0	0.9
1993	12.6	13.5	26.1	6.8	3.8	2.1	5.9	1.2
1994	3.6	10.5	14.1	2.6	2.8	2.5	5.3	1.1
1995	20.7	61.2	81.9	6.2	6.2	3.6	9.8	1.9
1996	10.3	26.3	36.6	3.4	4.3	2.2	6.5	1.0
1997	9.6	32.2	41.8	2.8	3.3	2.5	5.8	16.0
1998	3.7	12.3	16.0	2.8	4.0	2.9	6.9	1.5
1999	6.0	15.0	21.0	1.9	2.8	4.6	7.4	3.1
2000	3.4	26.8	30.2	3.1	3.4	9.2	12.6	4.6
2001	9.3	23.9	33.2	2.3	6.1	14.6	20.7	4.7
2002	7.0	40.8	47.8	3.2	6.8	17.3	24.1	3.1
2003	19.3	22.6	41.9	3.0	7.9	12.3	20.2	4.1
2004	13.3	26.0	39.3	3.8	5.4	10.1	15.5	2.5
2005	5.8	12.3	18.1	1.3	3.6	5.5	9.0	1.3
2006 <sup>c/</sup>	4.8	7.0	11.7	2.2	2.6	3.5	6.1	1.7

a/ Jacks included in natural, hatchery, and total counts.

b/ Jacks include all Chinook less than 20 inches prior to 1978 and all Chinook less than 24 inches beginning in 1978.

c/ Preliminary.

TABLE B-10. Rogue River fall Chinook carcass counts in numbers of fish.

Year or Avg.	Carcass Counts		
	Adults	Jacks	Combined
1977-1980	5,256	1,004	6,259
1981-1985	3,906	1,009	4,915
1986-1990	16,797	1,527	18,324
1991	2,799	157	2,956
1992	2,366	464	2,830
1993	5,447	257	5,704
1994	7,366	529	7,895
1995	3,958	173	4,131
1996	2,448	121	2,569
1997	1,643	68	1,711
1998	3,601	40	3,641
1999	2,493	157	2,650
2000	3,366	226	3,592
2001	6,380	772	7,152
2002	11,836	905	12,741
2003	14,620	983	15,603
2004	5,326 <sup>a/</sup>	250	5,576
2005 <sup>b/</sup>	-	-	-
2006 <sup>b/</sup>	-	-	-

a/ In 2004, one of the standard survey sections was not sampled. In the previous two years, this section accounted for 33% of the total adult carcass counts.

b/ Surveys were not conducted.

TABLE B-11. Peak counts for north migrating Oregon coastal Chinook stocks on selected fall Chinook spawning index stream surveys.

Year or Average	Tributaries (River)																			Index Fish Per Mile
	Humbug (Nehalem) (1.0 mile)		Tillamook (1.8 mile)		Niagara (Nestucca) (0.4 mile)		Sunshine (Siletz) (1.2 mile)		Grant (Yaquina) (1.7 mile)		Buck (Alsea) (1.0 mile)		Siuslaw Lake (0.8 mile)		W.F. Millicoma (Coos) (0.5 mile)		Salmon (Coquille) (0.8 mile)			
	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adult	Jack	Adults	Jack	Adult	Jack	Adult	Jack		
1961-1965	95	22	116	25	72	5	59	13	43	13	28	9	61	15	2	1	23	13	54	13
1966-1970	57	3	93	27	47	6	30	5	61	13	26	16	134	40	6	1	26	9	52	13
1971-1975	101	26	55	5	55	4	40	5	64	8	17	3	94	49	18	13	15	5	50	14
1980 <sup>a/</sup>	143	12	61	6	32	2	47	5	127	23	22	3	166	37	31	28	39	12	73	14
1981-1985	163	18	95	9	78	6	55	2	178	24	47	6	149	31	21	2	45	7	89	11
1986-1990	136	4	154	8	118	3	54	2	240	25	100	6	427	44	13	5	49	6	140	11
1991	43	0	135	10	91	3	58	6	187	17	36	2	701	27	4	1	123	12	150	8
1992	90	4	200	15	76	7	73	1	137	6	66	9	521	32	10	5	92	6	138	9
1993	50	0	46	1	24	1	17	0	136	7	15	1	106	7	113	10	73	2	63	3
1994	83	5	36	1	201	2	113	2	b/	b/	46	4	300	19	73	14	86	6	125	7
1995	57	3	41	4	124	1	41	0	b/	b/	59	4	346	5	43	6	46	1	101	3
1996	86	2	60	0	40	0	122	0	b/	b/	62	2	614	29	92	3	29	3	147	5
1997	162	1	47	1	24	1	60	0	b/	b/	49	3	325	9	12	0	108	3	105	2
1998	93	2	42	1	42	0	83	3	b/	b/	78	0	176	2	29	11	191	7	98	3
1999	116	3	38	1	60	2	36	3	b/	b/	55	5	478	14	14	3	136	8	124	6
2000	175	3	40	3	32	2	63	1	b/	b/	38	3	205	18	5	0	83	9	85	5
2001	220	4	62	6	53	7	195	3	b/	b/	95	6	711	49	30	5	153	22	203	14
2002	311	1	137	3	124	1	221	1	b/	b/	114	6	834	22	51	12	218	9	268	7
2003	215	6	135	5	27	1	120	3	b/	b/	145	1	1,230	37	209	31	147	2	297	11
2004	196	3	71	1	76	1	19	0	b/	b/	91	5	988	16	40	4	101	5	211	5
2005	124	3	c/	c/	74	2	54	1	b/	b/	40	1	302	5	17	2	61	2	118	3
2006 <sup>d/</sup>	31	0	65	0	67	0	82	0	b/	b/	22	0	165	0	7	1	129	8	81	1

a/ Flow s too low to allow spawning.

b/ Survey discontinued; landowner would not allow access.

c/ Surveys were not conducted in 2005.

d/ Preliminary.

TABLE B-12. Estimates of minimum inriver run size, catch, and escapement in numbers of Columbia River adult spring Chinook destined for areas below Bonneville Dam. (Page 1 of 1).

Year or Average	Minimum Inriver Run Size	Tributary Runs									
		Lower River Catch <sup>a/</sup>		Willamette			Sandy	Cow litz <sup>c/</sup>	Lewis <sup>c/</sup>	Kalama	Hatchery Escapement <sup>d/</sup>
		Commercial	Sport	Run Size	L. Willamette Sport Catch	Will. Falls Escapement <sup>b/</sup>					
1971-1975	84,000	13,800	3,700	53,300	17,000	34,300	-	11,900	200	1,100	20,000
1976-1980	92,160	6,160	2,720	51,240	14,380	31,420	975	19,680	2,980	2,020	26,580
1981-1985	130,000	6,680	1,840	67,700	15,620	35,580	1,940	19,960	4,220	3,740	28,840
1986-1990	176,103	11,980	4,330	103,640	21,140	58,760	2,425	10,691	11,340	1,877	32,460
1991	191,344	11,700	4,100	109,900	30,500	48,700	3,652	8,945	8,334	2,613	30,200
1992	136,259	4,900	4,100	75,000	13,500	39,700	9,234	10,353	6,025	2,430	29,800
1993	127,647	1,200	1,600	65,900	20,700	29,700	6,369	9,458	8,195	2,874	26,700
1994	81,835	500	1,700	49,600	11,500	25,500	3,498	3,149	3,068	1,265	16,600
1995	73,212	100	-	42,600	14,700	19,300	2,686	2,102	3,726	697	15,200
1996	55,879	149	-	34,800	6,100	20,400	3,997	1,787	1,730	627	15,900
1997	54,324	300	-	35,300	1,900	26,200	4,625	1,877	2,196	505	18,100
1998	54,254	100	49	45,100	2,800	33,100	3,768	1,055	1,611	407	22,900
1999	64,964	349	0	54,200	5,500	38,900	3,985	2,069	1,753	977	25,900
2000	74,041	1,149	249	57,500	9,000	39,100	3,778	2,199	2,515	1,418	24,100
2001	102,971	3,700	4,300	80,300	7,600	52,700	5,742	1,649	3,777	1,784	29,000
2002	151,773	7,900	5,749	121,700	10,800	83,100	6,366	5,019	3,554	2,883	58,300
2003	166,753	1,900	8,200	126,600	13,500	87,600	5,848	15,890	5,104	4,528	45,725
2004	199,904	8,500	7,500	143,700	12,000	95,200	12,186	16,712	11,090	4,573	67,910
2005	88,772	3,000	3,578	61,000	5,800	35,453	9,519	9,200	3,400	3,100	32,891
2006 <sup>e/</sup>	92,688	2,900	2,900	59,312	7,200	36,851	5,695	7,000	7,500	5,600	21,248

a/ Includes some upriver origin spring Chinook through 1980. Beginning in 1981, the lower river catch of lower river spring Chinook is based on mark recoveries rather than timing of the catch as in previous years. Since 1986, GSI and VSI techniques have been used for stock composition analysis. Commercial catch includes Select Area fisheries. Sport catch is mainstem Columbia River, does not include tributaries. Catch may include small numbers of jacks. Sport fishery closed in 1995 to

b/ Prior to 1988, the escapement goal at Willamette Falls was 30,000 to 35,000. Beginning in 1988, the goal was dependent on run size under the Willamette Basin Fish Management Plan. Since 2001 hatchery escapement targets are set in the Fisheries Management and Evaluation Plan developed by ODFW. Lower Willamette sport catch may include small numbers of jacks.

c/ Includes hatchery escapement, tributary recreational catch, and natural spawning escapement for 1975 to present. The years 1971-1973 are based on using the 1975-1976 Cow litz River recreational fishery adult harvest rates.

d/ Includes hatcheries operated by all agencies. Values are included in the totals for the tributary runs.

e/ Preliminary.

TABLE B-13. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult spring Chinook destined for areas above Bonneville Dam.<sup>a/</sup> This table includes Snake River summer Chinook. (Page 1 of 1)

Year or Avg.	Inriver Run Size	Lower River Catch <sup>b/</sup>		Bonneville Dam Count	Mainstem Treaty Indian Catch			Snake River Escapement <sup>e/</sup>		U. Columbia River Escapement <sup>f/</sup>		Hatchery Escapement
		Commercial	Sport		Commercial <sup>c/</sup>	Ceremonial/ Subsistence	Zone 6 Escapement <sup>d/</sup>	Total	Wild	River Escapement <sup>f/</sup>		
1976-1980	82,702	185	0	55,712	259	1,714	53,740	9,317	6,413	8,138	5,703	
1981-1985	70,057	1,706	393	67,959	1,024	2,545	64,390	18,295	10,679	13,943	12,887	
1986-1990	107,535	2,378	1,356	103,800	186	6,771	96,843	29,893	9,755	15,359	27,883	
1991	64,233	1,017	1,537	61,679	5	3,871	57,803	10,858	6,013	7,737	9,172	
1992	95,323	397	1,187	93,739	48	5,711	87,980	25,131	13,079	19,589	23,869	
1993	119,203	611	413	118,179	0	7,296	110,883	29,499	12,831	29,301	31,870	
1994	23,809	527	409	22,873	10	1,151	21,712	4,050	1,954	3,106	3,300	
1995	12,634	2	5	12,627	13	620	11,994	1,838	1,186	1,130	1,204	
1996	55,299	46	17	55,236	0	2,911	52,325	7,037	3,788	2,430	5,211	
1997	123,824	53	13	123,758	14	8,309	115,435	44,849	4,406	6,780	46,089	
1998	43,512	27	14	43,471	1	2,224	41,246	14,337	7,391	4,124	9,872	
1999	42,582	28	21	42,533	1	1,983	40,549	6,741	2,856	4,150	7,303	
2000	186,141	265	102	185,774	1,354	9,973	174,447	38,064	8,255	19,143	37,039	
2001	437,910	2,543	22,714	412,653	43,715	10,985	357,953	188,145	45,335	50,379	167,281	
2002	331,303	10,150	16,213	304,940	24,254	9,208	271,478	99,070	30,248	34,083	89,725	
2003	242,638	3,524	9,615	229,499	9,205	9,090	211,204	87,999	32,366	18,136	66,540	
2004	221,600	6,234	17,041	198,325	8,370	9,114	180,841	81,423	21,401	13,521	67,162	
2005 <sup>g/</sup>	106,935	2,303	7,235	97,397	1	6,163	91,233	33,277	10,158	14,148	31,955	
2006 <sup>g/</sup>	132,138	1,819	4,161	126,158	0	8,401	117,757	30,042	9,490	8,535	27,763	
GOAL				115,000				35,000	25,000			

a/ Spring Chinook accounting ends on June 15. Chinook formerly managed separately as Snake River summer Chinook are now grouped with all upriver spring Chinook because of overlap in run timing. Snake River summer Chinook have been moved from Table B-14 to this table.

b/ Includes some lower river origin spring Chinook through 1980. Beginning in 1981, the lower river catch of upriver spring Chinook is based on mark recoveries rather than timing of the catch as in previous years. Since 1986, GSI techniques have been used for stock composition analysis. Catch includes estimated miscellaneous fishery-related impacts from test fisheries, commercial shad fisheries, and Select Area commercial gillnet fisheries beginning in 1979 and catch and release mortalities from selective fisheries beginning in 2001.

c/ Spring season fishery closed in 1975, 1976, and from 1978 to 2000. Spring Chinook landed during those years were from the winter season fishery.

d/ Bonneville Dam count minus Zone 6 mainstem commercial and ceremonial/subsistence treaty Indian harvest.

e/ Count at uppermost Snake River Dam (Little Goose in 1971-1974 and Lower Granite plus Tucannon wild escapement after 1974) plus harvest below Lower Granite [

f/ Priest Rapids Dam count.

g/ Preliminary.

TABLE B-14. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult summer Chinook destined for areas above Bonneville Dam.<sup>a/</sup> This table does not include Snake River summer Chinook. (Page 1 of 1)

Year or Avg.	Inriver Run Size	Lower River Catch <sup>b/</sup>		Bonneville Dam Count	Mainstem Treaty Indian Catch		Zone 6 Escapement <sup>e/</sup>	U. Columbia River Escapement <sup>f/</sup>
		Commercial <sup>c/</sup>	Sport		Commercial <sup>d/</sup>	Ceremonial/ Subsistence		
1976-1980	22,566	81	0	22,485	38	1,047	21,401	18,161
1981-1985	17,092	55	0	17,037	304	654	16,079	12,202
1986-1990	21,668	71	7	21,590	708	194	20,689	15,785
1991	14,569	9	3	14,557	0	171	14,386	14,815
1992	9,796	35	12	9,749	0	46	9,703	8,523
1993	14,781	81	15	14,686	0	328	14,358	16,377
1994	14,977	23	27	14,927	0	171	14,756	14,859
1995	12,615	0	18	12,597	0	417	12,180	12,162
1996	12,333	15	27	12,291	0	374	11,917	10,995
1997	18,277	6	19	18,252	0	270	17,982	13,107
1998	16,332	1	27	16,304	0	335	15,969	13,387
1999	22,347	1	41	22,305	0	411	21,894	20,898
2000	23,169	0	25	23,144	0	209	22,935	22,306
2001	54,935	1	64	54,870	150	542	54,286	53,170
2002	92,820	8	1,503	91,309	42	2,019	89,225	96,326
2003	83,120	36	2,007	81,077	3,587	710	80,098	83,004
2004	65,446	236	1,240	63,970	8,004	390	63,542	67,060
2005	60,060	2,574	1,622	55,684	6,415	1,227	54,563	61,227
2006 <sup>g/</sup>	76,196	5,017	3,360	67,819	15,771	548	67,231	57,236
GOAL	29,300							

a/ Summer Chinook accounting begins on June 16. Chinook managed as Snake River summer Chinook prior to 2004 are now grouped with all upriver spring Chinook because of overlap in run timing. As of 2004, they have been moved from this table to Table B-13.

b/ Includes estimated miscellaneous fishery-related impacts from test fisheries, commercial shad fisheries, and terminal area commercial gillnet fisheries beginning in 1979. Includes catch and release mortality in selective fisheries beginning in 2002.

c/ No directed commercial summer Chinook fishery from 1964 to 2003. Landings during those years are bycatch from commercial shad and sockeye fisheries.

d/ No directed commercial summer Chinook fishery from 1965 to 2003. Landings during those years are bycatch from commercial sockeye fishery.

e/ Bonneville Dam count minus Zone 6 mainstem commercial and ceremonial/subsistence treaty Indian harvest.

f/ Priest Rapids Dam count.

g/ Preliminary.



