

# **COLUMBIA RIVER SALMON HATCHERY RETURNS, 1969-2000**

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# **Columbia River Salmon Hatchery Returns, 1969-2000**

## **PREFACE**

There are numerous facilities in the Columbia River basin that receive returning salmon. Each facility reports those returns to their respective agency. Each agency then provides an annual summary of their hatchery returns. At this time there is no basin wide listing of hatchery escapements other than the separate agency reports. The purpose of this report is to provide a listing of all salmon returns to major facilities in the Columbia River system.

Returns are listed by area; lower Columbia River (below Bonneville Dam), mid-Columbia River (between Bonneville Dam and mouth of Snake River), Snake River, and upper Columbia River (above mouth of Snake River). **All 2000 information should be considered preliminary.**

## **SOURCES OF 2000 RETURN INFORMATION**

Oregon Department of Fish and Wildlife facilities, John Leppink, ODFW.

Washington Department of Fish and Wildlife facilities, Lisa Harlan, WDFW.

United States Fish and Wildlife Service facilities, Steve Pastor, USFWS.

Idaho Department of Fish and Game facilities, Tom Rogers, IDFG. Columbia River Basin Salmon Hatcheries

## Columbia River Basin Salmon Hatcheries

	Hatchery Name	Hatchery Stream	Year in Service	Operating Agency	Species
1	Abernathy	Abernathy Creek	1959	USFWS	ChF
2	Big Canyon *	Wallowa River	1988	ODFW	ChS
3	Big Creek	Big Creek	1938	ODFW	ChF, Coho
4	Bonifer *	Umatilla River	1984	Umatilla Tribe	ChF
5	Bonneville	Tanner Creek	1909	ODFW	ChF, Coho
6	Carson	Wind River	1937	USFWS	ChS
7	Cascade	Eagle Creek (Col. R.)	1958	ODFW	ChF, Coho
8	CEDC	S. Fk. Klaskanine R.	1980	CEDC	Coho
9	CEDC	Youngs Bay	1976	CEDC	ChS, ChF, Coho
10	Clackamas	Clackamas River	1979	ODFW	ChS
11	Cowlitz	Cowlitz River	1967	WDFW	ChS, ChF, Coho
12	Crooked River *	S. Fk. Clearwater R.	1990	IDFG	ChS
13	Dexter Ponds *	Mid. Fk. Willamette R.	1975	ODFW	ChS
14	Dworshak	N. Fk. Clearwater R.	1969	USFWS	ChS
15	Eagle Creek	Eagle Creek (Clack. R.)	1957	USFWS	ChS, Coho
16	Eastbank	Upper Columbia River	1989	WDFW	ChS, ChR
17	Elochoman	Elochoman River	1954	WDFW	ChF, Coho
18	Entiat	Entiat River	1942	USFWS	ChS
19	Fallert Creek	Kalama River	1895	WDFW	ChS, ChF, Coho
20	Gnat Creek	Gnat Creek	1959	ODFW	ChS
21	Grays River	Grays River	1961	WDFW	ChF, Coho
22	Hells Canyon **	Snake River	1965	IDFG	ChS
23	Imnaha **	Imnaha River	1982	ODFW	ChS
24	Irrigon	Mid-Columbia River	1985	ODFW	ChF
25	Kalama Falls	Kalama River	1959	WDFW	ChF, ChS, Coho
26	Klaskanine	N. Fk. Klaskanine R.	1911	ODFW	ChF
27	Klickitat	Klickitat River	1951	WDFW	ChS, ChF, Coho
28	Kooskia	S. Fk. Clearwater R.	1966	USFWS	ChS
29	Leavenworth	Icicle Creek	1938	USFWS	ChS
30	Lewis River	N. Fk. Lewis River	1930	WDFW	ChS, Coho
31	Little White Salmon	L. White Salmon R.	1898	USFWS	ChF, ChS, Coho
32	Lookingglass	Lookingglass Creek	1982	ODFW	ChS
33	Lyons Ferry	Snake River	1983	WDFW	ChS, ChF
34	Marion Forks	N. Fk. Santiam River	1950	ODFW	ChS
35	McCall	S. Fk. Salmon River	1976	IDFG	ChR
36	McKenzie	McKenzie River	1930	ODFW	ChS
37	Methow	Methow River	1992	WDFW	ChS
38	Minthorn *	Umatilla River	1986	Umatilla Tribe	ChF, Coho
39	Oxbow	Herman Creek	1938	ODFW	ChF, ChS, Coho
40	Oxbow	Snake River	1962	IDFG	Currently Steelhead
41	Pahsimeroi	Pahsimeroi River	1970	IDFG	ChR
42	Powell *	Lochsa River	1989	IDFG	ChS
43	Priest Rapids	Upper Columbia River	1963	WDFW	ChF
44	Rapid River	Rapid River	1964	IDFG	ChS
45	Red River *	S. Fk. Clearwater R.	1986	IDFG	ChS
46	Ringold *	Upper Columbia River	1966	WDFW	ChS, ChF
47	Round Butte	Deschutes River	1972	ODFW	ChS
48	Sandy	Cedar Creek (Sandy R.)	1953	ODFW	Coho
49	Sawtooth	Salmon River	1985	IDFG	ChS
50	Sea Resources	Chinook River	1895	Private	ChF, Coho, Chum
51	South Santiam	S. Santiam River	1923	ODFW	ChS
52	Speelyai	N. Fk. Lewis River	1960	WDFW	ChS, Coho
53	Spring Creek	Mid-Columbia River	1901	USFWS	ChF
54	Three-Mile **	Umatilla River	1988	ODFW	ChS, ChF, Coho
55	Toutle	Toutle River	1952	WDFW	ChF, Coho
56	Tucannon	Tucannon River	1971	WDFW	ChS
57	Turtle Rock	Upper Columbia River	1961	WDFW	ChF, Coho
58	Umatilla	Mid-Columbia River	1991	ODFW	ChS, ChF
59	Warm Springs	Warm Springs River	1977	USFWS	ChS
60	Washougal	Washougal River	1958	WDFW	ChF, Coho
61	Wells	Upper Columbia River	1967	WDFW	ChR
62	Willamette	Mid. Fk. Willamette R.	1911	ODFW	ChS
63	Willard	L. White Salmon R.	1951	USFWS	Coho
64	Winthrop	Methow River	1942	USFWS	ChS

