

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

Year or Average	Early Non-local Catch	Terminal Catch			Spawning Escapement			Terminal Run Size <sup>d/</sup>
		Non-Indian Gillnet	Treaty Gillnet	Chehalis Tribal Gillnet	Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery <sup>c/</sup>	
1976-1980	4.4	1.8	3.1	1.0	1.1	6.5	0.3	13.9
1981	1.6	0.6	3.5	0.7	0.2	7.6	0.8	13.4
1982	0.6	3.1	4.6	0.7	0.2	5.6	0.4	14.6
1983	0.1	0.1	3.3	0.3	0.1	5.5	0.6	9.9
1984	0.5	0.2	0.9	0.3	0.4	21.0	0.9	23.7
1985	0.1	0.1	5.3	0.3	0.6	9.5	1.1	16.9
1986	0.2	2.2	5.4	0.3	0.4	13.7	1.3	23.3
1987	0.3	3.1	9.7	0.2	0.8	18.8	2.0	34.6 <sup>i/</sup>
1988	0.7	3.5	4.9	0.8	2.0 <sup>v/</sup>	28.2	0.3	39.7 <sup>i/</sup>
1989	0.4	8.0	18.5	1.0	2.1 <sup>v/</sup>	25.7	0.7	56.0 <sup>i/</sup>
1990	0.3	6.3	13.5	0.6	2.0 <sup>v/</sup>	17.0	0.5	39.8 <sup>i/</sup>
1991	0.2	6.0	8.0	0.6	3.7 <sup>v/</sup>	14.4	0.5	33.2 <sup>i/</sup>
1992	0.2 <sup>e/2</sup>	5.6	6.6	0.9	2.1 <sup>v/</sup>	16.9	1.1	33.2 <sup>i/</sup>
1993	-	5.8	8.8	1.6	3.5 <sup>i/</sup>	13.3	0.9	33.9 <sup>i/</sup>
1994	-	3.7	7.9	0.7	3.6 <sup>v/</sup>	14.3	0.8	31.0 <sup>i/</sup>
1995	-	5.1	7.4	0.7 <sup>e/</sup>	5.4 <sup>i/</sup>	12.7	0.4	31.7 <sup>i/</sup>
1996	-	1.4	7.1	0.3	5.7 <sup>i/</sup>	20.2	0.7	35.1 <sup>i/</sup>
1997	-	2.7	6.6	0.3	2.8 <sup>v/</sup>	18.2	0.4	31.0
1998	-	0.2	4.1 <sup>i/</sup>	0.0	2.9 <sup>h/i/</sup>	12.5	0.5	18.4
1999	-	1.0	1.9	0.0	1.9 <sup>h/i/</sup>	7.8	0.8	14.3
2000	-	1.3	3.0	0.0	1.2	4.9	0.3	11.8
2001 <sup>h/</sup>	-	2.0	3.9	0.0	2.4	9.5	0.2	NA
2002	-	e/	1.0	0.0	NA	11.3	0.3	NA
<b>GOAL</b>						<b>14.6</b>		

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 does not include July catches in spring chinook total while the Quinault Indian Nation does. For 1996, the WDFW estimate of spring chinook catch is 12; the Quinault estimate is 151. For 1997, WDFW estimate is 38; the Quinault estimate is 72. For 1998, the Quinault estimate is 17. For 1999, the Quinault estimate is 3.  
g/ WDFW is not able to differentiate spawning time and believes this includes fall chinook.  
h/ Preliminary.  
i/ 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.  
j/ Ceremonial and subsistence catch is about 75% of the reported catch of last opening. Therefore, the expanded catch would be equal to 4,970.

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			Sport (Adults)	Spawning Escapement		Terminal Run Size		
	Non-Treaty Gillnet	Treaty Gillnet	Chehalis Tribal-River		Natural <sup>a/</sup>	Hatchery <sup>a/</sup>	Natural	Hatchery	Total
<b>COHO (thousands)</b>									
1976-1980	5.2	9.8	3.5	2.5	29.5	9.4	NA	NA	59.9
1981	3.0	24.8	3.2	0.9	13.0	19.9	17.6	47.1	64.7
1982	17.4	26.0	6.0	3.9	18.1	10.3	38.5	43.2	81.7
1983	1.8	11.5	0.8	1.8	25.3	12.5	29.4	24.3	53.8
1984	3.2	6.6	3.4	16.3	105.7	22.2	103.8	53.5	157.4
1985	0.5	9.2	0.9	1.4	22.1	4.9	25.1	13.9	39.0
1986	12.5	36.6	1.9	6.2 <sup>b/</sup>	36.9	32.9	33.3	93.6	126.9
1987	17.3	30.6	3.5	3.2 <sup>b/</sup>	23.0	11.4	55.7	33.4	89.1
1988	3.5	20.1	0.5	5.7 <sup>b/</sup>	61.9	38.4	58.0	72.1	130.1
1989	1.3	23.3	1.7	4.8 <sup>b/</sup>	56.7	25.2	60.9	52.1	113.0
1990	4.0	40.0	1.5	6.7 <sup>b/</sup>	45.6	20.9	57.3	61.3	118.6
1991	47.8	68.9	8.1	25.2 <sup>b/</sup>	64.3	75.6	108.7	181.2	289.9
1992	0.7	14.1	1.1	4.3 <sup>b/</sup>	32.9	8.2	40.8	20.4	61.2
1993	4.4	15.9	1.3	6.3 <sup>b/</sup>	25.5	13.7	37.3	29.7	67.0
1994	0.7	8.6	0.9	1.8 <sup>b/</sup>	12.4	14.2	11.8	26.8	38.6
1995	9.5	38.4	2.1	9.7 <sup>b/</sup>	47.4	34.7	58.9	83.0	141.9
1996	10.1	51.7	2.9	7.2 <sup>b/</sup>	63.6	45.6	82.4	98.6	181.0
1997	0.1	5.4	0.1	1.6 <sup>b/</sup>	22.5	11.6	18.9	22.4	41.2
1998	0.7	13.4	0.4	2.3 <sup>b/</sup>	35.6 <sup>c/</sup>	13.9	41.2	25.1	66.3
1999	1.7	12.1	0.8	3.9 <sup>b/c</sup>	33.3 <sup>c/</sup>	27.4	38.9	40.3	79.2
2000 <sup>c/</sup>	5.6	10.8	0.3	3.2	35.9 <sup>c/</sup>	20.8	40.8	35.8	76.6
2001 <sup>c/</sup>	3.2	15.5	NA	17.0	30.7	68.2	NA	NA	NA
2002 <sup>c/</sup>	6.8	14.1	NA	NA	NA	42.6	NA	NA	NA
<b>GOAL</b>					<b>35.4</b>				

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

b/ Beginning in 1987, estimates provided by WDFW for recreational catch reflect punch card bias correction factor. Quinault Indian Nation does not believe this factor is appropriate. Unadjusted estimates are 3,900 for 1987; 6,800 for 1988; 5,800 for 1989; 8,000 for 1990; 28,600 for 1991; 5,100 for 1992; 7,600 for 1993; 2,100 for 1994; 11,700 for 1995; 2,142 for 1996; 1,800 for 1997; 2,500 for 1998; and 1,200 for 1999. Terminal run sizes would be adjusted accordingly.

c/ 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	Spring/Summer	Fall	Chum	Sockeye
	Chinook <sup>a/</sup>	Chinook <sup>a/</sup>		
1976	52	3,200	7,400	14,800
1977	51	600	3,600	30,500
1978	163	6,900	13,700	21,000
1979	299	6,500	3,200	4,700
1980	178	4,400	11,900	16,800
1981	148	5,300	4,500	21,700
1982	146	5,500	7,400	15,300
1983	45	4,400	3,700	400
1984	118	5,500	4,300	900
1985	115	4,800	3,700	24,700
1986	115	6,700	7,100	1,900
1987	346	12,220	3,486	24,347
1988	437	9,801	8,623	18,186
1989	530	10,108	2,563	2,691
1990	260	5,282	1,660	8,965
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	4,700	3,440
1999	10	4,840	583	73
2000	0	3,420	755	0
2001	40	4,012	2,009	0
2002 <sup>b/</sup>	69	4,507	1,148	21,801

a/ Preliminary. Stock separation under review.

b/ Preliminary.