TABLE B-15. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult Spring Creek Hatchery (SCH) stock fall Chinook.<sup>a/</sup> Page 1 of 1)

Year or Average	Inriver Run Size	Harvest					Escapement	
		Bonneville Dam Count	Treaty Indian Commercial and Subsistence	Non-Indian		Natural	Hatchery <sup>c/</sup>	
				Commercial <sup>b/</sup>	Sport			
1971-1975	105,700	67,600	29,000	37,900	300	2,900	17,000	
1976-1980	116,522	83,000	32,533	31,794	131	3,884	21,972	
1981-1985	63,342	49,780	24,637	9,747	580	2,711	15,955	
1986-1990	16,673	10,200	6,080	2,920	820	1,500	4,600	
1991	52,353	41,618	21,000	4,300	3,300	1,300	12,400	
1992	29,477	24,700	9,700	1,000	1,500	1,300	8,800	
1993	16,837	13,400	5,100	900	1,000	1,400	7,900	
1994	18,473	15,800	5,000	-	200	1,900	10,300	
1995	33,821	32,300	16,000	-	400	1,400	9,100	
1996	33,137	30,300	21,100	1,700	900	1,300	7,700	
1997	27,377	23,300	10,329	0	2,981	4,612	8,688	
1998	20,158	17,100	6,592	197	2,556	2,731	3,224	
1999	50,189	46,800	28,197	258	2,617	3,338	14,488	
2000	20,527	98,322	7,903	1,141	897	4,085	6,257	
2001	124,951	98,322	52,124	3,693	3,302	5,063	36,663	
2002	158,299	98,322	48,350	11,485	6,654	8,069	67,436	
2003	180,592	98,322	48,204	9,850	7,659	27,894	56,935	
2004	175,245	98,322	59,941	3,690	5,614	14,084	68,932	
2005	103,526	98,322	49,471	3,981	3,049	4,667	31,977	
2006 <sup>d/</sup>	35,600	31,491	11,918	4,423	1,208	1,489	9,900	
GOAL							7,000 <sup>e/</sup>	

a/ Based on Columbia River fall Chinook database, WDFW, unpublished.

b/ Includes Select Area fisheries.

c/ Does not include strays to hatcheries below Bonneville Dam. Includes fall Chinook tules trapped at Bonneville Dam, 1986-1994 and 1998.

d/ Preliminary estimates based on inseason run updates.

e/ Escapement goal was changed from 8,200 fish to 7,000 fish, or 4,000 females, in 1994.

TABLE B-16. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult lower river hatchery (LRH) stock fall Chinook.<sup>a/</sup> (Page 1 of 1)

Year or Average	Inriver Run Size	Harvest			Escapement	
		Treaty Indian	Non-Indian		Natural	Hatchery <sup>d/</sup>
		Commercial	Commercial <sup>b/</sup>	Sport <sup>c/</sup>		
1971-1975	175,900	0	78,100	5,400	49,200	43,200
1976-1980	145,377	20	59,400	4,380	36,940	44,620
1981-1985	107,163	851	25,604	4,486	37,755	36,846
1986-1990	199,938	655	93,794	17,420	38,774	48,821
1991	62,680	367	6,961	8,343	19,161	27,692
1992	62,617	212	3,022	8,625	24,248	26,457
1993	52,344	218	4,362	6,006	19,709	21,980
1994	53,596	33	7	232	22,674	30,637
1995	46,360	358	2	1,784	13,784	30,330
1996	75,495	360	3,899	4,641	23,909	42,662
1997	57,393	0	2,369	7,704	22,663	24,657
1998	45,265	0	844	4,519	16,713	23,035
1999	39,933	0	2,234	6,118	12,551	19,030
2000	26,997	0	860	3,212	10,714	12,211
2001	94,331	0	4,428	7,443	39,434	42,996
2002	156,444	279	9,928	15,353	80,670	50,138
2003	154,983	0	9,216	14,213	97,089	34,465
2004	109,055	475	13,122	11,870	53,399	30,103
2005 <sup>e/</sup>	78,293	186	9,219	10,140	33,598	25,042
2006 <sup>e/</sup>	57,500	0	7,143	1,952	26,328	19,500
GOAL						Hatchery Production

a/ Based on Columbia River fall Chinook database, WDFW, unpublished.

b/ Includes select area fisheries.

c/ Includes tributary catches.

d/ Does not include strays to hatcheries above Bonneville Dam or fish trapped at Bonneville Dam.

e/ Preliminary estimates based on inseason run updates.

TABLE B-17. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult lower river wild (LRW) stock fall Chinook.<sup>a/</sup> (Page 1 of 1)<sup>y</sup>

Year or Average	Inriver Run Size	Harvest			Escapement	
		Treaty Indian	Non-Indian		Natural	Hatchery
		Commercial	Commercial	Sport <sup>b/</sup>		
1971-1975	59,700	0	27,900	2,100	29,400	100
1976-1980	26,963	20	11,720	1,220	13,720	240
1981-1985	16,287	0	1,940	1,320	12,480	480
1986-1990	32,600	60	10,689	3,251	18,383	181
1991	19,817	0	6,554	2,116	11,131	16
1992	12,508	0	2,327	2,256	7,896	29
1993	13,320	0	1,592	2,837	8,792	99
1994	12,191	0	300	922	10,921	48
1995	15,971	0	23	4,034	11,766	148
1996	14,566	0	325	234	13,914	93
1997	12,323	0	0	1,082	11,241	0
1998	7,253	0	0	667	6,493	93
1999	3,349	0	18	0	3,257	74
2000	10,234	0	604	0	9,422	208
2001	15,721	0	1,382	729	13,610	0
2002	25,171	161	1,801	3,245	19,654	50
2003	26,021	0	3,391	4,962	17,668	0
2004	22,327	0	2,343	3,638	16,346	0
2005 <sup>c/</sup>	16,767	0	2,240	2,632	11,725	170
2006 <sup>c/</sup>	16,600	0	2,062	563	12,010	0
GOAL					5,700 <sup>d/</sup>	

a/ Based on Columbia River fall Chinook database, WDFW, unpublished.

b/ Includes tributary catches.

c/ Preliminary estimates based on inseason run updates..

d/ Escapement objective is for North Lewis River, but escapement numbers include other fish. The escapement objective for the North Lewis River was met for all years except 1998-1999.

TABLE B-18. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult upriver bright (URB) stock fall Chinook destined for areas above McNary Dam and the Deschutes River.<sup>a/</sup> (Page 1 of 1)

Year or Average	Inriver Run Size	Bonneville Dam Count	Harvest			Escapement					Total Lower Granite Count	SRW L. Granite Dam Count <sup>d/</sup>
			Treaty Indian Commercial and Subsistence	Non-Indian		Deschutes above Sheares Falls	McNary Dam Count	Ice Harbor Dam Count	Total Lower Granite Count			
				Commercial	Sport <sup>b/</sup>					Natural <sup>c/</sup>		
1971-1975	110,500	80,400	35,100	29,300	3,100	36,800	2,600	NA	39,500	5,600	-	-
1976-1980	92,301	72,360	32,160	19,180	980	29,480	1,980	NA	31,080	1,160	532	532
1981-1985	111,873	94,120	26,700	13,880	3,020	46,060	8,100	NA	51,042	1,583	586	450
1986-1990	291,407	222,337	100,379	61,499	13,613	90,709	13,231	5,023	107,252	4,369	691	289
1991	103,286	87,307	26,250	13,773	5,941	41,484	3,646	3,678	46,625	4,500	630	318
1992	81,016	73,990	13,926	5,780	4,007	38,774	9,142	2,777	51,189	4,636	855	549
1993	102,908	95,458	20,350	5,390	5,253	49,761	9,907	8,235	54,876	2,805	1,170	742
1994	132,839	132,766	24,856	10	4,829	68,553	14,228	5,455	85,932	2,069	791	406
1995	106,459	105,621	18,685	46	5,447	58,546	10,172	7,581	68,186	2,750	1,067	350
1996	143,155	135,499	29,868	3,717	8,918	59,598	15,905	8,759	73,929	3,810	1,308	639
1997	161,735	152,941	42,637	1,429	11,506	68,889	13,114	20,678	67,192	2,752	1,451	797
1998	141,575	137,509	33,760	770	8,137	54,297	18,798	10,923	63,791	4,220	1,909	306
1999	165,889	155,756	38,822	2,133	15,173	48,372	30,272	3,997	78,356	6,586	3,381	905
2000	156,595	256,119	36,501	5,551	10,545	66,512	10,841	3,230	66,378	6,509	3,602	1,148
2001	232,366	256,119	35,422	8,151	12,648	92,194	21,143	11,161	110,517	13,635	8,915	5,163
2002	279,548	256,119	57,405	6,881	25,651	123,446	17,299	12,252	141,682	15,319	12,351	2,116
2003	374,154	256,119	49,060	15,930	25,918	176,865	12,356	12,590	179,970	20,903	11,732	3,856
2004	362,804	256,119	46,566	19,760	22,276	148,028	23,137	11,879	170,648	21,100	14,960	4,756
2005 <sup>e/</sup>	278,539	256,119	45,776	8,464	23,980	115,612	23,299	14,092	131,550	14,677	11,170	2,954
2006 <sup>e/</sup>	225,900	198,100	46,094	9,330	9,310	67,842	8,156	13,374	90,901	10,272	8,048	2,743
GOAL									40,000 <sup>f/</sup>			

a/ Based on Columbia River fall Chinook database, WDFW, unpublished. Does not include hatchery URB Chinook reared and released below McNary Dam.

b/ Includes tributary and mainstem catches.

c/ Includes Deschutes, Yakima, Upper Columbia, and Snake River escapements.

d/ Snake River wild; adjusted for stray hatchery fish. Includes wild fish hauled to Lyons Ferry Hatchery.

e/ Preliminary based on inseason run update.

f/ FMP goal. The U.S. v Oregon parties managed for an escapement of 45,000 between 1990 and 1993 at McNary Dam to account for increased hatchery brood stock needs and concern for the Snake River wild fall Chinook stock. Starting in 1994, inriver fisheries were based on ESA consultation standards, rather than a McNary Dam escapement goal.

TABLE B-19. Estimates of inriver run size, catch, and escapement in numbers of Columbia River adult mid-Columbia bright (MCB) stock fall Chinook destined for areas below McNary Dam, not including the Deschutes River.<sup>a/</sup> (Page 1 of 1)

Year or Average	Inriver Run Size	Bonneville Dam Count	Harvest			Escapement	
			Treaty Indian Commercial and Subsistence	Non-Indian		Natural	Hatchery <sup>c/</sup>
				Commercial	Sport <sup>b/</sup>		
1982-1985	10,275	4,925	1,875	1,675	100	0	3,450
1986-1990	60,894	24,780	16,288	26,547	2,277	4,253	9,194
1991	35,386	18,300	6,870	9,069	1,121	5,586	10,282
1992	31,105	16,800	5,144	5,558	1,837	6,838	9,590
1993	27,439	16,700	6,872	4,833	1,385	4,352	7,853
1994	33,712	21,500	4,677	1,209	931	12,192	11,411
1995	34,120	23,500	6,505	85	2,834	7,665	14,019
1996	59,698	38,100	12,443	5,306	3,387	15,618	15,868
1997	58,932	36,600	11,596	3,320	6,517	15,916	15,808
1998	37,328	29,900	5,570	1,063	5,697	11,380	8,401
1999	50,788	40,400	10,581	1,543	5,927	17,213	7,334
2000	37,191	25,600	7,186	3,739	3,507	10,135	7,884
2001	76,504	48,100	16,821	7,023	9,580	14,600	13,701
2002	108,198	57,600	24,358	9,437	12,737	27,005	21,946
2003	150,042	97,179	27,830	20,432	12,804	38,204	24,175
2004	122,496	79,866	23,392	9,178	11,167	27,779	26,210
2005 <sup>d/</sup>	100,333	60,464	23,158	6,590	10,727	14,271	30,991
2006 <sup>d/</sup>	73,400	61,892	24,573	9,119	2,491	7,008	20,000
GOAL						Hatchery Production	

a/ Based on Columbia River fall Chinook database, WDFW, unpublished. Does not include URB Chinook destined for areas above McNary Dam or the Deschutes

b/ Includes tributary and mainstem catches.

c/ Little White Salmon and Bonneville Hatcheries.

d/ Preliminary based on inseason run updates.

TABLE B-20. Estimates of minimum inriver run size and catch in numbers of adult spring, summer, and fall Chinook from the Columbia River. (Page 1 of 5)

Year	Minimum Inriver Run Size	Above Bonneville Dam											Treaty Indian & Non-Indian			
		Below Bonneville Dam					Bonneville Dam Counts	Non-Indian Sport		Treaty Indian				Non-Indian Total		
		Non-Indian Sport		Non-Indian Commercial				Mainstem	Tributary <sup>c/</sup>	Ticketed Commercial <sup>d/</sup>	Non-Ticketed Public Sales	Ceremonial & Subsistence <sup>e/</sup>		Sport	Commercial	
		Tributary <sup>a/</sup>	Buoy 10	Mainstem	Select Area <sup>b/</sup>	Mainstem										
<b>Spring Chinook #</b>																
1979	146,896	13,900	g/	1,700	-	5,500	54,347	-	-	489	0	1,601	15,600	5,500	23,190	
1980	146,099	8,954	g/	600	-	300	57,077	-	-	29	0	1,826	9,554	300	11,709	
1981	184,423	12,741	g/	3,107	-	5,411	66,075	-	144	1,595	0	1,803	15,992	5,411	24,801	
1982	217,638	22,587	g/	2,459	-	4,108	75,580	-	64	3,308	0	2,000	25,110	4,108	34,526	
1983	184,381	15,677	g/	2,348	-	7,525	59,460	-	76	31	0	2,500	18,101	7,525	28,157	
1984	206,323	22,523	g/	1,785	-	9,609	50,310	-	-	75	0	3,400	24,308	9,609	37,392	
1985	207,522	24,310	g/	1,464	-	14,331	88,370	-	2,823	111	0	3,024	28,597	14,331	46,063	
1986	250,559	26,108	g/	5,688	-	8,982	125,105	-	3,863	359	0	7,078	35,659	8,982	52,078	
1987	279,583	39,942	g/	2,796	-	11,187	108,149	-	3,638	279	0	6,410	46,376	11,187	64,252	
1988	298,726	41,736	g/	4,635	-	18,330	98,539	-	4,573	204	0	6,802	50,944	18,330	76,280	
1989	271,693	44,075	g/	3,047	-	13,908	87,343	-	1,081	86	0	6,640	48,203	13,908	68,837	
1990	317,630	46,580	g/	12,264	-	18,282	99,866	-	2,626	4	0	6,924	61,470	18,282	86,680	
1991	255,577	51,795	g/	5,637	NA	12,597	61,679	-	3	5	0	3,871	57,435	12,597	73,908	
1992	231,582	30,415	g/	5,287	296	5,135	93,739	-	1,649	48	0	5,711	37,351	5,431	48,541	
1993	246,850	41,748	g/	2,013	851	1,438	118,179	-	1,596	0	0	7,296	45,357	2,289	54,942	
1994	105,644	20,342	g/	2,109	156	941	22,873	-	8	10	0	1,151	22,459	1,096	24,716	
1995	85,846	21,861	g/	5	201	100	12,627	-	2	13	0	620	21,868	301	22,802	
1996	111,178	13,206	g/	17	789	154	55,236	-	264	0	0	2,911	13,487	943	17,341	
1997	178,148	8,270	g/	13	1,821	309	123,758	-	7,326	14	0	8,309	15,609	2,130	26,062	
1998	97,766	10,350	g/	63	2,313	100	43,471	-	1,717	1	0	2,224	12,130	2,413	16,768	
1999	107,546	14,940	g/	21	1,980	351	42,533	-	220	1	0	1,983	15,181	2,331	19,496	
2000	260,182	17,721	g/	351	6,631	1,237	185,774	-	11,502	1,354	0	9,973	29,574	7,868	48,769	
2001	540,881	19,288	g/	27,014	9,719	5,279	412,653	93	56,685	22,019	21,696	10,985	103,080	14,998	172,778	
2002	483,076	32,265	g/	21,962	12,251	17,383	304,940	875	25,859	17,930	6,324	9,208	80,961	29,634	144,057	
2003	409,391	34,126	g/	17,815	8,783	4,659	229,499	1,302	21,179	6,363	2,842	9,090	74,422	13,442	106,159	
2004	421,504	41,188	g/	24,541	11,643	14,489	198,325	1,349	22,508	5,256	3,114	9,114	89,586	26,132	133,202	
2005 <sup>h/</sup>	195,707	19,503	g/	10,813	2,553	5,246	97,397	449	6,485	-	-	6,163	37,250	7,799	51,212	
2006 <sup>h/</sup>	224,826	14,831	g/	7,061	7,581	4,589	126,158	648	2,396	-	-	8,401	24,936	12,170	45,507	