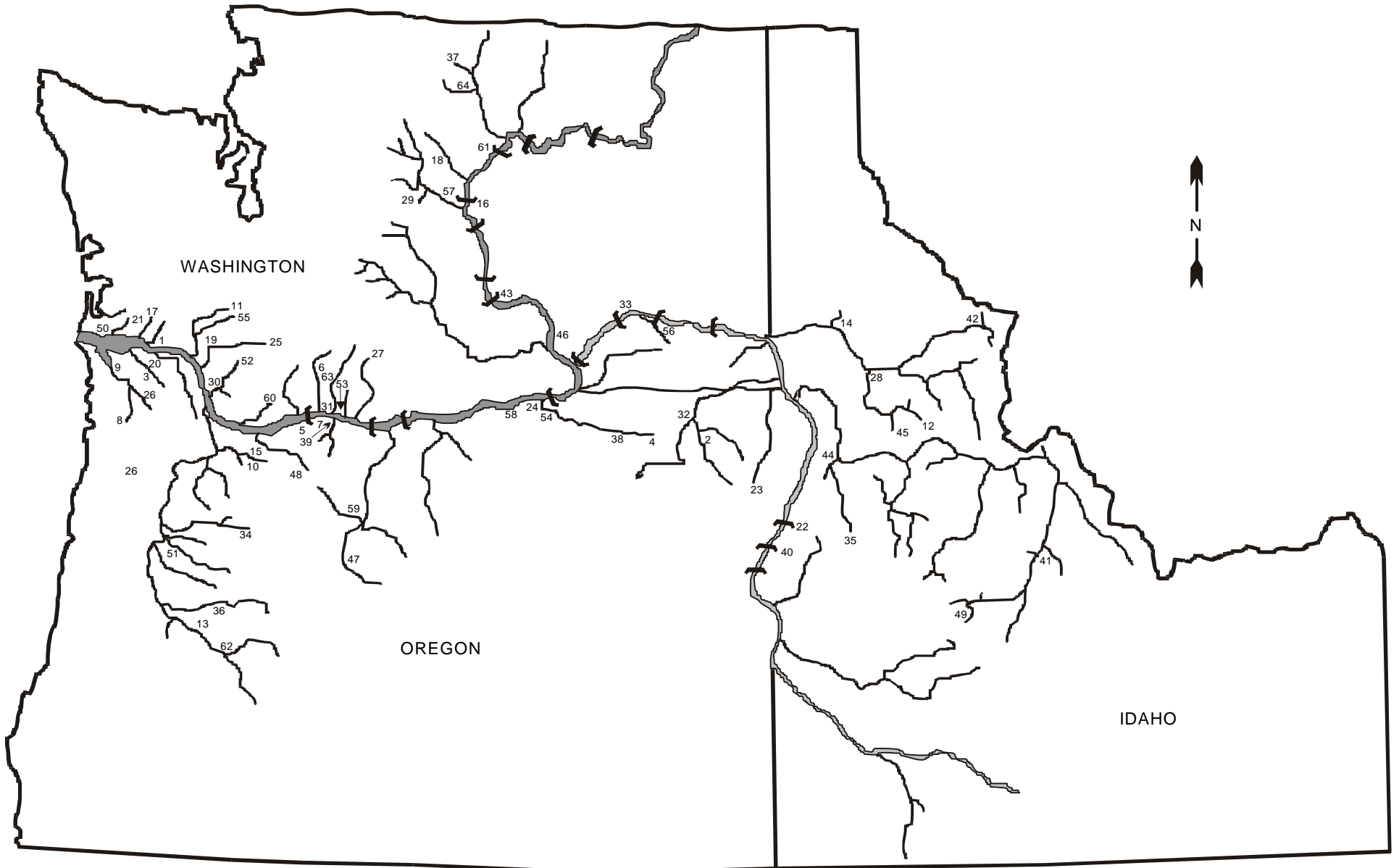
\* Pond

\*\* Trap

**ODFW** - Oregon Department of Fish and Wildlife  
**WDFW** - Washington Department of Fish and Wildlife  
**IDFG** - Idaho Department of Fish and Game  
**USFWS** - United States Fish and Wildlife Service  
**CEDC** - Clatsop County Economic Development Council

**ChS** - Spring Chinook  
**ChR** - Summer Chinook  
**ChF** - Fall Chinook

# Map of the Columbia River Salmon Hatcheries



## Adult Spring Chinook Returns to Columbia River Hatcheries

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i><u>Lower Columbia River</u></i>										
Marion Forks	2,534	2,143	1,731	1,876	1,803	1,021	947	1,804	551	1,097
McKenzie	102	19	728	422	1,038	0	0	2,159	4,572	3,984
Willamette/Dexter	9,775	8,541	5,359	2,652	4,244	9,603	2,099	1,471	5,511	6,813
S. Santiam	688	1,447	1,163	858	2,092	5,822	2,854	1,174	1,735	2,187
Clackamas	--	--	--	--	--	--	--	--	--	--
Cowlitz	6,400	7,009	6,202	2,507	5,013	15,182	17,277	19,509	15,402	9,329
Kalama Falls	287	108	449	166	80	461	2,404	2,399	518	250
Lewis/Speelyai	--	--	--	--	--	--	--	324	337	333
Eagle Creek	460	236	1,254	773	852	1,072	270	1,043	1,586	1,183
<b>Total</b>	<b>20,246</b>	<b>19,503</b>	<b>16,886</b>	<b>9,254</b>	<b>15,122</b>	<b>33,161</b>	<b>25,851</b>	<b>29,883</b>	<b>30,212</b>	<b>25,176</b>
<i><u>Mid-Columbia River</u></i>										
Round Butte	--	--	--	--	--	--	--	--	--	--
Klickitat	387	1,889	478	1,271	487	1,415	538	500	312	472
Carson	1,446	3,926	3,598	6,527	2,112	1,423	4,896	5,210	2,966	2,964
L. White Salmon	417	192	741	370	168	56	1,381	2,376	3,466	1,650