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

Year	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport	Natural	Hatchery	Natural	Hatchery	Total
1977	1,900	-	-	1,500	300	3,000	600	3,600
1978	6,900	-	-	2,500	1,600	6,600	4,200	10,800
1979	17,800	-	-	7,200	4,700	18,000	11,700	29,700
1980	12,400	-	-	2,500	4,900	6,300	13,400	19,700
1981	10,400	-	-	2,200	7,300	4,500	15,400	19,900
1982	11,000	-	-	7,200	4,900	14,400	8,700	23,100
1983	3,700	-	-	7,000	6,400	9,000	8,100	17,100
1984	21,100	-	-	3,200	9,800	7,800	26,200	34,000
1985	7,300	-	-	1,500	3,100	3,300	8,700	12,000
1986	24,382	-	-	4,780	4,907	11,483	21,332	32,815
1987	13,987	-	-	2,167	1,431	8,419	8,801	17,220
1988	12,757	-	-	1,194	6,156	2,282	16,582	18,864
1989	8,989	-	-	4,443	3,964	7,993	8,526	16,519
1990	8,770	-	-	3,301	4,738	5,329	10,787	16,116
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	-	-	6,024	9,524	9,330	16,111	25,441
1997	365	-	-	3,150	1,054	3,339	1,118	4,457
1998	5,941	-	-	3,764	3,158	7,142	5,581	12,723
1999	15,492	-	-	12,666	14,617	19,138	23,101	42,239
2000	16,214	-	-	7,138	10,356	14,276	19,182	33,458
2001	25,351	-	-	11,905	23,581	20,525	39,964	60,489
2002 <sup>b/</sup>	19,194	-	-	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**. (Page 1 of 1)

Year	Terminal Catch			Escapement		Terminal Run Size		Total
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	
1976	160	11	61	505	0	737	0	737
1977	364	25	34	732	0	1,155	0	1,155
1978	229	16	51	1,110	0	1,406	0	1,406
1979	475	31	60	870	118	1,369	185	1,554
1980	108	8	59	1,038	0	1,213	0	1,213
1981	299	20	22	988	0	1,329	0	1,329
1982	495	35	6	781	119	1,244	180	1,424
1983	104	9	20	1,044	38	1,173	42	1,215
1984	150	18	63	958	0	1,189	0	1,189
1985	165	19	25	677	0	886	0	886
1986	201	22	45	925	0	1,193	0	1,193
1987	858	59	28	598	0	1,543	0	1,543
1988	391	34	77	1,765	0	2,267	0	2,267
1989	1,181	76	129	2,568	0	3,954	0	3,954
1990	601	41	58	1,780	0	2,480	0	2,480
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 <sup>c/</sup>	0	17	0	738	0	755	0	755
GOAL				700 <sup>d/</sup>				

a/ Sport 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**. (Page 1 of 1)

Year	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & River		Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	Total
		Subsistence	Sport <sup>a/</sup>					
1976	1,300	NA	20	1,200	0	2,500	0	2,500
1977	2,000	NA	20	3,600	0	5,500	0	5,500
1978	900	NA	100	2,200	0	3,100	0	3,100
1979	900	100	20	3,900	0	4,700	0	4,700
1980	2,600	NA	20	3,200	0	5,800	0	5,800
1981	3,800	NA	100	4,300	100	8,000	200	8,200
1982	2,300	NA	200	4,100	200	6,200	400	6,600
1983	1,300	20	200	2,600	300	3,800	600	4,400
1984	1,600	20	100	3,900	600	5,300	1,000	6,300
1985	1,518	20	74	3,702	598	5,153	757	5,910
1986	965	20	194	7,805	239	8,890	290	9,180
1987	3,851	20	175	6,504	203	10,045	593	10,638
1988	2,556	20	333	8,390	1,254	11,000	1,505	12,505
1989	2,519	20	200	8,689	785	11,154	1,059	12,213
1990	2,247	20	169	10,103	616	12,297	858	13,155
1991	1,511	20	116	4,486	459	5,888	705	6,593
1992	1,693	20	106	4,695	366	6,338	542	6,880
1993	1,787	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	1,308	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	939	20	93	1,933	135	2,885	220	3,105
2000	262	20	NA	3,572	333	3,752	395	4,147
2001	1,366	20	313	2,871	312	3,918	964	4,882
2002 <sup>c/</sup>	2,887	20	NA	2,288	NA	NA	NA	NA
<b>GOAL</b>				2,500 <sup>d/</sup>				

a/ River sport catch of 3-year olds and older.

b/ Includes fish taken for hatchery brood stock.

c/ Preliminary.

d/ 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**. (Page 1 of 1)

Year	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	2,900	NA	100	1,200		100	4,100		300	4,400
1977	1,000	NA	100	1,900		300	2,600		500	3,100
1978	2,400	NA	100	2,700		600	4,100		900	5,000
1979	2,700	100	200	6,800		1,600	8,700		2,100	10,800
1980	3,200	20	200	4,700		2,400	6,000		4,400	10,400
1981	4,200	NA	200	4,800		2,400	6,100		4,500	10,600
1982	1,610	NA	100	7,000		4,500	7,800		5,400	13,200
1983	1,017	20	20	2,282		1,100	2,438		1,800	4,238
1984	1,314	20	20	9,200		4,042	9,748		4,400	14,148
1985	3,782	20	180	4,001		1,228	5,984		2,868	8,852
1986	9,885	20	49	5,160		3,654	5,826		11,441	17,267
1987	12,413	20	140	4,747		2,401	8,892		9,774	18,666
1988	5,400	20	255	4,288	3,897	4,782	4,530	4,462	9,239	18,231
1989	5,900	20	247	4,501	693	1,872	5,416	876	6,821	13,113
1990	8,667	10	514	5,422	1,793	4,123	7,120	3,626	9,512	20,258
1991	10,342	20	709	6,525	d/	4,129	8,574	d/	12,441	21,015
1992	2,049	20	363	6,266	922	1,402	6,999	998	2,923	10,920
1993	3,896	150	367	5,020	2,208	5,938	5,350	2,482	9,663	17,495
1994	1,611	30	18	1,105	95	2,901	1,242	176	4,222	5,640
1995	4,203	30	103	6,181	592	2,385	7,273	794	5,311	13,378
1996	16,035	30	279	8,993	3,574	5,191	10,715	5,319	17,646	33,680
1997	3,087	30	106	1,851	d/	2,137	1,970	d/	5,086	7,056
1998	7,379	30	135	4,102	1,413	3,504	4,576	1,562	10,364	16,502
1999	3,972	300	119	4,791	521	3,551	5,029	557	7,061	12,647
2000	4,984	30	259	7,939	682	3,849	8,285	698	8,782	17,765
2001	13,722	30	NA	22,449	d/	4,443	32,634	0	15,298	47,932
2002 <sup>e/</sup>	23,712	30	NA	23,131	d/	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	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	Total
1976	500	20	100	600	0	1,300	0	1,300
1977	900	20	20	1,000	0	2,000	0	2,000
1978	1,000	100	100	1,400	0	2,472	0	2,472
1979	700	100	100	1,400	0	2,326	0	2,326
1980	100	20	100	800	0	1,079	0	1,079
1981	432	63	20	1,498	22	2,005	47	2,052
1982	569	15	100	1,553	87	2,125	202	2,327
1983	458	36	100	1,696	67	2,233	131	2,364
1984	444	21	300	1,430	50	2,005	139	2,144
1985	336	15	100	978	22	1,353	123	1,476
1986	554	15	138	1,248	0	1,912	43	1,955
1987	676	38	227	1,710	0	2,480	171	2,651
1988	1,008	38	341	2,605	10	3,708	294	4,002
1989	1,735	38	565	4,697	119	6,820	334	7,154
1990	1,387	38	371	3,886	40	5,294	442	5,736
1991	600	13	155	1,078	0	1,693	153	1,846
1992	445	26	84	1,018	0	1,443	167	1,610
1993	509	25	373	1,411	0	2,065	242	2,307
1994	378	20	419	1,699	0	2,372	152	2,524
1995	230	25	397	1,132	0	1,686	68	1,754
1996	471	30	307	1,371	16	2,083	114	2,197
1997	416	57	336	1,826	0	2,582	53	2,635
1998	294	20	307	1,287	0	1,880	28	1,908
1999	155	20	52	928	99	1,081	171	1,252
2000e/	87	38	28	492	0	529	116	645
2001e/	134	39	36	1,159	0	1,231	101	1,332
2002f/	587	37	NA	2,400	NA	3,511	85	3,596
<b>GOAL</b>				<b>900<sup>c/</sup></b>				

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

b/ Includes fish taken for hatchery brood stock.

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

e/ Sport fisheries were closed to retention of wild adult spring/summer chinook through August 1 in 2000 and 2001.

f/ Preliminary WDFW escapement estimate based on spawning ground surveys.