TABLE B-20. Estimates of minimum inriver run size and catch in numbers of adult spring, summer, and fall Chinook from the Columbia River. (Page 2 of 5)

Year	Minimum Inriver Run Size	Below Bonneville Dam						Above Bonneville Dam						Total Treaty Indian & Non-Indian	
		Non-Indian Sport			Non-Indian Commercial			Non-Indian Sport		Treaty Indian					
		Tributary <sup>a/</sup>	Buoy 10	Mainstem	Select Area <sup>b/</sup>	Mainstem	Bonneville Dam Counts	Mainstem	Tributary <sup>c/</sup>	Ticketed Commercial <sup>d/</sup>	Non-Ticketed Public Sales	Ceremonial & Subsistence <sup>e/</sup>	Non-Indian Total		
													Sport		Commercial
<b>Summer Chinook<sup>f/</sup></b>															
1979	22,142	-	-	-	-	147	21,995	0	-	6	--	981	0	147	1,134
1980	22,991	-	-	-	-	16	22,975	0	-	69	--	1,112	0	16	1,197
1981	19,124	-	-	-	-	9	19,115	0	-	20	--	1,344	0	9	1,373
1982	14,677	-	-	-	-	117	14,560	0	-	39	--	1,256	0	117	1,412
1983	13,576	-	-	-	-	92	13,484	0	-	0	--	297	0	92	389
1984	18,999	-	-	-	-	22	18,977	0	-	112	--	345	0	22	479
1985	19,084	-	-	-	-	36	19,048	0	-	1,349	--	27	0	36	1,412
1986	19,307	-	-	0	-	109	19,198	0	-	710	--	406	0	109	1,225
1987	23,604	-	-	5	-	141	23,457	0	-	1,370	--	314	5	141	1,831
1988	23,397	-	-	8	-	81	23,308	0	-	1,460	--	37	8	81	1,586
1989	22,739	-	-	17	-	9	22,713	0	-	-	-	100	17	9	126
1990	19,296	-	-	6	-	15	19,275	0	-	-	-	111	6	15	132
1991	14,569	-	-	3	-	9	14,557	0	-	-	-	171	3	9	183
1992	9,796	-	-	12	-	35	9,749	0	-	-	-	46	12	35	93
1993	14,781	-	-	15	-	81	14,686	0	-	-	-	328	15	81	423
1994	14,977	-	-	27	-	23	14,927	0	-	-	-	171	27	23	221
1995	12,615	-	-	18	-	0	12,597	0	-	-	-	417	18	0	435
1996	12,333	-	-	27	-	15	12,291	0	-	-	-	374	27	15	416
1997	18,277	-	-	19	-	6	18,252	0	-	-	-	270	19	6	295
1998	16,332	-	-	27	-	1	16,304	0	-	-	-	335	27	1	363
1999	22,347	-	-	41	-	1	22,305	0	-	-	-	411	41	1	453
2000	23,169	-	-	25	-	0	23,144	0	-	-	-	209	25	0	234
2001	54,935	-	-	64	-	1	54,870	42	0	150	--	542	64	1	799
2002	92,820	-	-	1,503	-	8	91,309	65	0	42	--	2,019	1,568	8	3,637
2003	83,120	-	-	2,007	36	-	81,077	269	0	3,587	--	710	2,276	36	6,609
2004	65,446	-	-	1,240	3	233	63,970	38	157	8,004	--	390	1,435	236	10,065
2005 <sup>h/</sup>	60,060	-	-	1,622	0	2,553	55,684	74	338	6,415	--	1,227	2,034	2,574	12,250
2006 <sup>h/</sup>	76,196	-	-	3,360	9	5,008	67,819	40	216	15,771	--	548	3,616	5,017	24,952

TABLE B-20. Estimates of minimum inriver run size and catch in numbers of adult spring, summer, and fall Chinook from the Columbia River. (Page 3 of 5)

Year	Minimum Inriver Run Size	Below Bonneville Dam						Above Bonneville Dam							Total Treaty Indian & Non-Indian	
		Non-Indian Sport			Non-Indian Commercial			Non-Indian Sport		Treaty Indian			Non-Indian Total			
		Tributary <sup>a/</sup>	Buoy 10	Mainstem	Select Area <sup>b/</sup>	Mainstem	Bonneville Dam Counts	Mainstem	Tributary <sup>c/</sup>	Ticketed Commercial <sup>d/</sup>	Non-Ticketed Public Sales	Ceremonial & Subsistence <sup>e/</sup>	Sport	Commercial		
<b>Fall Chinook<sup>f/</sup></b>																
1979	356,200	NA	NA	NA	1,585	NA	144,038	NA	NA	NA	NA	NA	NA	NA	NA	NA
1980	319,016	3,651	-	1,155	40,000	73,253	127,718	500	NA	32,568	--	--	5,306	113,253	151,127	
1981	272,791	3,790	-	1,000	24,900	5,561	147,109	100	NA	48,928	--	500	4,890	30,461	84,779	
1982	360,990	5,054	-	820	6,000	84,064	157,771	-	NA	53,552	--	5,292	5,874	90,064	154,782	
1983	234,230	2,902	-	1,706	4,700	20,560	112,721	-	NA	22,790	--	6,872	4,608	25,260	59,530	
1984	306,477	4,069	11,960	1,472	3,600	60,250	147,230	1,689	NA	50,896	--	6,284	19,190	63,850	140,220	
1985	361,540	4,976	2,392	2,642	3,600	57,015	189,011	6,597	NA	68,272	--	6,176	16,607	60,615	151,670	
1986	496,829	1,913	12,613	2,146	4,600	154,347	226,426	5,137	NA	102,322	--	5,902	21,809	158,947	288,980	
1987	870,979	7,602	41,005	4,305	36,900	292,703	337,004	6,310	NA	138,830	--	5,122	59,222	329,603	532,777	
1988	783,866	6,247	29,786	4,443	28,800	293,903	290,049	6,494	NA	145,684	--	9,108	46,970	322,703	524,465	
1989	553,967	11,234	15,827	6,458	6,600	126,222	263,149	6,397	NA	128,154	--	7,785	39,916	132,822	308,677	
1990	312,924	4,919	3,972	3,244	3,397	41,908	177,406	4,785	442	79,330	4,765	543	17,362	45,305	147,305	
1991	274,622	3,782	10,093	2,740	2,471	38,858	150,175	4,522	378	51,106	2,643	1,059	21,515	41,329	117,652	
1992	218,723	4,632	9,632	1,782	2,284	16,313	116,200	2,897	275	28,126	1,141	--	19,218	18,597	67,082	
1993	215,148	4,788	4,633	3,844	860	16,699	126,472	3,320	369	30,420	2,161	113	16,954	17,559	67,207	
1994	252,911	1,086	-	229	110	1,544	170,397	5,017	750	27,893	5,808	1,108	7,082	1,654	43,545	
1995	239,931	3,415	537	4,568	426	50	164,202	4,996	1,149	29,497	11,907	350	14,665	476	56,895	
1996	332,051	1,474	1,322	9,178	4,879	11,937	205,358	5,125	1,479	41,718	21,533	504	18,578	16,816	99,149	
1997	322,460	2,615	13,048	8,447	4,002	5,130	214,779	4,300	2,100	40,878	23,757	341	30,510	9,132	104,618	
1998	255,379	120	5,441	10,232	1,700	2,350	189,085	4,297	2,324	28,096	16,923	--	22,414	4,050	71,483	
1999	313,648	2,462	10,170	8,551	2,009	5,774	242,143	7,375	1,720	43,780	32,883	1,310	30,278	7,783	116,034	
2000	257,917	320	4,549	7,422	2,007	11,539	192,793	4,324	1,988	37,514	13,635	269	18,603	13,546	83,567	
2001	553,636	2,971	12,287	8,683	4,200	22,938	400,205	7,922	2,800	79,959	31,397	365	34,663	27,138	173,522	
2002	739,040	7,789	18,273	21,235	7,899	34,428	473,692	11,171	5,940	96,277	33,918	457	64,408	42,327	237,387	
2003	902,026	11,999	14,873	25,931	9,360	54,620	610,075	9,267	4,490	91,826	31,021	699	66,560	63,980	254,086	
2004	806,124	8,379	15,201	16,968	12,400	40,373	583,600	10,297	4,215	111,306	14,855	417	55,060	52,773	234,411	
2005 <sup>h/</sup>	590,609	7,810	9,983	20,111	8,677	26,231	410,905	9,110	4,307	91,229	22,084	570	51,321	34,908	200,112	
2006 <sup>h/</sup>	421,400	0	1,725	13,200	4,100	27,977	299,138	600	NA	66,068	16,517	460	15,525	32,077	130,647	



TABLE B-20. Estimates of minimum inriver run size and catch in numbers of adult spring, summer, and fall Chinook from the Columbia River. (Page 4 of 5)

Year	Minimum Inriver Run Size	Below Bonneville Dam						Above Bonneville Dam						Total Treaty Indian & Non-Indian		
		Non-Indian Sport			Non-Indian Commercial			Non-Indian Sport			Treaty Indian					
		Tributary <sup>a/</sup>	Buoy 10	Mainstem	Select Area <sup>b/</sup>	Mainstem	Bonneville Dam Counts	Mainstem	Tributary <sup>c/</sup>	Ticketed Commercial <sup>d/</sup>	Non-Ticketed Public Sales	Ceremonial & Subsistence <sup>e/</sup>	Non-Indian Total Sport		Commercial	
<b>Total Chinook</b>																
1979	525,238	13,900	-	1,700	1,585	5,647	220,380	0	0	495	0	2,582	15,600	5,647	24,324	
1980	488,105	12,605	-	1,755	40,000	73,569	207,770	500	0	32,666	0	2,938	14,860	113,569	164,033	
1981	476,338	16,531	-	4,107	24,900	10,981	232,299	100	144	50,543	0	3,647	20,882	35,881	110,953	
1982	593,305	27,641	-	3,279	6,000	88,289	247,911	0	64	56,899	0	8,548	30,984	94,289	190,720	
1983	432,187	18,579	-	4,054	4,700	28,177	185,665	0	76	22,821	0	9,669	22,709	32,877	88,076	
1984	531,799	26,592	11,960	3,257	3,600	69,881	216,517	1,689	0	51,083	0	10,029	43,498	73,481	178,091	
1985	588,146	29,286	2,392	4,106	3,600	71,382	296,429	6,597	2,823	69,732	0	9,227	45,204	74,982	199,145	
1986	766,695	28,021	12,613	7,834	4,600	163,438	370,729	5,137	3,863	103,391	0	13,386	57,468	168,038	342,283	
1987	1,174,165	47,544	41,005	7,106	36,900	304,031	468,610	6,310	3,638	140,479	0	11,846	105,603	340,931	598,860	
1988	1,105,989	47,983	29,786	9,086	28,800	312,314	411,896	6,494	4,573	147,348	0	15,947	97,922	341,114	602,331	
1989	848,399	55,309	15,827	9,522	6,600	140,139	373,205	6,397	1,081	128,240	0	14,525	88,136	146,739	377,640	
1990	649,851	51,499	3,972	15,514	3,397	60,205	296,547	4,785	3,068	79,334	4,765	7,578	78,838	63,602	234,117	
1991	544,767	55,577	10,093	8,380	2,471	51,464	226,411	4,522	381	51,111	2,643	5,101	78,953	53,935	191,743	
1992	460,102	35,047	9,632	7,081	2,580	21,483	219,688	2,897	1,924	28,174	1,141	5,757	56,581	24,063	115,716	
1993	476,780	46,536	4,633	5,872	1,711	18,218	259,337	3,320	1,965	30,420	2,161	7,737	62,326	19,929	122,572	
1994	373,532	21,428	-	2,365	266	2,508	208,197	5,017	758	27,903	5,808	2,430	29,568	2,773	68,482	
1995	338,392	25,276	537	4,591	627	150	189,426	4,996	1,151	29,510	11,907	1,387	36,551	777	80,132	
1996	455,563	14,680	1,322	9,222	5,668	12,106	272,885	5,125	1,743	41,718	21,533	3,789	32,092	17,774	116,906	
1997	518,884	10,885	13,048	8,479	5,823	5,445	356,789	4,300	9,426	40,892	23,757	8,920	46,138	11,268	130,975	
1998	369,477	10,470	5,441	10,322	4,013	2,451	248,860	4,297	4,041	28,097	16,923	2,559	34,571	6,464	88,614	
1999	443,541	17,402	10,170	8,613	3,989	6,126	306,981	7,375	1,940	43,781	32,883	3,704	45,499	10,115	135,982	
2000	541,268	18,041	4,549	7,798	8,638	12,776	401,711	4,324	13,490	38,868	13,635	10,451	48,202	21,414	132,570	
2001	1,149,452	22,259	12,287	35,761	13,919	28,218	867,728	8,057	59,485	102,128	53,093	11,892	137,807	42,137	347,099	
2002	1,314,937	40,054	18,273	44,700	20,150	51,819	869,941	12,111	31,799	114,249	40,242	11,684	146,937	71,969	385,081	
2003	1,394,537	46,125	14,873	45,753	18,179	59,279	920,651	10,838	25,669	101,776	33,863	10,499	143,258	77,458	366,854	
2004	1,293,074	49,567	15,201	42,749	24,046	55,095	845,895	11,684	26,880	124,566	17,969	9,921	146,081	79,141	377,678	
2005 <sup>h/</sup>	846,376	27,313	9,983	32,546	11,230	34,030	563,986	9,633	11,130	97,644	22,084	7,960	90,605	45,281	263,574	
2006 <sup>h/</sup>	722,422	14,831	1,725	23,621	11,690	37,574	493,115	1,288	2,612	81,839	16,517	9,409	44,077	49,264	201,106	

TABLE B-20. Estimates of minimum inriver run size and catch in numbers of adult spring, summer, and fall Chinook from the Columbia River. (Page 5 of 5)

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- a/ For spring Chinook: includes lower and upper Willamette, Clackamas, Cowlitz, Kalama, Lewis, and Sandy Rivers. Sandy River harvest not available before 1990. Catch estimates may include small numbers of jacks. For summer Chinook: all tributaries are closed. For fall Chinook: all tributaries downstream from Bonneville Dam.
- b/ Youngs Bay Select Area began in 1992. Tongue Point and Blind Slough began in 1998. Select Area test fisheries began in 1991. Other Select Areas include Knappa in Oregon and Deep River in Washington.
- c/ Includes tributaries between Bonneville and McNary Dams, the Snake and Yakima rivers, Icicle and Ringold creeks.
- d/ Primarily mainstem fisheries between Bonneville and McNary dams, but also includes fish caught in miscellaneous commercial Indian fisheries such as Klickitat dip net and mainstem fisheries upstream from McNary
- e/ Primarily mainstem fisheries between Bonneville and McNary dams. Significant subsistence fisheries also occur in tributaries throughout the Columbia and Snake River basin, especially for spring Chinook, which are not included in these estimates.
- f/ Upriver spring Chinook accounting ends on June 15 and summer Chinook accounting begins on June 16.
- g/ Spring Chinook Buoy 10 area catch is included in mainstem sport.
- h/ Preliminary. Fall Chinook estimates are from inseason run updates.
- i/ Summer Chinok retention was prohibited for all mainstem non-Indian and treaty Indian fisheries until 2003. Small non-Indian incidental mortalities prior to 2003 are associated with recreational steelhead fisheries and commercial shad and sockeye fisheries. A few stray summer Chinok are caught in Select Area (terminal) fisheries that are open for late returning spring Chinok and early returning fall Chinok. Prior to 2003, Treaty Indians could retain summer Chinok for subsistence purposes.
- j/ Fall chinook minimum run size includes LRH, LRW, SCH, URB, MCB, and SAB.