Warm Springs	--	--	--	--	--	--	--	--	--	--
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>2,250</b>	<b>6,007</b>	<b>4,817</b>	<b>8,168</b>	<b>2,767</b>	<b>2,894</b>	<b>6,815</b>	<b>8,086</b>	<b>6,744</b>	<b>5,086</b>
<i><u>Snake River</u></i>										
Lookingglass <sup>2</sup>	--	--	--	--	--	--	--	--	--	--
Lyons Ferry	--	--	--	--	--	--	--	--	--	--
Rapid River	2,817	6,470	3,357	12,310	17,054	3,457	4,428	6,342	7,767	5,723
Sawtooth	--	--	--	--	--	--	--	--	--	--
Hells Canyon	--	--	--	--	--	--	--	--	--	--
Pahsimeroi	--	--	--	--	--	--	--	--	--	--
East Fork Trap <sup>3</sup>	--	--	--	--	--	--	--	--	--	--
Crooked River	--	--	--	--	--	--	--	--	--	--
Red River	--	--	--	--	--	--	--	--	--	--
Powell	--	--	--	--	--	--	--	--	--	--
Dworshak	--	--	--	--	--	--	--	--	--	--
Kooskia	--	--	--	0	45	37	311	392	2,693	2,012
<b>Total</b>	<b>2,817</b>	<b>6,470</b>	<b>3,357</b>	<b>12,310</b>	<b>17,099</b>	<b>3,494</b>	<b>4,739</b>	<b>6,734</b>	<b>10,460</b>	<b>7,735</b>
<i><u>Upper Columbia River</u></i>										
Winthrop	--	--	--	--	--	--	--	--	--	--
Entiat	--	--	--	--	--	--	--	--	--	--
Leavenworth	37	0	46	31	0	3	400	342	2,900	1,559
Ringold	--	--	--	--	--	--	--	--	--	--
Priest Rapids	--	--	--	--	--	--	--	--	--	--
Eastbank	--	--	--	--	--	--	--	--	--	--
Methow <sup>4</sup>	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>37</b>	<b>0</b>	<b>46</b>	<b>31</b>	<b>0</b>	<b>3</b>	<b>400</b>	<b>342</b>	<b>2,900</b>	<b>1,559</b>
<b>GRAND TOTAL</b>	<b>25,350</b>	<b>31,980</b>	<b>25,106</b>	<b>29,763</b>	<b>34,988</b>	<b>39,552</b>	<b>37,805</b>	<b>45,045</b>	<b>50,316</b>	<b>39,556</b>