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

Year	Terminal Catch			Escapement		Terminal Run Size		
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery	Total
1976	500	20	45	2,500	0	3,100	0	3,100
1977	1,600	20	40	2,100	0	3,800	0	3,800
1978	800	100	51	1,900	0	2,900	0	2,900
1979	400	20	28	1,700	0	2,200	0	2,200
1980	500	20	21	2,200	0	2,800	0	2,800
1981	800	20	0	3,100	0	4,000	0	4,000
1982	1,200	20	12	4,500	20	5,800	100	5,900
1983	500	20	134	2,500	20	3,300	100	3,400
1984	800	20	118	1,900	20	2,600	100	2,700
1985	946	100	30	1,725	20	2,720	100	2,820
1986	900	20	178	4,981	20	6,000	100	6,100
1987	1,800	20	299	4,006	20	6,147	89	6,236
1988	2,639	20	188	4,128	20	6,873	100	6,973
1989	2,740	50	187	5,148	60	8,682	100	8,782
1990	1,921	50	149	4,236	46	6,327	50	6,377
1991	1,076	15	113	1,420	0	2,611	13	2,624
1992	940	30	181	4,003	0	5,136	18	5,154
1993	1,148	30	399	2,280	0	3,766	91	3,857
1994	687	30	242	3,967	0	4,806	179	4,985
1995	502	30	180	2,202	0	2,898	22	2,920
1996	836	30	151	3,022	0	4,020	19	4,039
1997	1,114	35	159	1,773	0	3,029	52	3,081
1998	846	30	249	4,257	0	5,369	13	5,382
1999	596	30	413	1,924	0	2,941	22	2,963
2000	404	20	357 <sup>c/</sup>	1,749	0	2,510	20	2,530
2001	946	40	597	2,560	0	4,113	120	4,233
2002 <sup>d/</sup>	1,461	30	NA	4,500	225	6,431	542	6,973
GOAL				1,200 <sup>e/</sup>				

a/ River recreational catch of adults (three-year olds and older).

b/ Includes fish taken for hatchery brood stock.

c/ From 1994 through 1998, the Hoh River sport fishery was closed to retention of adult salmon above the Oxbow Campground at RM 15. In 1999 and 2000, the River area open to adult retention was extended upriver from the Oxbow boat ramp to Morgan's Crossing beginning October 16.

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	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	1,800	50	44	2,300	0	4,200	0	4,200
1977	1,000	30	6	2,400	0	3,400	0	3,400
1978	2,800	125	20	2,100	0	5,100	0	5,100
1979	2,900	100	47	5,000	93	8,200	593	8,793
1980	1,300	65	23	1,700	100	2,515	700	3,215
1981	2,073	40	7	1,900	100	3,245	875	4,120
1982	2,000	100	6	3,600	100	5,351	319	5,670
1983	152	10	9	1,735	260	1,810	346	2,156
1984	351	46	9	7,400	0	7,690	116	7,806
1985	3,444	43	79	2,218	0	5,178	606	5,784
1986	2,800	42	385	4,270	0	6,400	795	7,195
1987	3,917	50	239	3,516	46	7,165	557	7,722
1988	350	20	39	2,350	611	2,639	731	3,370
1989	2,350	20	106	3,497	351	5,428	720	6,148
1990	3,119	20	42	2,094	184	4,460	999	5,459
1991	1,254	20	276	4,129	14	5,370	323	5,693
1992	1,420	30	107	4,045	594	5,007	1,189	6,196
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	241	4,710	0	5,419	40	5,459
1996	972	50	102	4,858	0	5,836	146	5,982
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	287	6,772	0	8,838	173	9,011
2001	3,909	40	824	10,773	840	14,839	1,547	16,386
2002 <sup>e/</sup>	3,114	30	NA	NA	NA	NA	NA	NA
GOAL	2,000 to 5,000							

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/ Recreational fishermen were limited to chinook only. Release of adult coho required.

e/ 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	Terminal Catch			Escapement		Terminal Run Size		Total
	Gillnet	Ceremonial & Subsistence	River Sport <sup>a/</sup>	Natural <sup>b/</sup>	Hatchery	Natural	Hatchery <sup>c/</sup>	
1976	2,400	20	800	1,300	1,800	NA	NA	4,970
1977	3,200	20	400	3,800	900	NA	NA	5,393
1978	3,400	20	400	2,300	700	NA	NA	3,891
1979	2,600	20	200	2,100	200	NA	NA	2,545
1980	1,000	20	100	964	400	NA	NA	1,692
1981	1,000	20	100	815	300	NA	NA	1,416
1982	1,700	20	36	1,126	100	NA	NA	1,402
1983	400	20	68	548	200	NA	NA	928
1984	300	20	18	618	400	NA	NA	1,162
1985	100	20	18	550	300	NA	NA	910
1986	400	20	74	853	300	NA	NA	1,336
1987	1,800	20	182	666	1,500	NA	NA	3,608
1988	1,968	20	431	2,599	1,200	3,943	2,275	6,218
1989	2,255	25	277	2,407	1,150	3,472	2,642	6,114
1990	1,730	25	326	1,483	867	1,840	2,591	4,431
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 <sup>d/</sup>	199	50	128	1,599	247	1,829	369	2,198
1999 <sup>d/</sup>	368	50	238	713	596	818	1,147	1,965
2000 <sup>d/</sup>	254	50	307	989	227	1,149	678	1,827
2001 <sup>d/</sup>	330	50	353	1,225	973	1,372	1,559	2,931
2002 <sup>d/e/</sup>	419	50	NA	1,002	836	1,064	1,242	2,306
GOAL				1,200 <sup>f/</sup>				

a/ Recreational catch of adults.

b/ Natural escapement includes 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/ WDFW goal for summer chinook. Includes 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	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	2,300	20	300	2,500	100	4,700	400	5,100
1977	5,400	20	100	3,300	200	7,600	1,400	9,000
1978	1,500	20	300	4,700	300	6,200	500	6,700
1979	2,700	20	200	3,900	100	6,600	200	6,800
1980	1,300	20	200	6,700	20	7,600	700	8,300
1981	1,328	50	109	5,963	127	7,102	428	7,530
1982	2,765	50	97	7,107	76	9,651	330	9,981
1983	2,539	50	120	3,069	83	5,530	296	5,826
1984	1,384	50	124	9,128	80	10,447	330	10,777
1985	2,360	50	204	6,145	20	8,367	142	8,509
1986	2,990	50	651	10,006	94	13,380	257	13,637
1987	7,996	50	386	12,352	172	20,349	453	20,802
1988	6,241	50	949	15,168	171	22,115	502	22,617
1989	7,288	50	458	9,951	108	17,260	586	17,846
1990	2,860	50	377	13,711	14	16,914	98	17,012
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 <sup>d/e/</sup>	1,650	100	673	5,136	0	7,559	0	7,559
2002	3,074	100	NA	6,057	0	9,231	0	9,231
GOAL				3,000 <sup>f/</sup>				

a/ River recreational catch of 3-year olds and older.

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/ 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	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	499	20	43	1,200	1,239	1,477	1,524	3,001
1977	1,304	20	39	1,000	1,847	1,479	2,731	4,210
1978	837	20	137	1,500	1,000	2,096	1,398	3,494
1979	10,563	100	580	1,460	9,720	2,928	19,495	22,423
1980	11,985	120	530	800	9,018	1,830	20,623	22,453
1981	2,104	30	114	800	500	2,183	1,365	3,548
1982	11,712	100	74	900	3,667	3,242	13,211	16,453
1983	391	20	104	784	4,048	868	4,479	5,347
1984	4,022	50	162	1,573	4,519	2,666	7,660	10,326
1985	2,082	50	72	674	986	1,569	2,295	3,864
1986	5,745	50	158	700	8,932	1,133	14,452	15,585
1987	7,520	50	50	600	737	4,020	4,937	8,957
1988	1,404	50	93	900	1,912	1,395	2,964	4,359
1989	797	50	58	950	3,631	1,138	4,348	5,486
1990	554	50	111	465	4,795	528	5,447	5,975
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	598	961	12,993	1,857	14,941	16,798
2002 <sup>e/</sup>	3,982	50	NA	504	3,939	1,578	6,897	8,475
<b>GOAL</b>	<b>Hatchery Production</b>							

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

Year	Terminal Catch <sup>a/</sup>			Escapement		Terminal Run Size		Total
	Gillnet	Ceremonial & Subsistence	River Sport <sup>b/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	Natural <sup>c/</sup>	Hatchery <sup>d/</sup>	
<b>FALL COHO</b>								
1976	8,527	75	109	3,900	391	11,807	1,195	13,002
1977	2,809	30	18	3,526	109	6,296	196	6,492
1978	4,187	45	88	10,344	3,473	13,557	4,580	18,137
1979	7,384	60	101	20,224	4,984	26,257	6,496	32,753
1980	7,018	53	36	7,017	3,220	11,878	5,466	17,344
1981	3,734	50	119	6,268	624	9,807	988	10,795
1982	5,420	48	171	10,400	2,140	15,042	3,137	18,179
1983	674	48	125	2,660	675	3,322	860	4,182
1984	595	50	202	10,508	6,633	11,004	6,984	17,988
1985	8,520	50	203	7,484	438	15,764	931	16,695
1986	6,408	100	534	10,687	1,062	17,055	1,736	18,791
1987	13,849	100	433	11,416	751	23,787	2,762	26,549
1988	2,240	100	165	7,218	2,149	9,132	2,740	11,872
1989	2,492	100	433	8,995	3,591	11,117	4,494	15,611
1990	3,980	100	359	5,512	1,300	9,506	1,745	11,251
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 <sup>f/</sup>	11,009	11,515	14,596	17,783	32,379
1997	456	50	38 <sup>f/</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 <sup>e/g/</sup>	23,991	50	2,620	18,876	23,892	36,714	32,715	69,429
2002 <sup>e/g/</sup>	22,214	50	NA	14,713	30,656	26,189	41,444	67,633
<b>GOAL</b>				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/ Regulations required nonretention of coho.