TABLE B-21. Estimates of minimum inriver run size, catch, and escapement in thousands of adult coho entering the Columbia River.<sup>a/</sup> (Page 1 of 1)

Year or Average	Minimum Inriver Run Size	Below Bonneville Dam					Above Bonneville Dam			
		Lower River Catch <sup>b/</sup>			Lower River Escapement		Bonneville Dam Counts <sup>e/</sup>	Mainstem		
		Commercial	Recreational		Hatchery <sup>c/</sup>	Tributary Dam Counts <sup>d/</sup>		Commercial Treaty Catch	Zone 6 Escapement <sup>f/</sup>	Hatchery Escapement
			Buoy 10	Mainstem						
1971-1975	367.3	194.2	-	11.7	117.1	8.5	35.8	8.3	27.6	12.1
1976-1980	229.9	101.8	-	9.4	94.3	3.5	20.8	2.1	18.7	6.0
1981-1985	581.3	316.3	48.5	14.8	142.7	5.8	53.3	5.6	47.7	16.5
1986-1990	474.2	245.1	72.8	12.0	114.7	5.0	25.6	2.7	22.9	7.0
1991	954.3	407.5	208.7	30.4	243.3	5.5	58.9	6.7	52.2	18.0
1992	217.7	54.1	43.1	9.0	88.6	5.2	17.8	1.0	16.8	5.2
1993	114.2	35.6	20.9	6.9	39.4	0.8	10.6	0.9	9.7	1.7
1994	169.1	60.7	1.8	4.3	78.0	4.1	20.3	1.0	19.3	3.9
1995	75.2	21.4	5.0	2.9	32.2	2.9	10.4	0.3	10.1	1.5
1996	104.6	19.8	4.5	3.6	60.2	0.6	15.7	0.1	15.6	1.4
1997	145.3	16.4	20.4	11.6	69.9	2.8	24.2	0.6	23.6	4.4
1998	164.5	23.0	3.2	6.7	83.8	1.3	46.6	0.2	46.4	11.3
1999	273.5	79.0	8.9	19.9	123.9	1.0	40.7	1.7	39.0	10.0
2000	551.0	168.4	21.5	37.7	232.0	5.6	85.6	6.3	79.3	26.6
2001	1,109.1	253.1	132.0	78.0	378.5	8.2	259.6	5.5	254.0	80.6
2002	503.7	163.0	6.2	27.2	215.2	3.6	88.1	1.6	86.5	2.9
2003	677.2	257.3	54.4	23.2	205.4	11.2	125.7	2.6	123.2	3.9
2004 <sup>g/</sup>	441.4	119.8	15.1	13.6	172.3	5.6	115.0	6.4	108.6	6.2
2005 <sup>g/</sup>	346.8	94.8	6.9	15.4	143.3	3.2	83.2	4.7	78.5	2.3
2006 <sup>g/</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOAL					Hatchery Production					Hatchery Production

a/ These numbers match OPI databases. Adjustments were made to the escapement figures and catches.

b/ Includes some upriver origin coho. Mainstem recreational catches listed in this table include tributary catches and catches in the Chinook/Hammond area of 3,195 in 1989, 28 in 1990, and 1,151 in 1991.

c/ Includes hatcheries operated by all agencies.

d/ Willamette Falls, Clackamas River (North Fork Dam) and Sandy River (Marmot Dam).

e/ Includes additional small adults counted as jacks for 1983-1984 and 1986-1989.

f/ Bonneville Dam count minus Zone 6 mainstem commercial treaty Indian harvest.

g/ Preliminary.

TABLE B-22. Estimated catch and effort in the Buoy 10 fishery.<sup>a/</sup> (Page 1 of 1)

Year	Angler Trips	Catch		Catch Per Trip
		Chinook	Coho	
1982-1985	30,996	4,040	30,547	0.97
1986-1990 <sup>b/c/</sup>	130,633	22,107	82,910	0.78
1991 <sup>d/</sup>	171,680	11,647	208,638	1.28
1992	115,481	10,655	43,082	0.47
1993	75,774	5,288	20,932	0.35
1994	9,253	0	1,795	0.19
1995	25,186	853	5,026	0.23
1996	18,034	1,409	4,537	0.33
1997	55,725	13,153	20,357	0.60
1998	29,998	5,784	3,175	0.30
1999	49,581	9,850	8,861	0.38
2000 <sup>e/</sup>	72,518	6,085	21,478	0.38
2001 <sup>e/</sup>	125,884	12,709	132,038	1.15
2002 <sup>e/</sup>	84,457	19,441	6,233	0.30
2003 <sup>e/</sup>	88,827	16,316	54,440	0.80
2004 <sup>e/</sup>	68,818	16,016	15,169	0.45
2005 <sup>e/f/</sup>	55,182	9,286	6,878	0.29
2006 <sup>e/f/</sup>	40,688	1,706	3,687	0.13

a/ Prior to 1982, Buoy 10 area catches were not estimated separately and are included in the Columbia River marine area (Cape Falcon to Leadbetter Pt.) recreational catches. Estimates include bank anglers fishing from Clatsop Spit in Oregon and from the North Jetty in Washington. Effort and catch for the North Jetty fishery applied to the ocean quota for the Columbia River area until the ocean fishery

b/ 1989 includes catch and effort data for the Chinook/Hammond fishery occurring during weeks 32 and 33. A total of 7,922 angler trips produced catches of 492 Chinook and 3,195 coho and a catch rate of 0.47 fish per trip. Catches in this fishery were counted against the Buoy 10 quota.

c/ 1990 includes catch and effort data for the Chinook/Hammond fishery occurring during weeks 31 and 32. A total of 3,225 angler trips produced catches of 54 Chinook and 28 coho and a catch rate of 0.03 fish per trip.

d/ Includes catch and effort data for the Chinook/Hammond fishery occurring during weeks 31 and 32. A total of 2,759 angler trips produced catches of 39 Chinook and 1,151 coho and a catch rate of 0.43 fish per trip.

e/ Includes catch and effort from the Astoria-Megler Bridge upstream to the new boundary from Tongue Point, Oregon to Rocky Point, Washington.

f/ Preliminary.

TABLE B-23. Willapa Bay fall Chinook terminal run size, catch, and spawning escapement in numbers of fish. (Page 1 of 1)

Year or Average	Non-local Stocks	Terminal Catch		Spawning Escapement		Terminal Run Size <sup>d/</sup>
	Gillnet Catch <sup>a/</sup>	Gillnet	Sport <sup>b/</sup>	Natural <sup>c/</sup>	Hatchery	
1976-1980	8,660	14,496	419	1,995	4,529	21,439
1981-1985	1,011	7,331	589	1,588	5,398	14,906
1986-1990	2,521	18,173	1,578	5,596	22,458	47,805
1991	1,658	25,619	1,932	2,987	16,053	46,591
1992	1,226	36,659	2,190	3,728	21,505	64,082
1993	603	31,153	4,252	3,033	16,214	54,652
1994	0	21,490	2,839	1,486	14,434	40,249
1995	0	25,490	2,903	2,854	17,226	48,473
1996	0	37,065	3,024	2,153	12,079	54,321
1997	0	12,311	2,404	3,852	13,729	32,296
1998	0	6,765	2,178	3,114	8,658	20,715
1999	0	265	1,906	1,360	6,966	10,497
2000	0	5,902	1,399	2,303	10,455	20,059
2001	0	5,444	2,121	2,161	10,099	19,825
2002	36	9,416	2,532	1,729	13,680	27,357
2003	220	7,471	3,252	2,738	14,553	28,007
2004 <sup>e/</sup>	0	7,349	3,851	2,532	21,286	32,017
2005 <sup>e/</sup>	0	6,523	4,729	1,804	18,425	31,421
2006 <sup>e/</sup>	0	12,334	NA	NA	NA	NA
GOAL				4,400 <sup>f/</sup>	9,800 <sup>f/</sup>	

a/ Non-local gillnet is catch in Area 2G prior to Aug. 16.

b/ Adults. Sport catch since 1991 includes marine areas within Willapa Bay (e.g., Washaway Beach).

c/ Escapement estimates after 1984 are based on revised spawning habitat estimates. Wild = adult returns assumed to be from natural origin parents.

d/ Does not include non-local stocks catch.

e/ Preliminary.

f/ Not an FMP goal.

TABLE B-24. Willapa Bay coho terminal run size, catch, and spawning escapement in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch		Spawning Escapement		Terminal Run Size <sup>d/</sup>
	Gillnet	Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	
1976-1980	15,011	2,842	5,800	14,328	37,981
1981-1985	39,007	2,181	3,567	26,640	69,968
1986-1990	69,199	2,591	e/	35,811	107,601
1991	95,569	6,258	e/	62,338	164,165
1992	10,767	2,031	e/	15,443	28,241
1993	19,837	1,620	e/	11,976	33,433
1994	11,710	2,358	e/	15,798	29,866
1995	33,554	1,743	4,582	30,471	70,350
1996	38,316	4,052	15,711	48,854	106,933
1997	1,550	806	4,934	6,691	13,981
1998	13,140	852	13,807	6,902	34,701
1999	5,467	2,836	12,355	22,823	43,481
2000	10,193	1,780	23,031	29,387	64,391
2001	31,837	5,707	48,414	54,359	140,317
2002 <sup>f/</sup>	59,435	5,685	58,703	48,871	172,694
2003 <sup>f/</sup>	66,460	5,782	49,086	66,115	187,443
2004 <sup>f/</sup>	16,533	2,325	30,402	17,669	66,929
2005 <sup>f/</sup>	50,031	4,384	26,394	40,897	121,706
2006 <sup>f/</sup>	19,914	NA	NA	17,086	NA
GOAL			13,090 <sup>g/</sup>	6,100 <sup>g/</sup>	

a/ Adults. Sport catch since 1991 includes marine areas within Willapa Bay (e.g., Washaway Beach).

b/ Natural spawning escapement estimates in 1996, 1997, and 1998 do not include adult fish released upstream of hatchery racks.

c/ Hatchery rack number includes fish released upstream.

d/ Does not include natural spawning escapement between 1984 and 1995.

e/ Estimates of natural spawning escapement were not made between 1984 and 1995.

f/ Preliminary

g/ WDFW goal; not an FMP goal.

TABLE B-25. Grays Harbor Chinook terminal catch, spawning escapement, and run size in numbers of fish. (Page 1 of 2)

Year or Average	Terminal Catch					Spawning Escapement		Terminal Run Size <sup>d/</sup>
	Early Non- local Catch	Non-Indian Gillnet	Treaty Indian Gillnet	Chehalis Tribal Gillnet	Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	
<b>SPRING Chinook</b>								
1976-1980	-	-	-	587	e/	600	-	1,187
1981-1985	-	-	-	57	5	924	-	963
1986-1990	-	-	e/	143	6	1,875	-	2,024
1991	-	-	0	187	13	1,289	-	1,489
1992	-	-	0	35	3	1,813	-	1,851
1993	-	-	0	92	53	1,254	-	1,399
1994	-	-	0	72	4	1,403	-	1,479
1995	-	-	0	82	4	2,070	-	2,156
1996	-	-	104	127	52	4,462 <sup>f/</sup>	-	4,745
1997	-	-	52	172	160	4,460 <sup>f/</sup>	-	4,844
1998	-	-	6	164	121	2,288	-	2,579
1999	-	-	3	187	76	1,285	-	1,551
2000	-	-	17	174	91	3,135	-	3,417
2001 <sup>g/</sup>	-	-	4	210	239	2,860	-	3,313
2002 <sup>g/</sup>	-	-	76	419	147	2,598	-	3,240
2003 <sup>g/</sup>	-	-	68	0	141	1,904	-	2,113
2004 <sup>g/</sup>	-	-	54	177	70	5,034	-	5,335
2005 <sup>g/</sup>	-	-	26	439	88	2,129	-	2,682
2006 <sup>g/</sup>	-	-	5	NA	NA	2,481	-	NA
GOAL						1,400		

TABLE B-25. Grays Harbor Chinook terminal catch, spawning escapement, and run size in numbers of fish. (Page 2 of 2)

Year or Average	Terminal Catch					Spawning Escapement		Terminal Run Size <sup>d/</sup>
	Early Non-local Catch	Non-Indian Gillnet	Treaty Indian Gillnet	Chehalis Tribal Gillnet	Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	
<b>FALL Chinook</b>								
1976-1980	4,433	3,642	3,108	1,006	1,128	7	413	13,736
1981-1985	602	964	3,524	465	268	10	742	6,575
1986-1990	694	4,122	10,414	597	1,340	20,692	1,319	39,178 <sup>h/</sup>
1991	246	5,886	8,036	599	3,696	14,392	1,431	34,286 <sup>h/</sup>
1992	753	4,955	6,645	893	2,775	16,592	4,519	37,132 <sup>h/</sup>
1993	30	5,414	8,807	1,602	3,497	13,349	2,387	35,086 <sup>h/</sup>
1994	0	3,662	7,865	725	3,600	14,320	3,320	33,492 <sup>h/</sup>
1995	0	5,085	7,399	687	5,401	12,727	3,374	34,673 <sup>h/</sup>
1996	148	1,441	4,068	49	7,456	20,227	4,307	37,696 <sup>h/</sup>
1997	24	2,796	6,630	311	2,687	18,168	2,416	33,032 <sup>h/</sup>
1998	5	267	4,135	0	2,912	12,539	1,921	21,779 <sup>h/</sup>
1999	0	87	1,926	1	114	10,363	1,990	14,481 <sup>h/</sup>
2000	671	647	3,289	0	1,714	9,250	1,450	17,021
2001	0	2,523	3,885	0	3,210	9,491	1,121	20,230
2002 <sup>g/</sup>	40	26	960	0	2,503	11,343	2,006	16,878
2003 <sup>g/</sup>	0	99	919	0	738	19,417	2,858	24,031
2004 <sup>g/</sup>	0	108	3,497	0	5,711	29,273	2,695	41,284
2005 <sup>g/</sup>	0	218	2,260	21	222	19,249	3,285	25,255
2006 <sup>g/</sup>	0	0	3,751	NA	NA	NA	NA	NA
GOAL						14,600		

a/ Age-3 and older.

b/ Age-3 and older, including hatchery fish spawning naturally.

c/ Includes naturally spawning fish taken for broodstock.

d/ Minimum estimate due to incomplete estimates of river recreational catch. Does not include non-local catch.

e/ Fewer than 50 fish.

f/ WDFW is not able to differentiate spawning time and believes this includes fall Chinook.

g/ Preliminary.

h/ Recreational catch estimates by WDFW reflect application of catch record card bias correction factor of 0.833. Quinault Indian Nation does not believe this factor is appropriate for this fishery. Unadjusted catch estimates are 1,000 for 1987; 2,400 for 1988; 2,500 for 1989; 2,400 for 1990; 4,500 for 1991; 2,600 for 1992; 4,200 for 1993; 4,300 for 1994; 6,500 for 1995; 6,800 for 1996; 3,400 for 1997; 3,500 for 1998; and 0.1 for 1999; terminal run sizes would be adjusted accordingly.