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

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

Year or Average	Fishery	Chinook	Coho	Pink	Chum	Sockeye
<b>THOUSANDS OF FISH</b>						
1971-1975	Non-Indian	103.9	523.6	1,942.9 <sup>b/</sup>	331.1	2,159.0
	Treaty Indian	<u>54.0</u>	<u>224.7</u>	<u>114.4</u> <sup>b/</sup>	<u>78.2</u>	<u>37.8</u>
	Total	157.9	748.3	2,057.3 <sup>b/</sup>	409.3	2,196.8
1976-1980	Non-Indian	103.5	413.4	2,626.1 <sup>b/</sup>	408.0	1,095.6
	Treaty Indian	<u>126.1</u>	<u>488.5</u>	<u>464.4</u> <sup>b/</sup>	<u>294.9</u>	<u>277.8</u>
	Total	229.6	901.9	3,090.5 <sup>b/</sup>	702.9	1,373.4
1981-1985	Non-Indian	71.1	344.1	1,917.1 <sup>b/</sup>	368.7	924.6
	Treaty Indian	<u>144.4</u>	<u>606.6</u>	<u>1,377.8</u> <sup>b/</sup>	<u>388.0</u>	<u>912.6</u>
	Total	215.5	950.7	3,294.9 <sup>b/</sup>	756.7	1,837.2
1986	Non-Indian	73.5	493.5	0.0	505.7	1,394.0
	Treaty Indian	<u>150.4</u>	<u>863.6</u>	<u>0.1</u>	<u>650.1</u>	<u>1,357.4</u>
	Total	223.9	1,357.1	0.1	1,155.8	2,751.3
1987	Non-Indian	57.3	664.0	963.3	597.3	974.7
	Treaty Indian	<u>155.8</u>	<u>1,118.2</u>	<u>1,106.4</u>	<u>704.3</u>	<u>971.3</u>
	Total	213.1	1,782.2	2,069.8	1,301.6	1,946.1
1988	Non-Indian	50.4	459.8	0.0	706.3	348.0
	Treaty Indian	<u>181.1</u>	<u>777.7</u>	<u>0.1</u>	<u>862.4</u>	<u>501.4</u>
	Total	231.4	1,237.5	0.1	1,568.7	849.4
1989	Non-Indian	54.1	344.4	1,583.9	368.1	1,127.8
	Treaty Indian	<u>199.8</u>	<u>621.1</u>	<u>1,843.8</u>	<u>518.4</u>	<u>1,124.0</u>
	Total	253.9	965.4	3,427.7	886.5	2,251.7
1990	Non-Indian	52.5	390.9	0.0	526.9	982.4
	Treaty Indian	<u>197.7</u>	<u>676.9</u>	<u>0.3</u>	<u>573.6</u>	<u>1,184.4</u>
	Total	250.2	1,067.7	0.3	1,100.5	2,166.7
1991	Non-Indian	21.6	196.4	1,578.4	476.8	983.4
	Treaty Indian	<u>121.6</u>	<u>401.8</u>	<u>1,710.0</u>	<u>545.0</u>	<u>844.7</u>
	Total	143.3	598.2	3,288.5	1,021.8	1,828.1
1992	Non-Indian	19.5	98.9	0.1	617.6	316.1
	Treaty Indian	<u>94.0</u>	<u>300.0</u>	<u>0.1</u>	<u>763.6</u>	<u>292.1</u>
	Total	113.5	398.9	0.2	1,381.2	608.2
1993	Non-Indian	18.1	27.7	974.9	588.6	1,328.5
	Treaty Indian	<u>64.2</u>	<u>162.0</u>	<u>1,117.2</u>	<u>539.4</u>	<u>1,364.5</u>
	Total	82.3	189.7	2,092.1 <sup>c/</sup>	1,128.0	2,693.0
1994	Non-Indian	19.8	20.0		579.9	878.4
	Treaty Indian	<u>61.5</u>	<u>427.8</u>	<u>1.7</u>	<u>772.4</u>	<u>956.1</u>
	Total	81.3	447.8	1.7	1,352.3	1,834.5
1995	Non-Indian	6.7	24.5	1,366.9	373.9	170.6
	Treaty Indian	<u>74.1</u>	<u>278.3</u>	<u>1,340.4</u>	<u>382.0</u>	<u>243.7</u>
	Total	80.8	302.7	2,707.3	755.9	414.3
1996	Non-Indian	9.2	20.0	0.0	530.5	50.5
	Treaty Indian	<u>69.0</u>	<u>145.3</u>	<u>0.0</u>	<u>261.5</u>	<u>286.1</u>
	Total	78.2	165.3	0.0	792.1	336.6
1997	Non-Indian	21.6	9.6	868.9	234.9	681.7
	Treaty Indian	<u>58.0</u>	<u>142.4</u>	<u>985.2</u>	<u>186.3</u>	<u>660.6</u>
	Total	79.6	152.0	1,854.1	421.2	1,342.3
1998	Non-Indian	12.4	12.5	0.4	505.3	229.3
	Treaty Indian	<u>43.6</u>	<u>149.1</u>	<u>0.5</u>	<u>320.1</u>	<u>309.7</u>
	Total	56.0	161.6	0.9	825.4	539.0
1999	Non-Indian	9.2	11.4	1.1	128.3	0.0
	Treaty Indian	<u>77.0</u>	<u>96.9</u>	<u>51.3</u>	<u>110.4</u>	<u>20.0</u>
	Total	86.2	108.2	52.4	238.7	20.1

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

Year or Average	Fishery	Chinook	Coho	Pink	Chum	Sockeye
<b>THOUSANDS OF FISH</b>						
2000	Non-Indian	11.5	21.9	-	139.6	230.4
	Treaty Indian	<u>62.1</u>	<u>371.3</u>	<u>0.3</u>	<u>146.9</u>	<u>314.2</u>
	Total	73.6	393.2	0.3	286.3	544.6
2001	Non-Indian	18.0	31.3	463.1	820.5	85.1
	Treaty Indian	<u>89.3</u>	<u>329.5</u>	<u>317.8</u>	<u>647.0</u>	<u>167.9</u>
	Total	107.3	360.8	780.9	1,467.5	253.0
2002	Non-Indian	17.6	24.2	0.0	1,111.4	142.0
	Treaty Indian	<u>68.4</u>	<u>262.9</u>	<u>0.2</u>	<u>651.6</u>	<u>266.9</u>
	Total	86.0	287.1	0.2	1,763.0	408.9

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

b/ Odd-year average.

c/ Fewer than 50 fish.

d/ Preliminary from soft data.

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

Year or Average	Chinook	Coho	Pink
<b>THOUSANDS OF FISH</b>			
1971-1975	225.6	119.3	14.8 <sup>b/</sup>
1976	307.2	223.9	0.2
1977	196.1	177.3	24.4
1978	228.7	223.6	0.1
1979	285.7	258.2	69.6
1980	244.5	118.2	0.2
1981	164.4	177.4	25.5
1982	120.2	209.7	0.0
1983	194.5	274.1	16.5
1984	174.6	140.7	0.1
1985	147.3	186.2	28.0
1986	170.0	261.0	0.0
1987 <sup>c/</sup>	102.9	247.5	30.9
1988 <sup>c/</sup>	108.3	195.0	d/
1989 <sup>c/</sup>	135.7	220.6	48.8
1990 <sup>c/</sup>	125.5	317.2	d/
1991 <sup>c/</sup>	90.6	252.4	44.9
1992 <sup>c/</sup>	97.7	189.4	0.4
1993 <sup>c/</sup>	80.2	136.0	67.6
1994	48.2	31.7	d/
1995	67.7	74.3	100.5
1996	70.7	85.4	d/
1997	58.5	130.2	28.5
1998	26.1	89.5	0.2
1999	28.7	22.1	23.8
2000 <sup>e/</sup>	23.9	71.9	0.0
2001 <sup>e/</sup>	47.7	191.3	117.4
2002 <sup>e/</sup>	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 years only.

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

d/ Fewer than 50 fish.

e/ Preliminary.