TABLE B-26. Grays Harbor coho terminal catch, spawning escapement, and run size estimates in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch				Spawning Escapement <sup>b/</sup>		Terminal Run Size		
	Non-Indian Gillnet	Indian Gillnet	Tribal Gillnet	Sport <sup>d/</sup>	Natural	Hatchery	Natural	Hatchery	Total <sup>c/</sup>
	1976-1980	5,231	9,675	3,500	2,021	29,510	9,310	44,430	17,933
1981-1985	5,299	15,614	2,863	5,012	36,847	16,753	42,974	32,432	82,388
1986-1990	7,715	30,109	1,817	5,355	44,836	30,767	53,030	65,193	120,600
1991	47,764	69,080	8,120	29,408	64,330	80,903	110,179	185,967	299,605
1992	666	14,118	1,122	5,264	32,906	9,806	41,510	21,875	63,882
1993	3,759	18,386	1,292	6,363	25,499	14,913	37,012	29,959	70,212
1994	715	8,632	918	1,789	12,423	15,020	11,818	26,809	39,497
1995	9,604	38,510	2,127	9,690	47,422	37,626	58,920	83,640	144,979
1996	10,096	51,812	2,915	20,846	63,572	49,378	83,263	100,764	198,619
1997	115	5,548	125	1,547	22,469	12,710	19,299	22,352	42,514
1998	795	13,586	361	2,123	35,551	16,903	36,076	32,435	69,319
1999	1,674	12,212	797	4,507	33,346	31,488	34,325	48,561	84,024
2000	4,995	10,947	331	5,122	38,054	28,253	39,997	47,070	87,702
2001	3,152	15,671	533	20,868	79,112	80,865	74,489	137,858	200,201
2002 <sup>d/</sup>	6,853	14,518	666	13,103	108,695	45,365	104,738	81,615	189,200
2003 <sup>d/</sup>	6,623	12,041	1,000	11,904	83,874	66,922	89,503	94,067	182,364
2004 <sup>d/</sup>	5,231	17,681	977	9,847	60,690	49,147	65,860	79,199	143,573
2005 <sup>d/</sup>	3,073	23,260	4,400	11,648	44,090	50,892	49,767	84,410	137,363
2006 <sup>d/</sup>	649	8,687	NA	NA	NA	NA	NA	NA	NA
GOAL					35,400				

a/ Beginning in 1987, estimates provided by WDFW for recreational catch reflect punch card bias correction factor.

b/ "Natural" includes hatchery fish spawning in wild. "Hatchery" includes wild fish taken for broodstock.

c/ The combined Natural and Hatchery run size total may not add to the sum of the catch and escapements due to Hatchery Total Runsize including on-station and off station escapements.

d/ Preliminary.

TABLE B-27. Treaty Indian gillnet catch of Chinook, chum, and sockeye salmon in the Quinault River in numbers of fish. (Page 1 of 1)

Year or Average	Spring/Summer Chinook <sup>a/</sup>	Fall Chinook <sup>a/</sup>	Chum	Sockeye
1976-1980	149	4,320	7,960	17,560
1981-1985	114	5,100	4,720	12,600
1986-1990	338	8,822	4,686	11,218
1991	109	6,304	2,565	5,566
1992	142	7,512	2,566	8,801
1993	126	6,695	5,259	32,077
1994	85	6,878	1,449	963
1995	26	4,076	687	207
1996	41	5,221	594	1,244
1997	19	2,625	1,033	2,532
1998	75	6,124	4,699	3,440
1999	10	4,840	599	73
2000	0	3,421	755	0
2001	5	4,047	2,009	0
2002	36	4,542	1,151	16,939
2003	92	7,343	3,742	37,130
2004	142	10,662	2,916	6,990
2005 <sup>b/</sup>	24	7,648	1,283	116
2006 <sup>b/</sup>	16	7,044	862	1

a/ Preliminary. Stock separation under review .

b/ Preliminary.

TABLE B-28. Estimated inriver run size, catch and escapement for Quinault River coho in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport	Natural	Hatchery	Natural	Hatchery	Total
1977-1980	9,750	-	-	3,425	3,107	8,465	7,750	16,215
1981-1985	10,700	-	-	3,237	6,239	7,809	12,657	20,466
1986-1990	13,777	-	-	3,185	4,239	8,024	13,200	21,224
1991	21,506	-	-	9,250	22,531	13,166	38,517	51,683
1992	5,214	-	-	4,617	4,855	6,682	7,771	14,453
1993	6,020	-	-	1,940	5,688	3,077	10,057	13,134
1994	1,564	-	-	820	1,299	1,278	2,047	3,325
1995	5,513	-	-	4,969	5,858	6,824	8,970	15,794
1996	10,087	-	-	13,327	9,521	18,849	13,865	32,714
1997	365	-	-	3,150	1,054	3,339	1,118	4,457
1998	5,946	-	-	3,770	3,158	7,156	5,581	12,737
1999	15,491	-	-	12,666	14,617	19,138	23,101	42,239
2000	16,194	-	-	7,421	9,481	14,559	18,099	32,658
2001	25,348	-	-	21,565	30,689	30,016	47,115	77,131
2002	19,197	-	-	12,213	16,841	16,847	30,196	47,043
2003	22,546	-	-	4,710	16,841	9,546	34,132	43,678
2004	17,055	-	-	1,404	10,321	3,377	24,821	28,198
2005 <sup>b/</sup>	23,852	-	-	6,418	10,034	15,951	25,574	41,525
2006 <sup>b/</sup>	9,785	-	-	NA	NA	NA	NA	NA
GOAL				Hatchery Production				

a/ Ceremonial, subsistence, and recreational catch negligible. Includes dip-in fish destined for other river systems.

b/ Preliminary.

TABLE B-29. Estimated inriver run size, catch, and escapement of Queets River spring/summer Chinook in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	Total
1976-1980	267	18	53	851	24	1,176	37	1,078
1981-1985	243	20	27	890	31	956	44	1,209
1986-1990	646	46	67	1,527	0	2,287	0	2,287
1991	112	9	10	630	0	761	0	761
1992	104	11	15	375	0	505	0	505
1993	46	3	26	713	0	788	0	788
1994	21	1	0	705	0	727	0	725
1995	35	2	0	625	0	662	0	662
1996	43	3	69	776	0	891	0	891
1997	72	10	71	540	0	693	0	693
1998	18	27	0	492	0	537	0	537
1999	12	41	0	373	0	426	0	426
2000	0	2	0	248	0	250	0	250
2001	0	17	0	548	0	565	0	565
2002	0	17	0	738	0	755	0	755
2003	0	6	0	189	0	195	0	195
2004 <sup>c/</sup>	0	15	0	604	0	619	0	619
2005 <sup>c/</sup>	0	8	0	298	0	306	0	306
2006 <sup>c/</sup>	0	6	0	330	0	336	0	336
GOAL				700 <sup>d/</sup>				

a/ River catch of adults.

b/ Natural escapement includes hatchery strays.

c/ Preliminary.

d/ Minimum. Terminal run managed at 30% exploitation rate of inriver run size.

TABLE B-30. Estimated inriver run size, catch, and escapement of Queets River fall Chinook in numbers of fish. (Page 1 of 1).

Average	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence		Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	Natural	Hatchery	Total
		River Sport <sup>a/</sup>						
1976-1980	1,540	100	36	2,820	-	4,320	-	4,320
1981-1985	2,104	20	135	3,720	360	5,691	591	6,282
1986-1990	2,430	20	214	8,298	619	10,677	861	11,538
1991	1,553	20	116	4,486	459	5,888	705	6,593
1992	1,711	20	106	4,695	366	6,338	542	6,880
1993	1,786	20	253	3,383	230	5,107	560	5,667
1994	2,441	20	18	3,805	578	5,866	988	6,854
1995	1,809	20	52	2,876	401	4,355	746	5,101
1996	1,307	20	238	3,441	927	4,693	1,234	5,927
1997	1,708	20	210	2,477	545	4,122	823	4,945
1998	804	20	347	3,951	58	5,009	164	5,173
1999	947	20	93	1,933	135	2,885	220	3,105
2000	262	20	50	3,572	333	3,752	395	4,147
2001	1,366	64	306	2,321	778	3,604	1,204	4,808
2002	2,887	69	20	2,097	492	4,377	1,184	5,562
2003	1,322	93	278	4,120	859	5,203	1,415	6,618
2004 <sup>d/</sup>	1,228	93	370	3,576	1,529	4,778	2,019	6,796
2005 <sup>d/</sup>	1,648	90	441	3,076	1,480	4,521	2,213	6,734
2006 <sup>d/</sup>	1,079	NA	NA	NA	NA	NA	NA	NA
GOAL				2,500 <sup>e/</sup>				

a/ River sport catch of 3-year olds and older. The 2000 sport fishery was closed to retention of unmarked Chinook. The 2002 sport fishery was closed to Chinook retention on October 18 due to unusually low water conditions.

b/ Includes fish taken for hatchery broodstock.

c/ This is an integrated wild/hatchery program. All broodstock are unmarked wild fish collected from spawning grounds.

d/ Preliminary.

e/ Minimum. Terminal run managed at 40% exploitation rate of inriver run size.

TABLE B-31. Estimated terminal run size, catch, and escapement for Queets River coho in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement			Terminal Run Size			Total
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural <sup>c/</sup>	Supplemental	Hatchery	Natural <sup>c/</sup>	Supplemental	Hatchery	
1976-1980	2,440	60	140	3,460	-	1,000	5,100	-	1,640	6,740
1981-1985	2,385	20	104	5,457	-	2,654	6,414	-	3,794	10,208
1986-1990	8,455	18	241	4,824	2,128	3,366	6,357	2,988	9,357	17,507
1991	10,345	20	638	6,525	d/	4,129	8,574	d/	12,441	21,015
1992	2,057	272	302	6,266	922	1,402	6,999	998	2,923	10,920
1993	3,897	556	306	5,020	2,208	5,938	5,350	2,482	9,663	17,495
1994	1,612	182	18	1,105	95	2,901	1,242	176	4,222	5,640
1995	4,203	396	103	6,181	592	2,385	7,273	794	5,311	13,378
1996	16,035	920	279	8,993	3,574	5,191	10,715	5,319	17,646	33,680
1997	3,087	222	106	1,851	d/	2,137	1,970	d/	5,086	7,056
1998	7,411	452	135	4,102	1,413	3,504	4,576	1,562	10,364	16,502
1999	3,974	381	119	4,791	521	3,551	5,029	557	7,061	12,647
2000	5,066	479	223	7,939	682	3,849	8,498	702	5,619	14,819
2001	13,722	1,280	1,554	23,793	1,084	6,594	28,303	2,081	13,589	43,974
2002	23,712	1,003	399	13,773	1,048	2,240	15,904	1,292	21,290	38,486
2003	12,692	918	743	9,846	704	7,394	13,223	1,344	15,707	30,273
2004 <sup>e/</sup>	8,189	655	1,287	8,709	0	3,260	11,470	243	10,494	22,207
2005 <sup>e/</sup>	20,810	980	873	6,539	432	7,810	9,801	534	25,935	36,270
2006 <sup>e/</sup>	6,190	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL				5,800-14,500						

a/ Includes dip-in fish from other river systems.

b/ Recreational catch of adults (coho over 20 inches).

c/ Natural escapement and run sizes estimates include fish taken for hatchery brood stock.

d/ Included in natural escapement and run size.

e/ Preliminary.

TABLE B-32. Estimated inriver run size, catch, and escapement for Hoh River spring/summer Chinook in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural	Hatchery	Natural	Hatchery	Total
1976-1980	640	52	84	1,040	0	1,835	0	1,835
1981-1985	448	30	124	1,431	50	1,944	128	2,073
1986-1990	1,072	33	315	2,829	34	4,043	257	4,300
1991	600	13	138	1,078	0	1,693	153	1,846
1992	445	26	81	1,018	0	1,443	167	1,610
1993	509	25	357	1,411	0	2,065	242	2,307
1994	378	20	404	1,699	0	2,372	152	2,524
1995	230	25	387	1,132	0	1,686	68	1,754
1996	471	30	267	1,371	16	2,083	114	2,197
1997	416	57	331	1,826	0	2,582	53	2,635
1998	294	20	288	1,287	0	1,880	28	1,908
1999 <sup>c/</sup>	155	20	52	928	99	1,081	171	1,252
2000 <sup>d/</sup>	87	38	21	492	0	529	116	645
2001 <sup>d/</sup>	134	39	43	1,159	0	1,231	101	1,332
2002 <sup>e/</sup>	587	37	372	2,464	0	3,375	85	3,460
2003 <sup>e/f/</sup>	296	20	206	1,228	0	1,646	104	1,750
2004 <sup>e/f/</sup>	401	20	102	1,786	0	2,239	70	2,309
2005 <sup>e/f/</sup>	323	36	73	1,193	0	1,389	217	1,606
2006 <sup>e/f/</sup>	576	37	109	904	0	662	557	1,219
GOAL				900 <sup>g/</sup>				

a/ Beginning in 1981, catch breakouts recalculated to account for Solduc hatchery yearling release dip-in fish.

b/ Recreational catch of adults (at least 24 inches total length).

c/ Sport fishery closed until July 14.

d/ Sport fishery closed through August 31 to retention of wild adult spring/summer Chinook. Sport catch reflects retention of hatchery fish only.

e/ Sport fishery open May 16-Aug 31 from mouth to Willoughby Creek.

f/ Preliminary.

g/ Minimum. Terminal run managed at 31% harvest rate of inriver run size.

TABLE B-33. Estimated inriver run size, catch, and escapement for Hoh River fall Chinook in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	Total
1976-1980	760	36	37	2,080	-	2,960	-	2,960
1981-1985	849	36	59	2,745	20	3,684	100	3,764
1986-1990	2,000	32	213	4,500	33	6,819	88	6,907
1991	1,076	15	130	1,420	0	2,628	13	2,641
1992	940	30	184	4,003	0	5,139	18	5,157
1993	1,148	30	416	2,280	0	2,951	91	3,042
1994	687	30	242	3,967	0	4,322	179	4,501
1995	502	30	194	2,202	0	2,912	22	2,934
1996	836	30	192	3,022	0	4,061	19	4,080
1997	1,114	35	164	1,773	0	3,034	52	3,086
1998	846	30	268	4,257	0	5,388	13	5,401
1999	596	30	413	1,924	0	2,941	22	2,963
2000	404	20	479	1,749	0	2,632	20	2,652
2001	946	40	600	2,560	0	4,116	120	4,236
2002 <sup>c/</sup>	1,461	30	134	4,415	82	5,716	406	6,122
2003 <sup>d/</sup>	517	30	216	1,649	32	2,319	99	2,418
2004 <sup>d/</sup>	815	30	400	3,211	26	4,410	72	4,482
2005 <sup>d/</sup>	970	21	229	4,180	14	5,316	77	5,393
2006 <sup>d/</sup>	571	30	NA	1,325	NA	1,877	19	1,896
GOAL				1,200 <sup>e/</sup>				

a/ Recreational catch of age-3 and older fish.

b/ Includes fish taken for hatchery brood stock.

c/ Low water in October and early November delayed upstream migration, prompting closure of the sport fishery to Chinook retention on October 19 for the remainder of season. Tribal gillnet fishery closed weeks 44 and 45.

d/ Preliminary.

e/ Minimum. Terminal run managed at 40% harvest rate of inriver run size through 1996; for 1997 and 1998, fishing regimes were designed to target a range near 40%.



TABLE B-34. Estimated inriver run size, catch, and escapement for Hoh River coho in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural <sup>c/</sup>	Hatchery	Natural	Hatchery	Total
1976-1980	1,960	74	28	2,700	39	4,683	259	4,942
1981-1985	1,604	48	22	3,371	92	4,655	452	5,107
1986-1990	2,507	30	165	3,145	238	5,221	760	5,981
1991	1,254	20	276	4,129	14	5,370	323	5,693
1992	1,420	30	110	4,045	594	5,010	1,189	6,199
1993	709	30	90	1,345	0	1,874	300	2,174
1994	144	20	123	1,161	0	1,404	44	1,448
1995	478	30	242	4,710	0	5,420	40	5,460
1996	972	50	101	4,858	0	5,835	146	5,981
1997 <sup>d/</sup>	85	25	4	1,386	0	1,449	51	1,500
1998	650	20	213	4,418	0	5,184	118	5,302
1999	1,706	25	256	4,594	0	6,293	308	6,601
2000	1,932	20	280	6,772	0	8,831	173	9,004
2001	3,909	40	786	10,773	840	14,801	1,547	16,348
2002 <sup>e/</sup>	3,114	30	401	9,009	1,922	11,254	3,222	14,476
2003 <sup>f/</sup>	1,872	20	350	6,273	645	8,118	1,021	9,139
2004 <sup>f/</sup>	1,255	20	437	4,702	14	6,291	137	6,428
2005 <sup>f/</sup>	3,830	30	280	4,711	732	8,294	1,259	9,553
2006 <sup>f/</sup>	1,313	30	NA	2,037	NA	3,109	241	3,350
GOAL				2,000 to 5,000				

a/ Includes dip-in fish from other river systems.

b/ Recreational catch of adults (coho over 20 inches).

c/ Natural escapement and run sizes estimates include fish taken for hatchery brood stock.

d/ Recreational fishermen were limited to Chinook only. Release of adult coho required. Tribal net fishery used large mesh to minimize coho

e/ Sport and tribal gillnet seasons reduced inseason in response to delayed upriver movement of coho caused by extreme low water conditions in October and early November. Closures were for two weeks.

f/ Preliminary.

TABLE B-35. Estimated inriver run size, catch, and escapement for Quillayute River spring/summer Chinook in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery <sup>c/</sup>	Total
1976-1980	2,520	20	380	2,093	800	NA	NA	3,698
1981-1985	700	20	48	731	260	NA	NA	1,164
1986-1990	1,631	22	258	1,602	1,003	3,085	2,503	4,341
1991	1,271	25	381	1,188	781	1,500	2,146	3,646
1992	917	25	295	1,009	1,540	1,271	2,515	3,786
1993	1,237	25	367	1,292	866	1,531	2,256	3,787
1994	570	25	79	974	537	1,187	998	2,185
1995	471	25	341	1,333	438	1,731	877	2,608
1996	136	50	257	1,170	226	1,388	426	1,814
1997	106	50	263	890	198	1,177	305	1,482
1998	199	50	128	1,599	247	1,829	369	2,198
1999	368	50	238	713	596	818	1,147	1,965
2000	254	50	307	989	227	1,149	678	1,827
2001	330	50	353	1,225	973	1,399	1,515	2,914
2002	419	50	367	1,002	836	1,100	1,573	2,673
2003	184	50	343	1,219	1,250	1,308	1,738	3,046
2004	217	50	331	1,093	763	1,259	1,195	2,454
2005 <sup>d/e/f/</sup>	332	3	488	876	801	1,033	1,467	2,500
2006 <sup>d/e/f/</sup>	688	0	NA	600	1,032	656	1,664	2,320
GOAL				1,200 <sup>g/</sup>				

a/ Recreational catch of adults.

b/ Natural escapement includes hatchery strays and broodstock fish.

c/ Hatchery escapement and terminal run size exclude hatchery strays.

d/ Preliminary.

e/ Terminal run size estimates incomplete because inriver sport catch estimates are unavailable.

f/ Beginning in 2005, C&S catch taken during scheduled gillnet fishery is included in gillnet harvest numbers.

g/ FMP goal is adults; WDFW goal of 1,200 includes age-3 males (jacks).

TABLE B-36. Estimated inriver run size, catch, and escapement for Quillayute River fall Chinook in numbers of fish. (Page 1 of 1)

Year or Average	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	Natural	Hatchery <sup>c/</sup>	Total
1976-1980	2,640	20	220	4,220	144	6,540	640	7,180
1981-1985	2,075	50	131	6,282	77	8,219	305	8,525
1986-1990	5,475	50	564	12,238	112	18,004	379	18,383
1991	951	50	376	6,292	13	7,631	51	7,682
1992	1,208	50	200	6,342	14	7,750	62	7,812
1993	407	50	26	5,254	28	5,735	30	5,765
1994	448	50	262	4,932	0	5,692	0	5,692
1995	552	50	582	5,532	0	6,716	0	6,716
1996	1,377	100	500	7,316	0	9,293	0	9,293
1997	282	50	310	5,405	0	6,047	0	6,047
1998	762	100	326	6,752	0	7,940	0	7,940
1999	1,129	100	195	3,334	0	4,758	0	4,758
2000	604	100	360	3,730	0	4,794	0	4,794
2001	1,650	100	659	5,136	0	7,545	0	7,545
2002	3,074	100	271	6,067	0	9,512	0	9,512
2003	1,345	100	626	7,398	0	9,469	23	9,492
2004	527	100	681	3,831	0	6,133	12	6,145
2005 <sup>d/e/f</sup>	1,414	0	499	6,406	0	8,319	32	8,351
2006 <sup>d/e/f</sup>	2,020	0	NA	6,336	0	8,356	14	8,370
GOAL				3,000 <sup>g/</sup>				

a/ River recreational catch of age-3 and older fish.

b/ Includes fish taken for hatchery brood stock and hatchery strays.

c/ Hatchery escapement and terminal run size exclude hatchery strays.

d/ Preliminary.

e/ Terminal run size estimates incomplete since inriver sport catch estimates are unavailable.

f/ Beginning in 2005, C&S catch taken during scheduled gillnet fishery is included in gillnet harvest numbers.

g/ Minimum. Terminal run managed at 40% harvest rate.

TABLE B-37. Estimated inriver run size, catch, and escapement for Quillayute River coho stocks in numbers of fish. (Page 1 of 2)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	Total
<b>SUMMER COHO</b>								
1976-1980	5,038	56	266	1,192	4,565	1,962	9,154	11,116
1981-1985	4,062	50	105	946	2,744	2,106	5,802	7,908
1986-1990	3,204	50	94	723	4,001	1,643	6,430	8,072
1991	2,661	50	319	1,001	9,877	1,280	12,628	13,908
1992	1,254	50	491	921	15,376	1,022	17,070	18,092
1993	396	50	63	256	1,654	324	2,095	2,419
1994	974	50	51	683	1,643	999	2,402	3,401
1995	1,144	50	29	1,060	3,957	1,318	4,922	6,240
1996	2,552	50	189	465	3,400	801	5,855	6,656
1997	70	50	14	753	1,509	798	1,598	2,396
1998	1,310	50	93	346	1,688	593	2,894	3,487
1999	945	50	292	624	7,527	723	8,715	9,438
2000	1,188	50	278	1,001	3,745	1,237	5,025	6,262
2001	2,196	50	590	961	12,993	1,841	14,949	16,790
2002 <sup>e/</sup>	3,982	50	150	1,012	3,939	2,099	7,034	9,133
2003 <sup>e/</sup>	2,412	50	326	505	6,539	1,472	8,360	9,832
2004 <sup>e//</sup>	1,337	50	343	1,269	6,527	1,874	7,652	9,526
2005 <sup>e//h</sup>	10,273	0 <sup>h/</sup>	487	1,218	7,182	2,197	16,963	19,160
2006 <sup>e//h</sup>	2,410	h/	NA	574	2,273	1,772	3,502	5,274
GOAL	Hatchery Production							

TABLE B-37. Estimated inriver run size, catch, and escapement for Quillayute River coho stocks in numbers of fish. (Page 2 of 2)

Year or Average	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	Total
<b>FALL COHO</b>								
1976-1980	5,985	53	70	9,002	2,435	13,959	3,587	17,546
1981-1985	3,789	49	164	7,464	2,102	10,988	2,580	13,568
1986-1990	5,794	100	385	8,766	1,771	14,119	2,695	16,815
1991	2,078	100	626	9,532	7,168	10,648	8,856	19,504
1992	7,069	100	841	8,170	3,858	13,623	6,415	20,038
1993	1,318	100	60	4,165	3,746	4,676	4,713	9,389
1994	2,138	100	307	4,882	3,090	6,415	4,102	10,517
1995	5,386	100	991	10,035	5,819	14,286	8,045	22,331
1996	8,419	100	1,336	11,009	11,515	14,596	17,783	32,379
1997	456	50	38 <sup>g/</sup>	4,623	2,645	5,021	2,791	7,812
1998	4,606	50	1,340	13,866	12,834	16,980	15,716	32,696
1999	22,946	50	1,054	9,365	13,528	19,524	27,515	47,039
2000	5,606	50	1,059	13,343	13,118	17,706	15,470	33,176
2001	23,991	50	2,620	18,876	23,892	36,714	32,715	69,429
2002	22,214	50	2,002	23,016	30,656	34,695	43,243	77,938
2003 <sup>e/</sup>	13,949	50	2,533	14,756	13,799	25,188	19,899	45,087
2004 <sup>e//</sup>	19,321	50	2,831	13,354	21,248	25,118	31,687	56,805
2005 <sup>e//h</sup>	29,530	0 <sup>h/</sup>	3,420	11,501	24,137	22,125	46,463	68,588
2006 <sup>e//h</sup>	9,463	<sup>h/</sup>	NA	4,955	4,450	11,537	7,331	18,868
GOAL				6,300-15,800				

a/ Includes dip-in fish from other systems.

b/ Recreational catch of adults (coho over 20 inches).

c/ Natural escapement and run size estimates include fish taken for hatchery brood stock.

d/ Hatchery escapement and terminal run size exclude hatchery strays.

e/ Preliminary.

f/ Terminal run size estimates incomplete since inriver sport catch estimates are unavailable.

g/ Regulations required nonretention of coho.

h/ Beginning in 2005, C&S catch taken during scheduled gillnet fishery is included in gillnet harvest numbers.

TABLE B-38. Puget Sound commercial net and troll fishery salmon catches in numbers of fish.<sup>a/</sup> (Page 1 of 2)

Year or Average	Fishery	Chinook	Coho	Pink <sup>b/</sup>	Chum	Sockeye
1971-1975	Non-Indian	105,332	525,867	1,172,614	331,029	2,158,784
	Treaty Indian	57,672	224,743	61,818	78,266	38,225
	Total	163,005	750,610	1,234,433	409,295	2,197,009
1976-1980	Non-Indian	103,546	413,583	1,050,560	407,859	1,095,603
	Treaty Indian	135,592	492,549	185,831	296,057	277,771
	Total	239,138	906,132	1,236,391	703,916	1,373,374
1981-1985	Non-Indian	72,934	346,125	1,154,851	368,762	928,477
	Treaty Indian	155,966	608,241	829,340	387,951	912,408
	Total	228,899	954,366	1,984,191	756,713	1,840,885
1986-1990	Non-Indian	57,550	470,494	509,445	540,843	964,690
	Treaty Indian	176,966	812,712	590,138	662,215	1,028,361
	Total	234,516	1,283,206	1,099,583	1,203,058	1,993,051
1991	Non-Indian	21,629	196,928	1,578,440	476,214	983,408
	Treaty Indian	120,057	406,801	1,710,032	545,421	844,690
	Total	141,686	603,729	3,288,472	1,021,635	1,828,098
1992	Non-Indian	19,496	98,920	82	618,909	316,113
	Treaty Indian	90,331	292,526	121	763,831	292,140
	Total	109,827	391,446	203	1,382,740	608,253
1993	Non-Indian	19,040	27,305	974,865	587,690	1,328,468
	Treaty Indian	62,719	164,555	1,117,356	540,018	1,365,219
	Total	81,759	191,860	2,092,221	1,127,708	2,693,687
1994	Non-Indian	20,855	24,248	30	561,243	880,632
	Treaty Indian	65,913	438,937	208	802,872	959,599
	Total	86,768	463,185	238	1,364,115	1,840,231
1995	Non-Indian	6,577	24,455	1,366,919	372,923	170,551
	Treaty Indian	73,547	281,100	1,337,021	383,000	243,641
	Total	80,124	305,555	2,703,940	755,923	414,192
1996	Non-Indian	9,046	19,218	2	530,372	50,474
	Treaty Indian	67,061	153,748	58	264,486	286,187
	Total	76,107	172,966	60	794,858	336,661
1997	Non-Indian	21,894	10,454	869,345	229,261	690,236
	Treaty Indian	56,638	133,150	1,007,380	188,850	678,489
	Total	78,532	143,604	1,876,725	418,111	1,368,725

TABLE B-38. Puget Sound commercial net and troll fishery salmon catches in numbers of fish.<sup>a/</sup> (Page 2 of 2)

Year or Average	Fishery	Chinook	Coho	Pink <sup>b/</sup>	Chum	Sockeye
1998	Non-Indian	12,428	12,538	352	505,349	229,313
	Treaty Indian	43,273	148,441	512	320,122	308,446
	Total	55,701	160,979	864	825,471	537,759
1999	Non-Indian	9,512	11,902	1,109	133,404	37
	Treaty Indian	83,686	102,278	51,432	117,763	20,495
	Total	93,198	114,180	52,541	251,167	20,532
2000	Non-Indian	11,468	21,910	9	140,611	230,379
	Treaty Indian	71,551	386,714	346	159,477	315,628
	Total	83,019	408,624	355	300,088	546,007
2001	Non-Indian	18,029	28,299	463,083	824,328	85,112
	Treaty Indian	109,865	366,011	319,553	777,019	170,309
	Total	127,894	394,310	782,636	1,601,347	255,421
2002 <sup>c/</sup>	Non-Indian	17,628	24,459	7	1,117,666	141,456
	Treaty Indian	98,251	286,500	327	833,497	339,773
	Total	115,879	310,959	334	1,951,163	481,229
2003 <sup>c/</sup>	Non-Indian	8,567	18,105	683,393	764,132	90,618
	Treaty Indian	84,680	244,091	556,943	814,212	183,670
	Total	93,247	262,196	1,240,336	1,578,344	274,288
2004 <sup>c/</sup>	Non-Indian	5,042	39,481	4	1,174,295	81,031
	Treaty Indian	99,741	529,668	712	934,155	137,699
	Total	104,783	569,149	716	2,108,450	218,730
2005 <sup>c/</sup>	Non-Indian	6,236	19,694	144,567	383,127	65,931
	Treaty Indian	86,071	296,637	243,012	351,416	141,747
	Total	92,307	316,331	387,579	734,543	207,678
2006 <sup>c/</sup>	Non-Indian	13,090	10,042	6	877,224	223,447
	Treaty Indian	134,604	292,448	195	546,812	543,546
	Total	147,694	302,490	201	1,424,036	766,993

a/ Data does not reflect treaty Indian allocations. Includes U.S. and Canadian-origin salmon and fish caught in test fisheries.

b/ Odd-year averages for pink salmon.

c/ Preliminary.