TABLE B-40. Puget Sound 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	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>ALL CHINOOK (thousands)</b>									
<u>Strait of Juan de Fuca</u>									
1981	0.0	0.1	0.2	0.4	0.9	1.3	0.5	1.0	1.5
1982	0.1	0.3	0.4	0.9	2.2	3.1	1.0	2.5	3.5
1983	0.1	0.1	0.2	0.7	1.6	2.3	0.8	1.7	2.5
1984	0.1	0.0	0.1	1.4	1.1	2.5	1.4	1.1	2.6
1985	0.0	0.1	0.1	0.6	1.5	2.1	0.6	1.5	2.2
1986	0.1	0.2	0.2	1.3	2.7	4.0	1.4	2.8	4.2
1987	0.1	0.5	0.6	1.3	5.2	6.5	1.4	5.7	7.1
1988	0.3	0.9	1.2	2.1	6.6	8.7	2.4	7.5	9.9
1989	0.1	0.3	0.3	1.1	5.2	6.3	1.2	5.5	6.7
1990	0.1	0.4	0.5	0.6	3.1	3.7	0.7	3.5	4.1
1991	0.1	0.3	0.4	1.0	3.5	4.5	1.1	3.8	4.9
1992	0.0	0.2	0.2	0.1	4.5	4.6	0.1	4.7	4.8
1993	0.0	0.1	0.1	0.2	2.3	2.5	0.2	2.4	2.6
1994	0.0	0.1	0.1	0.4	1.6	2.0	0.4	1.7	2.1
1995	0.0	0.0	0.0	0.1	2.8	2.9	0.1	2.8	2.9
1996	0.0	d/	d/	0.2	3.1	3.3	0.2	3.1	3.3
1997	0.0	0.0	0.0	0.3	3.4	3.7	0.3	3.5	3.8
1998	0.0	0.0	0.0	1.7	1.9	3.6	1.7	1.9	3.6
1999	0.0	0.0	0.0	0.7	2.7	3.4	0.7	2.7	3.4
2000	0.0	0.0	0.0	1.2	1.7	2.9	1.2	1.7	2.9
2001 <sup>e/</sup>	0.0	0.0	0.0	1.2	2.5	3.6	1.2	2.5	3.6
2002 <sup>e/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						5.3			
<u>Nooksack-Samish</u>									
1981	48.1	28.2	76.3	10.2	3.6	13.8	58.4	31.7	90.1
1982	54.6	36.1	90.7	15.0	5.6	20.6	69.6	41.7	111.3
1983	33.0	22.3	55.3	19.7	7.4	27.1	52.8	29.7	82.4
1984	69.7	33.7	103.4	18.8	9.6	28.4	88.5	43.2	131.7
1985	64.4	47.5	111.9	16.7	6.5	23.2	81.1	54.0	135.1
1986	50.3	42.9	93.2	10.7	5.3	16.0	60.9	48.3	109.2
1987	31.4	23.2	54.6	5.8	2.7	8.6	37.2	26.0	63.2
1988	19.4	19.6	39.0	5.2	2.7	8.0	24.7	22.4	47.0
1989	43.7	9.1	52.7	18.0	1.9	20.0	61.7	11.0	72.7
1990	45.5	36.5	81.9	13.9	7.9	21.8	59.4	44.4	103.7
1991	27.1	3.3	30.4	9.6	0.7	10.3	36.7	4.0	40.7
1992	15.9	1.6	17.6	8.4	0.5	9.0	24.3	2.2	26.5
1993	18.2	1.6	19.9	12.1	1.0	13.1	30.3	2.6	32.9
1994	18.2	2.6	20.8	6.4	0.9	7.3	24.6	3.6	28.1
1995	12.5	1.2	13.7	8.1	0.5	8.6	20.6	1.7	22.3
1996	17.5	1.9	19.4	9.0	0.9	10.0	26.6	2.9	29.4
1997	14.7	7.0	21.8	8.0	4.3	12.4	22.8	11.4	34.2
1998	13.4	7.9	21.2	5.1	3.1	8.3	18.5	11.0	29.5
1999	32.6	0.0	32.6	8.3	0.0	8.3	40.9	0.0	40.9
2000	28.3	0.0	28.3	5.2	0.0	5.2	38.5	0.0	33.5
2001 <sup>e/</sup>	48.9	0.0	48.9	15.0	0.0	15.0	63.9	0.0	63.9
2002 <sup>e/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						8.7			

TABLE B-40. Puget Sound 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	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>ALL CHINOOK (thousands)</b>									
<b>Skagit</b>									
1981	0.7	13.1	13.7	0.4	8.7	9.1	1.1	21.7	22.8
1982	1.1	13.7	14.8	0.8	10.4	11.3	2.0	24.1	26.1
1983	0.6	6.7	7.3	0.8	9.1	9.9	1.4	15.8	17.2
1984	0.3	2.8	3.1	1.6	13.2	14.8	1.9	16.0	17.9
1985	0.1	9.7	9.9	0.2	16.3	16.5	0.4	26.0	26.4
1986	0.2	4.5	4.7	0.8	18.1	18.9	1.0	22.6	23.6
1987	0.1	4.0	4.1	0.3	9.6	10.0	0.4	13.6	14.0
1988	0.4	3.4	3.8	1.3	12.0	13.2	1.7	15.3	17.0
1989	0.4	6.3	6.6	0.4	6.8	7.2	0.8	13.0	13.8
1990	0.2	2.2	2.3	1.3	17.2	18.5	1.5	19.4	20.8
1991	0.4	2.6	2.9	0.9	6.0	6.9	1.3	8.6	9.9
1992	0.5	1.6	2.1	2.2	7.7	9.9	2.7	9.3	12.0
1993	0.2	1.0	1.2	1.2	5.9	7.1	1.4	7.0	8.3
1994	0.3	0.4	0.7	4.0	6.2	10.3	4.3	6.6	10.9
1995	0.8	2.4	3.2	2.5	7.2	9.6	3.3	9.6	12.9
1996	d/	0.2	0.2	1.2	12.0	13.2	1.2	12.2	13.5
1997	0.0	1.2	1.2	0.0	5.0	5.0	0.0	6.2	6.2
1998	0.0	0.3	0.3	0.1	14.6	14.7	0.1	14.9	15.0
1999	0.0	0.3	0.3	0.0	4.9	4.9	0.0	5.2	5.2
2000 <sup>e/</sup>	0.0	0.3	0.3	0.2	16.9	17.1	0.2	17.2	17.4
2001 <sup>e/</sup>	0.0	0.3	0.3	0.1	13.8	13.9	0.1	14.1	14.1
2002 <sup>e/</sup>	NA	NA	NA	NA	19.6	NA	NA	NA	NA
<b>GOAL</b>					<b>14.9</b>				
<b>Hood Canal</b>									
1981	8.4	2.3	10.6	3.0	0.3	3.2	11.3	2.6	13.9
1982	3.5	2.5	6.0	5.0	0.4	5.4	8.5	2.9	11.4
1983	1.8	2.7	4.6	2.0	1.8	3.8	3.8	4.5	8.3
1984	5.7	4.3	10.0	4.8	2.5	7.3	10.5	6.8	17.2
1985	5.1	6.4	11.6	4.2	5.2	9.5	9.4	11.7	21.0
1986	8.8	6.5	15.4	4.7	2.8	7.5	13.6	9.3	22.9
1987	12.1	6.3	18.4	6.6	2.3	8.8	18.7	8.6	27.3
1988	11.8	4.8	16.6	10.3	2.9	13.2	22.1	7.7	29.8
1989	12.9	5.1	18.0	6.1	1.4	7.5	19.0	6.5	25.5
1990	6.9	1.9	8.7	3.4	0.7	4.1	10.3	2.6	12.9
1991	8.0	3.8	11.8	5.6	1.8	7.5	13.6	5.6	19.2
1992	0.3	0.6	0.8	1.2	0.9	2.2	1.5	1.5	3.0
1993	0.6	0.5	1.0	2.6	1.2	3.8	3.2	1.6	4.8
1994	0.2	0.2	0.4	2.4	1.1	3.4	2.6	1.3	3.8
1995	0.2	0.0	0.2	7.2	2.0	9.2	7.4	2.0	9.4
1996	d/	d/	d/	7.1	1.0	8.1	7.1	1.0	8.2
1997	0.1	0.0	0.1	7.3	0.5	7.8	7.4	0.5	7.9
1998	1.0	0.1	1.1	13.4	1.8	15.2	14.4	1.9	16.3
1999	7.2	0.9	8.2	18.4	3.0	21.4	25.6	3.9	29.6
2000 <sup>e/</sup>	13.7	0.3	14.0	8.8	1.5	10.3	18.6	2.7	21.3
2001 <sup>e/</sup>	3.0	0.5	3.5	13.5	2.3	15.8	16.5	2.8	19.3
2002 <sup>e/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>GOAL</b>					<b>3.4</b>				