TABLE B-39. Summary of Puget Sound marine recreational salmon catch estimates in numbers of fish from catch record cards.<sup>a/</sup> (Page 1 of 1)

Year or Average	Chinook	Coho	Pink <sup>b/</sup>
1971-1975	225,650	119,301	14,855
1976-1980	253,763	202,983	47,029
1981-1985 <sup>c/</sup>	156,183	196,632	14,910
1986-1990 <sup>c/d/e/</sup>	127,860	251,087	40,884
1991 <sup>e/f/</sup>	90,566	252,361	44,946
1992 <sup>e/f/</sup>	97,733	189,372	384
1993 <sup>e/f/</sup>	80,166	135,974	67,575
1994 <sup>e/</sup>	48,286	31,801	5
1995 <sup>e/</sup>	69,799	78,675	100,570
1996 <sup>e/</sup>	72,069	85,139	50
1997 <sup>e/</sup>	60,425	137,571	35,197
1998 <sup>e/</sup>	26,114	89,520	201
1999 <sup>e/</sup>	28,739	22,055	23,780
2000 <sup>e/</sup>	23,879	74,934	17
2001 <sup>e/</sup>	44,422	193,454	117,367
2002 <sup>e/g/</sup>	30,900	67,261	31
2003 <sup>e/g/</sup>	30,936	101,485	148,965
2004 <sup>e/g/</sup>	27,121	88,036	213
2005 <sup>e/g/</sup>	22,758	62,110	68,166
2006	NA	NA	NA

a/ WDFW Statistical Areas 5 through 13, which include the Strait of Juan de Fuca, San Juan Islands, and inner Puget Sound.

b/ Odd-year averages for pink salmon.

c/ 1981-1987: Adjusted all Puget Sound and Freshwater estimates by 0.833; due to previous estimates being 20% too high.

d/ 1988: Area 5, no adjustment. Areas 6-13 adjusted by 0.633; due to estimates being 58% too high.

e/ 1989-Present: Area 5, no adjustment. Areas 6-13 adjusted by 0.685; due to estimates being 46% too high.

f/ Catch record card estimates adjusted for results of 1987-1990 WDFW/tribal sports emphasis study.

g/ Preliminary.



TABLE B-40. Puget Sound reported commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound Chinook stocks.<sup>a/</sup> (Page 1 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Strait of Juan de Fuca</b>									
1981-1985	57	126	183	811	1,450	2,261	868	1,576	2,444
1986-1990	136	448	584	1,276	4,538	5,814	1,412	4,986	6,398
1991-1995	28	149	177	348	2,904	3,252	376	3,053	3,429
1996	0	13	13	214	3,110	3,324	214	3,123	3,337
1997	6	58	64	318	3,394	3,712	324	3,452	3,776
1998	6	6	12	1,689	1,934	3,623	1,695	1,940	3,635
1999	10	17	27	726	2,675	3,401	736	2,692	3,428
2000	5	6	11	1,244	1,683	2,927	1,249	1,689	2,938
2001 <sup>d/</sup>	4	4	8	1,660	1,947	3,607	1,664	1,951	3,615
2002 <sup>d/</sup>	5	6	11	1,513	2,182	3,695	1,518	2,188	3,706
2003 <sup>d/</sup>	4	10	14	1,258	2,787	4,045	1,262	2,797	4,059
2004 <sup>d/</sup>	7	18	25	1,368	4,044	5,412	1,375	4,062	5,437
2005 <sup>d/</sup>	7	9	16	1,397	2,083	3,480	1,404	2,092	3,496
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						5,300			
<b>Nooksack-Samish</b>									
1981-1985	54,046	33,562	87,608	16,083	6,541	22,623	70,129	40,103	110,232
1986-1990	37,987	26,271	64,368	10,698	4,127	14,825	48,685	30,398	79,194
1991-1995	18,170	3,294	20,759	8,620	731	9,351	26,790	4,025	30,110
1996	18,010	1,327	19,429	9,026	866	9,892	27,036	2,193	29,321
1997	18,200	3,743	14,541	15,775	3,985	19,760	33,975	7,728	34,301
1998	16,239	5,006	19,259	7,706	2,539	10,245	23,945	7,545	29,504
1999	25,724	6,804	31,295	6,962	2,598	9,560	32,686	9,402	40,855
2000	25,796	2,258	28,054	3,723	432	4,164	29,519	2,690	32,218
2001 <sup>d/</sup>	22,209	27,159	49,368	6,300	9,017	15,317	28,509	36,176	64,685
2002 <sup>d/</sup>	9,240	29,476	38,716	3,665	13,593	17,258	12,905	43,069	55,974
2003 <sup>d/</sup>	6,686	12,425	19,111	3,347	7,864	11,211	10,033	20,289	30,322
2004 <sup>d/</sup>	4,619	5,887	9,906	2,966	4,325	7,291	7,585	10,212	17,197
2005 <sup>d/</sup>	5,641	3,885	9,526	2,439	1,641	4,080	8,080	5,526	13,606
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL				1,800					

TABLE B-40. Puget Sound reported commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound Chinook stocks.<sup>a/</sup>  
(Page 2 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Skagit</b>									
1981-1985	573	9,208	9,781	787	11,545	12,332	1,360	20,753	22,112
1986-1990	246	4,157	4,404	815	12,641	13,456	1,061	16,798	17,860
1991-1995	450	1,914	2,364	2,402	6,285	8,687	2,852	8,200	11,052
1996	21	1,625	1,646	1,133	10,613	11,746	1,154	12,238	13,392
1997	18	1,127	1,145	78	4,872	4,950	96	5,999	6,095
1998	2	319	321	91	14,609	14,700	93	14,928	15,021
1999	5	257	262	92	4,924	5,016	97	5,181	5,278
2000	4	291	295	185	16,930	17,115	189	17,221	17,410
2001 <sup>d/</sup>	2	247	249	150	13,793	13,943	152	14,040	14,192
2002 <sup>d/</sup>	0	323	323	99	19,591	19,690	99	19,914	20,013
2003 <sup>d/</sup>	7	292	299	194	9,489	9,683	201	9,781	9,982
2004 <sup>d/</sup>	0	650	650	197	23,750	23,947	197	24,400	24,597
2005 <sup>d/</sup>	34	2,593	2,627	271	20,803	21,074	305	23,396	23,701
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					14,900				
<b>Hood Canal</b>									
1981-1985	4,917	3,648	8,565	3,787	2,038	5,824	8,704	5,685	14,389
1986-1990	10,497	18,719	29,216	6,223	2,006	8,229	16,721	20,724	37,445
1991-1995	1,828	1,021	2,849	3,806	1,408	5,214	5,634	2,429	8,063
1996	30	4	34	7,103	1,028	8,131	7,133	1,032	8,165
1997	135	7	142	7,292	492	7,784	7,427	499	7,926
1998	964	132	1,096	13,432	1,803	15,235	14,396	1,935	16,331
1999	7,184	950	8,134	18,443	2,975	21,418	25,627	3,925	29,552
2000	9,744	1,291	11,035	9,063	1,582	10,645	18,807	2,873	21,680
2001 <sup>d/</sup>	23,285	4,212	27,497	13,616	2,428	16,044	36,901	6,640	43,541
2002 <sup>d/</sup>	21,031	2,786	23,817	12,953	1,712	14,665	33,984	4,498	38,482
2003 <sup>d/</sup>	24,355	1,406	25,761	4,850	1,422	6,272	29,205	2,828	32,033
2004 <sup>d/</sup>	13,037	2,164	15,201	16,691	2,618	19,728	29,728	4,782	34,929
2005 <sup>d/</sup>	24,619	558	25,177	19,758	2,776	22,534	44,377	3,334	47,711
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL				3,400					

TABLE B-40. Puget Sound reported commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound Chinook stocks.<sup>a/</sup>  
(Page 3 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Stillaguamish-Snohomishe/</b>									
1981-1985	2,714	6,915	9,630	1,849	4,901	6,750	4,564	11,816	16,380
1986-1990	932	4,241	5,174	1,134	5,210	6,344	2,066	9,451	11,517
1991-1995	710	1,959	2,669	2,230	4,255	6,485	2,940	6,214	9,153
1996	18	23	41	4,555	6,035	10,590	4,573	6,058	10,631
1997	242	112	354	11,746	5,451	17,197	11,988	5,563	17,551
1998	37	68	105	4,691	7,844	12,535	4,728	7,912	12,640
1999	15,142	100	15,242	4,700	5,897	10,597	19,842	5,997	25,839
2000	8,275	31	8,306	1,931	7,739	9,670	10,206	7,770	17,976
2001 <sup>d/</sup>	5,114	291	5,405	871	9,513	10,384	5,985	9,804	15,789
2002 <sup>d/</sup>	5,192	57	5,249	2,542	8,808	11,350	7,734	8,865	16,599
2003 <sup>d/</sup>	9,420	445	9,865	5,657	6,435	12,092	15,077	6,880	21,957
2004 <sup>d/</sup>	6,347	316	6,663	6,141	12,112	18,253	12,488	12,428	24,916
2005 <sup>d/</sup>	7,463	155	7,618	3,592	5,447	9,039	11,055	5,602	16,657
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					7,300				
<b>South Puget Sound</b>									
1981-1985	25,093	9,099	34,191	23,341	6,371	29,712	48,434	15,470	63,903
1986-1990	25,548	20,168	45,716	35,315	18,110	53,425	60,863	38,278	99,141
1991-1995	18,988	13,660	32,648	28,692	14,476	43,168	47,680	28,136	75,816
1996	18,866	11,590	30,456	39,499	24,343	63,842	58,365	35,933	94,298
1997	11,307	4,442	15,749	36,303	16,347	52,650	47,610	20,789	68,399
1998	12,021	7,467	19,488	42,501	20,210	62,711	54,522	27,677	82,199
1999	18,185	8,141	26,326	56,495	18,948	75,443	74,680	27,089	101,769
2000	14,030	5,083	19,113	47,175	13,319	60,494	61,205	18,402	79,607
2001 <sup>d/</sup>	33,992	10,436	44,428	67,134	25,665	92,799	101,126	36,101	137,227
2002 <sup>d/</sup>	26,232	9,631	35,863	74,436	18,626	93,062	100,668	28,257	128,925
2003 <sup>d/</sup>	22,385	2,366	2,475	53,783	12,767	66,550	76,168	15,133	69,025
2004 <sup>d/</sup>	25,062	11,376	36,438	54,224	18,431	72,655	79,286	29,807	109,093
2005 <sup>d/</sup>	25,872	2,318	28,190	56,891	7,484	64,375	82,763	9,802	92,565
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						34,900			

a/ Includes treaty Indian and non-Indian net commercial catches during the adult accounting period. Source: Puget Sound run reconstruction model.

b/ Includes estimated off-station returns.

c/ Puget Sound run size is defined as the run available to Puget Sound net fisheries; spawning escapement plus Puget Sound net fishery catch. Does not include fish caught by troll and recreational fisheries inside Puget Sound.

d/ Preliminary.

e/ Since 1999, numbers include Tulalip hatchery returns, which are not added into escapement since no broodstock is taken at the hatchery.

TABLE B-41. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound coho stocks.<sup>a/</sup> (Page 1 of 3)

Year or Average	Commercial Net Catches <sup>c/</sup>			Spawning Escapement			Terminal Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Strait of Juan de Fuca</b>									
1981-1985	15,822	2,907	18,729	9,300	5,960	15,260	25,122	8,867	33,989
1986-1990	5,956	2,301	8,258	2,913	6,920	9,833	8,869	9,221	18,091
1991-1995	1,872	286	2,158	4,316	4,810	9,126	6,188	5,096	11,284
1996	4,176	81	4,257	7,563	3,090	10,653	11,739	3,171	14,910
1997 <sup>d/</sup>	227	65	292	13,889	8,769	22,658	14,116	8,834	22,950
1998 <sup>d/</sup>	5,272	964	6,236	6,109	18,077	24,186	11,381	19,041	30,422
1999 <sup>d/</sup>	3,830	313	4,143	6,253	10,002	16,255	10,083	10,315	20,398
2000 <sup>d/</sup>	7,989	1,726	9,715	19,233	23,758	42,991	27,222	25,484	52,706
2001 <sup>d/</sup>	10,758	2,663	13,421	24,768	43,039	67,807	35,526	45,702	81,228
2002 <sup>d/</sup>	8,105	1,458	9,563	10,837	24,346	35,183	18,942	25,804	44,746
2003 <sup>d/</sup>	3,790	1,289	5,079	15,513	18,873	34,386	19,303	20,162	39,465
2004 <sup>d/</sup>	4,800	908	5,708	6,235	20,515	26,750	11,035	21,423	32,458
2005 <sup>d/</sup>	4,041	NA	NA	4,123	NA	NA	9,111	NA	NA
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						14,800			
<b>Nooksack-Samish</b>									
1981-1985	122,433	17,539	139,972	27,720	7,700	35,420	150,153	25,239	175,392
1986-1990	140,733	21,839	162,572	23,087	8,020	31,107	163,821	29,859	193,680
1991-1995	48,056	13,878	61,934	19,793	10,835	30,629	67,849	24,713	92,563
1996	50,711	1,607	52,318	40,293	2,518	42,811	91,004	4,125	95,129
1997 <sup>d/</sup>	13,751	1,257	15,008	34,305	6,700	41,005	48,056	7,957	56,013
1998 <sup>d/</sup>	15,751	7,134	22,885	21,089	10,300	31,389	36,840	17,434	54,274
1999 <sup>d/</sup>	41,926	7,457	49,383	41,876	8,039	49,915	83,802	15,496	99,298
2000 <sup>d/</sup>	58,011	9,597	67,608	49,035	11,000	60,035	107,046	20,597	127,643
2001 <sup>d/</sup>	49,044	26,099	75,143	49,788	27,500	77,288	98,832	53,599	152,431
2002 <sup>d/</sup>	34,625	16,825	51,450	45,161	20,300	65,461	79,786	37,125	116,911
2003 <sup>d/</sup>	35,331	10,122	45,453	35,482	14,200	49,682	70,813	24,322	95,135
2004 <sup>d/</sup>	71,741	18,927	90,668	27,603	11,591	39,194	99,344	30,518	129,862
2005 <sup>d/</sup>	20,098	15,477	35,575	25,052	2,222	27,274	45,851	17,974	63,825
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL				17,900					

TABLE B-41. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound coho stocks.<sup>a/</sup>  
(Page 2 of 3)

Year or Average	Commercial Net Catches <sup>c/</sup>			Spawning Escapement			Terminal Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Skagit</b>									
1981-1985	6,619	8,858	15,477	21,740	19,800	41,540	28,359	28,658	57,017
1986-1990	5,309	11,448	16,757	13,861	25,800	39,661	19,170	37,248	56,418
1991-1995	1,338	1,739	3,077	11,082	14,240	25,322	12,420	15,979	28,399
1996	719	332	1,051	17,983	8,300	26,283	18,702	8,632	27,334
1997 <sup>d/</sup>	155	1,139	1,294	4,784	22,383	27,167	4,939	23,522	28,461
1998 <sup>d/</sup>	749	9,563	10,312	11,046	73,678	84,724	11,795	83,241	95,036
1999 <sup>d/</sup>	495	6,777	7,272	3,024	27,341	30,365	3,519	34,118	37,637
2000 <sup>d/</sup>	1,526	11,777	13,303	13,935	62,898	76,833	15,461	74,675	90,136
2001 <sup>d/</sup>	1,658	17,933	19,591	16,852	87,017	103,869	18,510	104,950	123,460
2002 <sup>d/</sup>	2,205	11,743	13,948	19,096	55,968	75,064	21,301	67,711	89,012
2003 <sup>d/</sup>	5,122	24,906	30,028	9,118	69,221	78,339	14,240	94,127	108,367
2004 <sup>d/</sup>	7,926	32,663	40,589	11,815	139,170	150,985	19,741	171,833	191,574
2005 <sup>d/</sup>	3,251	16,052	19,303	12,163	34,658	46,821	16,195	52,940	69,135
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					30,000				
<b>Hood Canal</b>									
1981-1985	36,470	21,180	57,650	19,020	23,589	42,609	55,490	44,769	100,259
1986-1990	42,838	21,862	64,699	14,711	18,328	33,039	57,549	40,190	97,738
1991-1995	13,334	673	14,007	14,792	30,048	44,840	28,126	30,721	58,847
1996	4,066	137	4,203	27,337	37,051	64,388	31,403	37,188	68,591
1997 <sup>d/</sup>	4,359	5,570	9,929	35,319	95,861	131,180	39,678	101,431	141,109
1998 <sup>d/</sup>	3,374	18,599	21,973	13,761	100,818	114,579	17,135	119,417	136,552
1999 <sup>d/</sup>	3,641	1,246	4,887	14,113	16,563	30,676	17,754	17,809	35,563
2000 <sup>d/</sup>	9,155	13,902	23,057	24,940	27,239	52,179	34,095	41,141	75,236
2001 <sup>d/</sup>	8,720	11,946	20,666	39,243	94,773	134,016	47,963	106,719	154,682
2002 <sup>d/</sup>	6,021	12,123	18,144	39,330	69,300	108,630	45,351	81,423	126,774
2003 <sup>d/</sup>	15,424	29,952	45,376	33,221	170,255	203,476	48,645	200,207	248,852
2004 <sup>d/</sup>	27,024	73,830	100,854	26,696	146,873	173,569	53,720	220,703	274,423
2005 <sup>d/</sup>	23,827	37,752	61,579	30,962	38,066	69,028	63,050	79,771	142,821
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					21,500				

TABLE B-41. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound coho stocks.<sup>a/</sup>  
(Page 3 of 3)

Year or Average	Commercial Net Catches <sup>c/</sup>			Spawning Escapement			Terminal Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Stillaguamish-Snohomish</b>									
1981-1985	19,973	47,552	67,524	12,940	88,000	100,940	32,913	135,552	168,464
1986-1990	58,543	86,887	145,431	26,134	110,400	136,534	84,677	197,287	281,965
1991-1995	40,705	21,375	62,080	23,570	97,720	121,290	64,275	119,095	183,370
1996	23,406	7,159	30,565	23,583	59,200	82,783	46,989	66,359	113,348
1997 <sup>d/</sup>	19,337	5,687	25,024	25,162	69,100	94,262	44,499	74,787	119,286
1998 <sup>d/</sup>	14,520	10,207	24,727	18,715	177,300	196,015	33,235	187,507	220,742
1999 <sup>d/</sup>	16,636	1,634	18,270	11,578	68,300	79,878	28,214	69,934	98,148
2000 <sup>d/</sup>	84,222	5,682	89,904	31,338	122,510	153,848	115,560	128,192	243,752
2001 <sup>d/</sup>	58,375	17,137	75,512	41,516	334,630	376,146	99,891	351,767	451,658
2002 <sup>d/</sup>	49,489	18,371	67,860	12,732	187,305	200,037	62,221	205,676	267,897
2003 <sup>d/</sup>	3,453	21,162	24,615	14,925	228,290	243,215	18,378	249,452	267,830
2004 <sup>d/</sup>	54,471	45,928	100,399	13,984	310,904	324,888	68,455	356,832	425,287
2005 <sup>d/</sup>	21,886	14,543	36,429	13,763	134,804	148,567	36,552	157,990	194,542
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL - Snohomish					70,000				
GOAL - Stillaguamish					17,000				
<b>South Puget Sound</b>									
1981-1985	328,516	141,229	469,745	76,560	38,510	115,070	405,076	179,738	584,815
1986-1990	509,525	211,476	721,001	69,198	28,882	98,080	578,723	240,358	819,081
1991-1995	137,961	56,462	194,423	97,002	23,945	120,947	234,963	80,407	315,370
1996	56,117	13,503	69,620	107,463	21,991	129,454	163,580	35,494	199,074
1997 <sup>d/</sup>	27,242	52,147	79,389	61,274	40,500	101,774	88,516	92,647	181,163
1998 <sup>d/</sup>	50,203	15,204	65,407	33,290	18,052	51,342	83,493	33,256	116,749
1999 <sup>d/</sup>	15,986	5,417	21,403	26,559	10,008	36,567	42,545	15,425	57,970
2000 <sup>d/</sup>	139,605	59,438	199,043	139,838	51,192	191,030	279,443	110,630	390,073
2001 <sup>d/</sup>	110,988	59,923	170,911	127,179	37,688	164,867	238,167	97,611	335,778
2002 <sup>d/</sup>	97,237	33,486	130,723	115,145	18,296	133,441	212,382	51,782	264,164
2003 <sup>d/</sup>	117,185	40,336	157,521	94,890	51,654	146,544	212,075	91,990	304,065
2004 <sup>d/</sup>	188,927	50,095	239,022	120,600	43,147	163,747	309,527	93,242	402,769
2005 <sup>d/</sup>	108,712	32,923	141,635	81,963	33,657	115,620	203,616	73,159	276,775
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL				52,000					

a/ Includes treaty Indian and non-Indian net commercial catches during the adult accounting period. Source: Puget Sound run reconstruction model.

b/ Includes estimated off-station returns.

c/ Terminal run size is defined as the run to terminal marine areas; spawning escapement plus sport and commercial net catch (inriver and terminal fishery catch). Prior to 1996, estimates are Puget Sound run size, which is defined as the run available to Puget Sound net fisheries; spawning escapement plus commercial net catch (inriver, terminal, and pre-terminal Puget Sound net fishery catch), but not including fish caught in Puget Sound troll and recreational fisheries.

d/ Preliminary.

TABLE B-42. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound pink stocks.<sup>a/</sup> (Page 1 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Strait of Juan de Fuca</b>									
1981	0	295	295	0	3,100	3,100	0	3,395	3,395
1983	0	144	144	0	5,088	5,088	0	5,232	5,232
1985	0	58	58	0	4,830	4,830	0	4,888	4,888
1987	3	158	161	47	1,956	2,003	50	2,114	2,164
1989	0	1,053	1,053	0	10,903	10,903	0	11,956	11,956
1991	0	1,129	1,129	0	9,896	9,896	0	11,025	11,025
1993	0	91	91	0	1,696	1,696	0	1,787	1,787
1995	4	262	266	100	8,254	8,354	104	8,516	8,620
1997	8	538	546	71	4,953	5,024	79	5,491	5,570
1999	0	6	6	0	7,306	7,306	0	7,312	7,312
2001	3	578	581	469	80,949	81,418	472	81,527	81,999
2003	0	282	282	0	15,148	15,148	0	15,430	15,430
2005 <sup>d/</sup>	0	241	241	0	8,688	8,688	0	8,929	8,929
GOAL	Not Agreed Upon								
<b>Nooksack-Samish</b>									
1981	0	21,659	21,659	0	26,814	26,814	0	48,473	48,473
1983	0	13,321	13,321	0	66,966	66,966	0	80,287	80,287
1985	0	6,204	6,204	0	24,914	24,914	0	31,118	31,118
1987	0	5,069	5,069	0	32,685	32,685	0	37,754	37,754
1989	237	24,727	24,964	1,200	126,006	127,206	1,437	150,733	152,170
1991	0	21,852	21,852	0	21,304	21,304	0	43,156	43,156
1993	0	4,323	4,323	0	51,680	51,680	0	56,003	56,003
1995	0	13,532	13,532	0	207,112	207,112	0	220,644	220,644
1997	0	4,152	4,152	0	26,000	26,000	0	30,152	30,152
1999	0	2,478	2,478	0	95,000	95,000	0	97,478	97,478
2001	215	13,735	13,950	3,714	226,000	229,714	3,929	239,735	243,664
2003	338	2,400	2,738	7,264	51,011	58,275	7,602	53,411	61,013
2005 <sup>d/</sup>	259	1,975	2,234	1,791	13,627	15,418	2,050	15,602	17,652
GOAL	50,000								

TABLE B-42. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound pink stocks.<sup>a/</sup>  
(Page 2 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Skagit</b>									
1981	403	150,626	151,029	268	100,268	100,536	671	250,894	251,565
1983	4	19,023	19,027	128	470,128	470,256	132	489,151	489,283
1985	9	229,993	230,002	30	710,030	710,060	39	940,023	940,062
1987	1,090	421,176	422,266	1,535	593,535	595,070	2,625	1,014,711	1,017,336
1989	8	661,061	661,069	5	401,300	401,305	13	1,062,361	1,062,374
1991	0	188,927	188,927	0	351,000	351,000	0	539,927	539,927
1993	0	180,088	180,088	0	530,000	530,000	0	710,088	710,088
1995	0	568,561	568,561	0	857,000	857,000	0	1,425,561	1,425,561
1997	0	57,710	57,710	0	60,000	60,000	0	117,710	117,710
1999	0	32,626	32,626	0	320,000	320,000	0	352,626	352,626
2001	0	206,533	206,533	0	894,061	894,061	0	1,100,594	1,100,594
2003	0	232,732	232,732	0	567,080	567,080	0	799,812	799,812
2005 <sup>d/</sup>	0	20,147	20,147	0	60,000	60,000	0	80,147	80,147
GOAL					330,000				
<b>Hood Canal</b>									
1981	380	1,241	1,621	1,557	6,551	8,108	1,937	7,792	9,729
1983	50	831	881	503	25,201	25,704	553	26,032	26,585
1985	138	2,854	2,992	1,456	64,101	65,557	1,594	66,955	68,549
1987	1,855	6,942	8,797	8,056	62,220	70,276	9,911	69,162	79,073
1989	7,799	26,946	34,745	2,500	60,970	63,470	10,299	87,916	98,215
1991	409	13,518	13,927	3,300	118,450	121,750	3,709	131,968	135,677
1993	623	1,917	2,540	11,497	35,647	47,144	12,120	37,564	49,684
1995	1,565	994	2,559	24,665	31,306	55,971	26,230	32,300	58,530
1997	2,436	910	3,346	21,493	8,363	29,856	23,929	9,273	33,202
1999	18	10	28	7,617	12,667	20,284	7,635	12,677	20,312
2001	713	703	1,416	71,539	98,338	169,877	72,252	99,041	171,293
2003	464	691	1,155	25,217	37,531	62,748	25,681	38,222	63,903
2005 <sup>d/</sup>	98	121	219	14,116	17,481	31,597	14,214	17,602	31,816
GOAL					Not Agreed Upon				



TABLE B-42. Puget Sound commercial net fishery catches and spawning escapements in numbers of fish for hatchery and natural Puget Sound pink stocks.<sup>a/</sup>  
(Page 3 of 3)

Year or Average	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>c/</sup>		
	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total	Hatchery <sup>b/</sup>	Wild	Total
<b>Stillaguamish-Snohomish</b>									
1981	40	49,480	49,520	96	108,096	108,192	136	157,576	157,712
1983	51	57,452	57,503	283	324,383	324,666	334	381,835	382,169
1985	63	175,095	175,158	192	502,192	502,384	255	677,287	677,542
1987	173	111,881	112,054	418	271,418	271,836	591	383,299	383,890
1989	33	354,805	354,838	16	150,549	150,565	49	505,354	505,403
1991	139	82,150	82,289	447	260,000	260,447	586	342,150	342,736
1993	13	21,444	21,457	135	210,000	210,135	148	231,444	231,592
1995	5	33,871	33,876	26	309,600	309,626	31	343,471	343,502
1997	0	59,173	59,173	0	192,109	192,109	0	251,282	251,282
1999	0	13,443	13,443	0	461,543	461,543	0	474,986	474,986
2001	0	100,015	100,015	0	1,847,648	1,847,648	0	1,947,663	1,947,663
2003	0	187,286	187,286	0	1,577,001	1,577,001	0	1,764,287	1,764,287
2005 <sup>d/</sup>	0	19,193	19,193	0	600,124	600,124	0	619,317	619,317
GOAL - Stillaguamish					155,000				
GOAL - Snohomish					120,000				
<b>South Puget Sound</b>									
1981	1,569	9,818	11,387	791	12,715	13,506	2,360	22,533	24,893
1983	492	11,265	11,757	149	12,200	12,349	641	23,465	24,106
1985	119	5,335	5,454	13	34,700	34,713	132	40,035	40,167
1987	15	9,386	9,401	3	42,200	42,203	18	51,586	51,604
1989	361	36,999	37,360	452	62,220	62,672	813	99,219	100,032
1991	357	5,037	5,394	346	15,950	16,296	703	20,987	21,690
1993 <sup>e/</sup>	3	2,330	2,333	21	10,619	10,640	24	12,949	12,973
1995 <sup>e/</sup>	13	5,163	5,176	84	18,278	18,362	97	23,441	23,538
1997 <sup>e/</sup>	0	449	449	0	2,965	2,965	0	3,414	3,414
1999 <sup>e/</sup>	0	80	80	12	4,670	4,682	12	4,750	4,762
2001 <sup>e/f/</sup>	5	735	740	48	16,173	16,221	53	16,908	16,961
2003 <sup>e/f/</sup>	1	5,393	5,394	68	185,277	185,345	69	190,670	190,739
2005 <sup>d/e/f/</sup>	0	3,964	3,964	0	466,435	466,435	0	470,399	470,399
GOAL					25,000				

a/ Includes treaty Indian and non-Indian net commercial catches during the adult accounting period. Source: Puget Sound run reconstruction model.

b/ Includes estimated off-station returns.

c/ Puget Sound run size is defined as the run available to Puget Sound net fisheries; spawning escapement plus Puget Sound net fishery catch. Does not include fish caught by troll and recreational fisheries inside Puget Sound.

d/ Preliminary.

e/ Nisqually escapement estimate incomplete.

f/ Large runs of pinks have returned to Green River in 2001, 2003, and 2005; however, no formal escapement methodology exists, and Green River pinks are not included in the run reconstruction model. When the model is revised, pre-terminal catch estimates for all stocks will be affected.

TABLE B-43. Puget Sound spring Chinook spawning escapement estimates in numbers of adult fish. (Page 1 of 1)

Year or Average	Stock						
	Skagit		NF Nooksack		SF Nooksack	White River	Quilcene
	Hatchery	Natural	Hatchery	Natural <sup>a/</sup>	Hatchery/ Natural	Hatchery <sup>b/</sup>	Hatchery <sup>c/</sup>
1981-1985	15	1,408	0	152	317	70	149
1986-1990	155	1,826	0	235	280	408	125
1991	386	1,442	151	108	365	426	23
1992	249	986	1,016	498	103	1,039	20
1993	1,574	782	1,364	449	235	948	27
1994	881	470	549	45	118	1,227	10
1995	984	855	769	230	290	1,684	16
1996	856	1,051	1,070	534	203	1,625	12
1997	1,220	1,041	1,663	520	180	1,609	16
1998	1,054	1,086	1,370	368	157	2,710	5
1999	3,171	471	2,873	823	166	1,550	4
2000	1,102	1,021	1,204	1,245	284	2,363	0
2001	1,566	1,856	1,006	2,209	267	5,690	0
2002 <sup>d/</sup>	1,606	1,065	5,649	3,741	289	1,780	0
2003 <sup>d/</sup>	1,537	844	6,250	2,857	204	2,760	0
2004 <sup>d/</sup>	3,119	1,622	3,533	1,746	130	1,115	0
2005 <sup>d/</sup>	2,319	1,305	1,569	2,167	120	2,061	0
2006 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	0
GOAL	3,000						

a/ Natural escapement estimates based on carcass counts which are conservative. Redd counts have been made in 2 years and escapement estimates from redd counts are 3 to 4 times higher than the carcass counts. Most natural spawners are hatchery fish spawning in the wild.

b/ This estimate includes adult Chinook returns to Hupp Springs, White River Hatchery and to the Buckley Trap.

c/ Program has been discontinued.

d/ Preliminary.