TABLE B-40. Puget Sound 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	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>ALL CHINOOK (thousands)</b>									
<u>Stillaguamish-Snohomish</u>									
1981	8.5	8.8	17.3	3.7	4.0	7.7	12.2	12.8	25.0
1982	2.9	7.2	10.2	2.3	5.2	7.5	5.3	12.4	17.6
1983	2.6	7.1	9.6	1.2	4.9	6.1	3.7	12.0	15.7
1984	3.3	5.6	8.9	1.4	4.1	5.5	4.7	9.7	14.4
1985	2.1	5.8	7.9	1.4	6.3	7.7	3.5	12.1	15.6
1986	5.5	5.4	10.9	0.9	5.8	6.7	6.4	11.2	17.6
1987	1.3	2.9	4.3	1.2	6.0	7.2	2.5	8.9	11.5
1988	2.6	3.7	6.3	1.1	5.2	6.4	3.7	9.0	12.7
1989	4.4	4.0	8.4	1.5	3.9	5.4	5.9	7.9	13.8
1990	3.1	5.1	8.2	1.0	5.1	6.0	4.1	10.2	14.3
1991	2.6	3.6	6.2	0.6	4.4	5.0	3.1	8.0	11.1
1992	1.8	2.2	3.9	1.0	3.5	4.5	2.7	5.7	8.4
1993	2.2	2.1	4.3	1.9	4.9	6.9	4.1	7.0	11.2
1994	3.3	1.7	5.0	3.9	4.6	8.5	7.2	6.3	13.5
1995	6.2	2.8	9.0	3.9	4.5	8.4	10.1	7.3	17.4
1996	7.5	4.0	11.5	5.7	6.2	11.9	13.1	10.2	23.4
1997	8.7	0.1	8.8	2.6	5.5	8.1	11.3	5.6	16.9
1998	7.2	0.1	7.3	1.1	7.9	9.0	8.3	7.9	16.2
1999	15.2	0.0	15.2	1.6	5.9	7.5	16.8	5.9	22.7
2000	8.4	0.1	8.5	1.5	7.7	9.2	9.9	7.8	17.7
2001 <sup>e/</sup>	5.1	0.3	5.4	0.7	9.5	10.2	5.8	9.8	15.6
2002 <sup>e/</sup>	NA	NA	NA	NA	8.8	NA	NA	NA	NA
<b>GOAL</b>					<b>7.3</b>				
<u>South Puget Sound</u>									
1981	23.9	4.6	28.5	26.1	8.6	34.7	50.0	13.2	63.2
1982	14.1	7.2	21.3	19.1	8.8	27.8	33.2	16.0	49.2
1983	24.2	18.7	42.9	21.8	11.3	33.1	45.9	30.1	76.0
1984	28.8	13.7	42.5	27.8	11.9	39.7	56.5	25.7	82.2
1985	24.7	11.9	36.6	22.0	10.3	32.3	46.6	22.3	68.9
1986	15.1	9.7	24.8	23.8	13.2	37.0	38.8	22.9	61.8
1987	18.9	22.3	41.2	29.7	23.3	53.0	48.7	45.6	94.2
1988	23.4	27.6	51.0	26.9	18.6	45.6	50.3	46.2	96.5
1989	25.0	24.6	49.5	47.4	24.9	72.3	72.4	49.5	121.9
1990	31.7	30.6	62.3	40.3	28.1	68.4	72.0	58.8	130.8
1991	17.0	14.1	31.1	22.4	17.7	40.0	39.4	31.8	71.1
1992	16.3	12.1	28.5	18.3	12.8	31.1	34.6	24.9	59.5
1993	16.3	10.4	26.7	20.4	9.4	29.8	36.8	19.8	56.5
1994	20.0	16.0	35.9	28.9	14.0	42.9	48.9	29.9	78.8
1995	23.5	14.3	37.8	51.0	20.2	71.2	74.5	34.5	109.0
1996	18.8	11.4	30.2	39.5	24.3	63.8	58.3	35.8	94.1
1997	10.2	4.3	14.5	36.3	16.3	52.7	46.5	20.6	67.1
1998	11.7	7.1	18.7	42.5	20.2	62.7	54.5	27.7	82.2
1999	18.2	8.2	26.4	66.1	14.0	80.1	83.6	17.0	100.6
2000	7.9	3.1	11.0	38.7	9.1	47.8	49.4	13.9	63.3
2001 <sup>e/</sup>	26.9	8.0	34.9	56.9	12.2	69.1	83.8	20.2	104.0
2002 <sup>e/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>GOAL</b>					<b>34.9</b>				

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

b/ 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.

c/ Includes estimated off-station returns.

d/ Fewer than 50.

e/ Preliminary.

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	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>COHO (thousands)</b>									
<u>Strait of Juan de Fuca</u>									
1981	11.7	1.5	13.2	16.0	3.2	19.2	27.7	4.7	32.4
1982	37.7	11.0	48.7	11.5	10.1	21.6	49.2	21.1	70.3
1983	20.7	2.7	23.4	6.7	4.4	11.1	27.4	7.1	34.5
1984	6.1	0.8	6.9	3.6	5.3	8.9	9.7	6.1	15.8
1985	10.9	1.1	12.0	7.1	2.6	9.7	18.0	3.7	21.7
1986	5.9	3.4	9.3	4.4	10.3	14.7	10.3	13.7	24.0
1987	10.2	4.8	15.0	2.7	5.8	8.5	12.9	10.6	23.5
1988	3.9	1.3	5.2	2.4	4.2	6.6	6.3	5.5	11.8
1989	7.0	2.1	9.1	2.5	6.6	9.1	9.5	8.7	18.2
1990	4.3	1.3	5.6	2.7	3.3	6.0	7.0	4.6	11.6
1991	2.7	1.0	3.7	2.7	4.1	6.8	5.4	5.1	10.5
1992	2.4	0.3	2.7	3.5	6.1	9.6	5.9	6.4	12.3
1993	0.3	0.1	0.4	4.0	3.3	7.3	4.3	3.4	7.7
1994	1.4	0.3	1.7	2.3	2.4	4.7	3.7	2.7	6.4
1995	1.0	2.3	3.3	7.2	5.7	12.9	8.2	8.0	16.2
1996	4.3	0.1	4.4	7.5	2.4	9.9	11.8	2.5	14.3
1997 <sup>d/</sup>	1.0	0.1	1.1	13.9	5.4	19.3	14.9	5.5	20.4
1998 <sup>d/</sup>	7.6	0.0	7.6	6.1	17.1	23.2	13.7	17.1	30.8
1999 <sup>d/</sup>	5.6	0.0	5.6	6.3	9.3	15.6	11.9	9.3	21.2
2000 <sup>d/</sup>	12.3	0.3	12.6	19.2	19.0	38.2	31.5	19.3	50.8
2001 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						14.8			
<u>Nooksack-Samish</u>									
1981	91.4	14.1	105.5	34.3	7.5	41.8	125.7	21.6	147.3
1982	160.4	15.3	175.7	22.0	4.4	26.4	182.4	19.7	202.1
1983	133.7	26.2	159.9	15.2	8.9	24.1	148.9	35.1	184.0
1984	118.9	18.9	137.8	18.6	9.5	28.1	137.5	28.4	165.9
1985	150.4	20.0	170.4	32.0	5.7	37.7	182.4	25.7	208.1
1986	172.3	17.6	189.9	22.0	6.7	28.7	194.3	24.3	218.6
1987	187.0	49.4	236.4	33.3	12.6	45.9	220.3	62.0	282.3
1988	158.0	15.4	173.4	21.2	6.9	28.1	179.2	22.3	201.5
1989	106.0	12.6	118.6	15.8	3.6	19.4	121.8	16.2	138.0
1990	111.0	19.1	130.1	13.1	7.3	20.4	124.1	26.4	150.5
1991	51.9	18.8	70.7	9.7	11.5	21.2	61.6	30.3	91.9
1992	61.5	9.4	70.9	19.6	8.4	28.0	81.1	17.8	98.9
1993	40.5	15.7	56.2	23.0	10.8	33.8	63.5	26.5	90.0
1994	43.9	20.5	64.4	12.1	13.8	25.9	56.0	34.3	90.3
1995	44.5	11.7	56.2	12.0	7.1	19.1	56.5	18.8	75.3
1996	51.0	1.6	52.6	38.2	2.0	40.2	89.2	3.6	92.8
1997 <sup>d/</sup>	13.0	2.4	15.4	34.4	6.7	41.1	47.4	9.1	56.5
1998 <sup>d/</sup>	22.0	4.2	26.2	21.5	10.3	31.8	43.5	14.5	58.0
1999 <sup>d/</sup>	44.4	8.2	52.6	41.9	8.0	49.9	86.3	16.2	102.5
2000 <sup>d/</sup>	60.2	11.4	71.6	49.4	8.8	58.2	109.6	20.2	129.8
2001 <sup>d/</sup>	NA	NA	NA	50.1	9.2	59.3	115.1	21.9	137.0
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL						17.9			

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

Year	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>COHO (thousands)</b>									
<u>Skagit</u>									
1981	18.1	6.4	24.5	42.1	15.0	57.1	60.2	21.4	81.6
1982	12.0	23.0	35.0	4.7	9.0	13.7	16.7	32.0	48.7
1983	4.9	11.1	16.0	10.6	24.0	34.6	15.5	35.1	50.6
1984	5.6	4.2	9.8	44.1	33.0	77.1	49.7	37.2	86.9
1985	5.3	13.3	18.6	7.2	18.0	25.2	12.5	31.3	43.8
1986	9.8	28.4	38.2	15.4	45.0	60.4	25.2	73.4	98.6
1987	7.5	8.2	15.7	30.0	33.0	63.0	37.5	41.2	78.7
1988	5.9	10.9	16.8	10.3	19.0	29.3	16.2	29.9	46.1
1989	4.2	10.6	14.8	6.8	17.0	23.8	11.0	27.6	38.6
1990	4.9	10.9	15.8	6.7	15.0	21.7	11.6	25.9	37.5
1991	1.8	4.0	5.8	3.5	7.8	11.3	5.3	11.8	17.1
1992	3.1	2.0	5.1	11.6	7.5	19.1	14.7	9.5	24.2
1993	0.7	1.1	1.8	8.8	13.4	22.2	9.5	14.5	24.0
1994	1.2	1.4	2.6	24.9	29.1	54.0	26.1	30.5	56.6
1995	1.4	2.8	4.2	6.6	13.4	20.0	8.0	16.2	24.2
1996	0.7	0.4	1.1	18.0	8.3	26.3	18.7	8.7	27.4
1997 <sup>d/</sup>	2.4	7.6	10.0	3.4	32.6	36.0 <sup>e/</sup>	5.8	40.2	46.0
1998 <sup>d/</sup>	1.4	12.3	13.7	11.0	73.6	84.6	12.4	85.9	98.3
1999 <sup>d/</sup>	0.7	8.6	9.3	2.7	28.6	31.3	3.4	37.2	40.6
2000 <sup>d/</sup>	2.6	13.3	15.9	11.4	63.7	75.1	14.0	77.0	91.0
2001 <sup>d/</sup>	NA	NA	NA	11.8	92.0	103.8	13.4	113.6	127.0
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					30.0				
<u>Hood Canal</u>									
1981	29.9	13.2	43.1	36.6	23.8	60.4	66.5	37.0	103.5
1982	59.2	41.2	100.4	13.8	28.3	42.1	73.0	69.5	142.5
1983	38.2	23.2	61.4	11.3	13.9	25.2	49.5	37.1	86.6
1984	41.5	20.5	62.0	25.4	37.0	62.4	66.9	57.5	124.4
1985	33.7	23.6	57.3	8.0	14.9	22.9	41.7	38.5	80.2
1986	72.8	42.3	115.1	24.8	39.9	64.7	97.6	82.2	179.8
1987	79.1	53.7	132.8	10.1	18.0	28.1	89.2	71.7	160.9
1988	9.2	3.9	13.1	9.5	11.6	21.1	18.7	15.5	34.2
1989	29.1	10.2	39.3	18.6	15.3	33.9	47.7	25.5	73.2
1990	35.9	7.4	43.3	10.5	6.8	17.3	46.4	14.2	60.6
1991	21.6	2.8	24.4	6.4	12.5	18.9	28.0	15.3	43.3
1992	3.7	0.7	4.4	5.4	19.2	24.6	9.1	19.9	29.0
1993	3.2	0.8	4.0	12.3	15.9	28.2	15.5	16.7	32.2
1994	31.5	0.9	32.4	24.8	56.1	80.9	56.3	57.0	113.3
1995	9.5	0.8	10.3	25.2	40.3	65.5	34.7	41.1	75.8
1996	4.2	0.2	4.4	27.3	37.1	64.4	31.5	37.3	68.8
1997 <sup>d/</sup>	7.1	4.0	11.1	37.4	95.8	133.2	44.5	99.8	144.3
1998 <sup>d/</sup>	3.5	21.3	24.8	13.8	101.1	114.9	17.3	122.4	139.7
1999 <sup>d/</sup>	4.3	2.0	6.3	14.1	16.6	30.7	18.4	18.6	37.0
2000 <sup>d/</sup>	13.4	12.8	26.2	24.9	27.3	52.2	38.3	40.1	78.4
2001 <sup>d/</sup>	NA	NA	NA	40.2	94.7	134.9	43.9	100.1	144.0
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					21.5				

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

Year	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>COHO (thousands)</b>									
<u>Stillaguamish-Snohomish</u>									
1981	38.6	64.8	103.4	11.9	46.0	57.9	50.5	110.8	161.3
1982	19.9	41.8	61.7	3.7	65.0	68.7	23.6	106.8	130.4
1983	9.2	54.6	63.8	9.0	160.0	169.0	18.2	214.6	232.8
1984	9.7	35.6	45.3	25.9	89.0	114.9	35.6	124.6	160.2
1985	34.8	85.7	120.5	14.2	80.0	94.2	49.0	165.7	214.7
1986	36.3	113.6	149.9	26.2	140.0	166.2	62.5	253.6	316.1
1987	93.4	126.5	219.9	34.0	105.0	139.0	127.4	231.5	358.9
1988	51.0	74.3	125.3	25.0	96.0	121.0	76.0	170.3	246.3
1989	55.5	67.5	123.0	25.5	99.0	124.5	81.0	166.5	247.5
1990	73.2	92.3	165.5	20.0	112.0	132.0	93.2	204.3	297.5
1991	60.3	56.3	116.6	19.2	45.0	64.2	79.5	101.3	180.8
1992	42.8	36.8	79.6	26.4	97.5	123.9	69.2	134.3	203.5
1993	23.7	10.9	34.6	15.2	62.8	78.0	38.9	73.7	112.6
1994	48.1	32.7	80.8	24.8	182.6	207.4	72.9	215.3	288.2
1995	34.0	15.6	49.6	32.3	109.7	142.0	66.3	125.3	191.6
1996	23.5	7.3	30.8	23.6	59.2	82.8	47.1	66.5	113.6
1997 <sup>d/</sup>	15.8	17.8	33.6	25.2	69.1	94.3	41.0	86.9	127.9
1998 <sup>d/</sup>	16.1	19.2	35.3	18.9	177.3	196.2	35.0	196.5	231.5
1999 <sup>d/</sup>	17.2	6.5	23.7	11.8	68.3	80.1	29.0	74.8	103.8
2000 <sup>d/</sup>	20.3	81.5	101.8	31.3	122.5	153.8	51.6	204.0	255.6
2001 <sup>d/</sup>	NA	NA	NA	56.8	334.6	391.4	119.2	357.6	476.8
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					87.0				
<u>South Puget Sound</u>									
1981	245.1	65.0	310.1	73.3	34.0	107.3	318.4	99.0	417.4
1982	419.2	160.5	579.7	87.4	51.2	138.6	506.6	211.7	718.3
1983	401.3	132.3	533.6	93.5	31.1	124.6	494.8	163.4	658.2
1984	367.3	138.9	506.2	80.0	37.4	117.4	447.3	176.3	623.6
1985	341.0	277.7	618.7	48.6	39.6	88.2	389.6	317.3	706.9
1986	547.8	180.2	728.0	72.0	26.9	98.9	619.8	207.1	826.9
1987	706.0	359.4	1065.4	85.2	42.6	127.8	791.2	402.0	1193.2
1988	553.4	267.0	820.4	80.6	37.4	118.0	634.0	304.4	938.4
1989	421.3	110.8	532.1	57.3	14.5	71.8	478.6	125.3	603.9
1990	410.0	205.1	615.1	50.8	27.0	77.8	460.8	232.1	692.9
1991	223.0	78.1	301.1	54.7	15.0	69.7	277.7	93.1	370.8
1992	162.1	51.5	213.6	102.7	16.0	118.7	264.8	67.5	332.3
1993	66.6	9.4	76.0	101.2	18.4	119.6	167.8	27.8	195.6
1994	168.6	102.1	270.7	122.9	39.0	161.9	291.5	141.1	432.6
1995	115.6	50.6	166.2	103.5	32.4	135.9	219.1	83.0	302.1
1996	56.4	13.6	70.0	107.5	22.0	129.5	163.9	35.6	199.5
1997 <sup>d/</sup>	111.4	3.0	114.4	62.1	38.2	100.3	173.5	41.2	214.7
1998 <sup>d/</sup>	70.5	11.5	82.0	33.6	18.1	51.7	104.1	29.6	133.7
1999 <sup>d/</sup>	19.0	7.2	26.2	26.7	10.0	36.7	45.7	17.2	62.9
2000 <sup>d/</sup>	174.7	25.6	200.3	136.4	53.0	189.4	311.1	78.6	389.7
2001 <sup>d/</sup>	NA	NA	NA	124.3	38.2	162.5	NA	NA	NA
2002 <sup>d/</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOAL					52.0				

a/ Includes treaty Indian and non-Indian net commercial catches during the adult accounting period. Source: Preliminary estimates of 1998 Puget Sound coho escapements, Aug. 24, 1999 Bill Tweit.

b/ 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.

c/ Includes estimated off-station returns.

d/ Preliminary.

e/ Calculated using different method than 1981-1996 estimates.

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 2)

Year	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>PINK (thousands)</b>									
<u>Strait of Juan de Fuca</u>									
1981	0.0	1.7	1.7	0.0	3.1	3.1	0.0	4.8	4.8
1983	0.0	1.1	1.1	0.0	5.1	5.1	0.0	6.2	6.2
1985	0.0	3.5	3.5	0.0	4.8	4.8	0.0	8.3	8.3
1987	0.1	2.4	2.5	0.0	2.0	2.0	0.1	4.3	4.4
1989	0.0	12.3	12.3	0.0	10.9	10.9	0.0	23.3	23.3
1991	0.0	32.1	32.1	0.0	9.9	9.9	0.0	42.0	42.0
1993	0.0	0.1	0.1	0.0	1.7	1.7	0.0	1.8	1.8
1995	0.1	0.2	0.3	0.0	8.3	8.3	0.1	8.5	8.6
1997	0.0	0.5	0.6	0.1	5.0	5.0	0.1	5.5	5.6
1999	0.0	0.0	0.0	0.0	7.3	7.3	0.0	7.3	7.3
2001 <sup>d/</sup>	0.0	0.4	0.4	0.5	80.9	81.4	0.5	81.4	81.8
GOAL	Not Agreed Upon								
<u>Nooksack-Samish</u>									
1981	0.0	35.3	35.3	0.0	15.0	15.0	0.0	50.3	50.3
1983	0.0	25.8	25.8	0.0	60.0	60.0	0.0	85.8	85.8
1985	0.0	27.1	27.1	0.0	23.0	23.0	0.0	50.1	50.1
1987	0.0	49.9	49.9	0.0	36.6	36.6	0.0	86.5	86.5
1989	1.6	179.7	181.3	1.2	137.6	138.8	2.8	317.3	320.1
1991	0.0	93.5	93.5	0.0	24.0	24.0	0.0	117.5	117.5
1993	0.0	0.0	0.0	0.0	56.5	56.5	0.0	56.0	56.0
1995	0.0	13.5	13.5	0.0	207.1	207.1	0.6	220.6	220.6
1997	0.0	4.2	4.2	0.0	26.0	26.0	0.0	30.2	30.2
1999	0.0	2.5	2.5	0.0	95.0	95.0	0.0	97.5	97.5
2001 <sup>d/</sup>	0.0	13.4	13.4	0.0	226.0	226.0	0.0	239.4	239.4
GOAL	50.0								
<u>Skagit</u>									
1981	0.4	133.4	133.7	0.3	100.0	100.3	0.6	233.4	234.0
1983	0.0	8.0	8.0	0.1	470.0	470.1	0.1	478.0	478.2
1985	0.0	224.2	224.2	0.0	710.0	710.0	0.0	934.2	934.2
1987	0.9	351.3	352.2	1.5	592.0	593.5	2.4	943.3	945.7
1989	0.0	575.0	575.0	0.0	401.3	401.3	0.0	976.3	976.3
1991	0.0	144.7	144.7	0.0	351.0	351.0	0.0	495.7	495.7
1993	0.0	180.1	180.1	0.0	530.0	530.0	0.0	710.1	710.1
1995	0.0	899.2	899.2	0.0	527.4	527.4	0.0	1,384.4	1,426.6
1997	0.0	57.7	57.7	0.0	60.0	60.0	0.0	117.7	117.7
1999	0.0	32.6	32.6	0.0	320.0	320.0	0.0	352.6	352.6
2001 <sup>d/</sup>	0.0	204.1	204.1	0.0	894.1	894.1	0.0	1,098.2	1,098.2
GOAL	330.0								

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 2)

Year	Commercial Net Catches			Spawning Escapement			Puget Sound Run Size <sup>b/</sup>		
	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total	Hatchery <sup>c/</sup>	Wild	Total
<b>PINK (thousands)</b>									
<u>Hood Canal</u>									
1981	0.2	0.6	0.9	1.6	6.6	8.1	1.8	7.2	9.0
1983	0.0	0.2	0.3	0.5	25.2	25.7	0.5	25.4	26.0
1985	0.1	2.4	2.6	1.5	64.1	65.6	1.6	66.5	68.1
1987	1.2	2.2	3.4	8.1	62.2	70.3	9.2	64.4	73.6
1989	7.0	19.8	26.8	2.5	61.0	63.5	9.5	80.8	90.3
1991	0.8	1.5	2.3	3.3	118.5	121.8	4.1	119.9	124.0
1993	0.6	2.2	2.8	11.5	35.4	46.9	12.1	37.6	47.0
1995	1.6	1.0	2.6	24.6	31.3	55.9	26.2	32.3	58.5
1997	2.3	0.9	3.2	21.5	8.4	29.9	23.8	9.3	33.1
1999	0.0	0.0	0.0	7.6	9.5	17.1	7.6	9.5	17.1
2001 <sup>d/</sup>	0.6	0.5	1.0	71.5	96.7	168.2	72.1	97.1	169.2
GOAL	Not Agreed Upon								
<u>Stillaguamish-Snohomish</u>									
1981	0.0	38.7	38.7	0.1	108.0	108.1	0.1	146.7	146.8
1983	0.0	48.9	48.9	0.3	324.1	324.4	0.3	373.0	373.3
1985	0.1	170.8	171.0	0.2	502.0	502.2	0.3	672.8	673.2
1987	0.7	84.9	85.6	0.4	271.0	271.4	1.1	355.9	357.0
1989	0.0	313.9	313.9	0.0	150.5	150.5	0.0	464.4	464.5
1991	0.1	50.6	50.7	0.4	260.0	260.4	0.5	310.6	311.2
1993	7.0	2.9	9.9	0.1	210.0	210.1	7.1	212.9	220.0
1995	47.5	16.4	63.9	0.0	309.6	309.6	47.5	326.0	373.5
1997	35.0	24.2	59.2	0.0	192.1	192.1	35.0	216.3	251.3
1999	10.9	2.5	13.4	0.0	461.5	461.5	10.9	464.1	475.0
2001 <sup>d/</sup>	3.8	91.9	95.8	0.0	1,847.6	1,847.6	3.8	1,939.6	1,943.4
GOAL - Stillaguamish	155.0								
GOAL - Snohomish	120.0								
<u>South Puget Sound</u>									
1981	2.6	18.6	21.1	0.8	12.1	12.9	3.4	30.7	34.0
1983	0.6	15.3	15.9	0.1	12.2	12.3	0.8	27.5	28.3
1985	0.2	34.0	34.2	0.0	34.7	34.7	0.2	68.7	68.9
1987	0.0	64.1	64.1	0.0	42.2	42.2	0.0	106.3	106.3
1989	1.3	129.9	131.2	0.5	62.0	62.4	1.7	191.8	193.6
1991	2.4	64.8	67.2	0.3	16.0	16.3	2.7	80.8	83.5
1993 <sup>e/</sup>	0.1	2.3	2.4	0.0	10.6	10.6	0.1	12.9	13.0
1995	0.0	5.5	5.5	0.1	17.9	18.0	0.1	23.4	23.5
1997	0.0	0.4	0.4	0.0	3.0	3.0	0.0	3.4	3.4
1999	0.0	0.1	0.1	0.0	4.7	4.7	0.0	4.7	4.8
2001 <sup>d/</sup>	0.0	0.7	0.7	0.0	16.2	16.2	0.1	16.9	16.9
GOAL	25.0								

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

b/ 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.

c/ Includes estimated off-station returns.

d/ Preliminary.

e/ Nisqually escapement estimate incomplete in 1993.

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

Year	Stock						
	Skagit Hatchery	Skagit Natural	NF Nooksack Natural <sup>a/</sup>	NF Nooksack Hatchery	SF Nooksack Hatchery/ Natural	White River Hatchery <sup>b/</sup>	Quilcene Hatchery <sup>c/</sup>
1981	9	1,250	NA	NA	NA	197	NA
1982	33	965	NA	NA	NA	43	NA
1983	14	710	NA	NA	NA	49	NA
1984	6	747	13	183	188	51	NA
1985	12	3,249	74	62	445	60	149
1986	27	1,978	65	42	170	192	197
1987	21	1,979	52	285	248	261	115
1988	120	2,064	131	837	233	631	119
1989	298	1,515	87	470	606	438	120
1990	307	1,592	3	109	142	517	76
1991	386	1,411	31	278	365	430	23
1992	249	1,001	143	1,016	103	1,156	20
1993	1,574	788	129	1,364	235	1,029	27
1994	881	899	13	549	118	1,227	10
1995	984	2,010	66	769	290	1,822	16
1996	856	1,728	156	1,070	203	1,972	12
1997	823	581	180	1,667	180	1,655	16
1998	364	1,050	157	1,280	336	1,173	5
1999	4,571	471	911	4,019	213	2,789	4
2000	1,121	1,021	1,235	2,052	283	3,189	0
2001	1,539	1,856	2,185	5,363	NA	3,090	0
2002 <sup>d/</sup>	1,606	1,065	3,687	5,649	282	1,071	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.