Adult Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Marion Forks	159	141	774	958	599	738	2,155	1,049	934	1,038
McKenzie	2,384	1,278	892	1,910	749	2,028	2,437	1,944	1,650	2,880
Willamette/Dexter	4,358	5,801	6,485	10,344	7,289	9,145	3,015	5,453	6,734	14,192
S. Santiam	781	935	638	198	1,008	2,839	2,736	3,682	6,501	3,898
Clackamas	--	1,024	1,065	563	1,725	2,483	896	755	964	1,236
Cowlitz	7,561	15,860	20,862	12,236	13,318	13,645	6,806	5,591	13,679	9,080
Kalama Falls	989	1,830	1,608	3,496	1,755	803	96	474	1,034	932
Lewis/Speelyai	183	84	713	488	103	451	408	394	221	332
Eagle Creek	2,759	1,448	811	886	466	977	670	587	1,338	1,360
Total	19,174	28,401	33,848	31,079	27,012	33,109	19,219	19,929	33,055	34,948
<i>Mid-Columbia River</i>										
Round Butte	--	--	--	--	614	289	1,587	1,991	1,581	1,346
Klickitat	692	1,555	1,709	1,350	609	517	53	485	1,163	1,419
Carson	2,537	3,336	2,545	1,636	2,490	2,108	4,672	5,589	4,374	2,054
L. White Salmon	889	974	2,594	2,511	2,600	552	1,349	1,016	4,555	3,946
Warm Springs	--	968	1,525	2,303	1,878	1,981	2,199	1,824	2,256	2,062
Three-Mile Trap	--	--	--	--	--	--	--	--	--	13
Total	4,118	6,833	8,373	7,800	8,191	5,447	9,860	10,905	13,929	10,840
<i>Snake River</i>										
Lookingglass <sup>2</sup>	--	--	--	53	84	35	566	653	2,674	3,039
Lyons Ferry	--	--	--	--	--	--	22	251	209	261
Rapid River	3,049	1,528	3,087	3,646	1,864	1,705	6,376	6,546	3,598	3,608
Sawtooth	--	--	806	246	349	330	1,344	1,718	1,327	1,405
Hells Canyon	--	--	--	--	--	--	699	355	543	456
Pahsimeroi	--	--	--	--	--	--	1,568	6,417	2,140	401
East Fork Trap <sup>3</sup>	--	--	--	--	--	117	253	189	271	542
Crooked River	--	--	--	--	--	--	--	--	--	--
Red River	--	--	--	--	--	109	124	--	484	391
Powell	--	--	--	--	--	--	--	--	--	--
Dworshak	--	--	--	--	--	68	321	437	1,992	1,809
Kooskia	364	58	246	255	372	286	503	262	671	556
Total	3,413	1,586	4,139	4,200	2,669	2,650	11,776	16,828	13,909	12,468
<i>Upper Columbia River</i>										
Winthrop	--	137	--	552	731	511	1,181	827	563	1,320
Entiat	--	279	247	236	660	753	912	955	813	662
Leavenworth	1,768	2,373	2,394	2,718	3,048	3,425	6,558	6,756	4,263	2,789
Ringold	--	--	--	196	1,138	0	0	950	351	--
Priest Rapids	--	--	--	--	--	899	315	--	--	--
Eastbank	--	--	--	--	--	--	--	--	--	--
Methow <sup>4</sup>	--	--	--	--	--	--	--	--	--	--
Total	1,768	2,789	2,641	3,702	5,577	5,588	8,966	9,488	5,990	4,771
GRAND TOTAL	28,473	39,609	49,001	46,781	43,449	46,794	49,821	57,150	66,883	63,027

Adult Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Marion Forks	1,149	1,079	2,137	2,865	2,543	683	798	634	875	1,879
McKenzie	3,112	3,136	4,450	3,341	2,035	695	1,107	1,556	1,660	1,685
Willamette/Dexter	15,969	17,762	9,585	7,654	7,181	6,347	4,518	5,278	7,132	8,793
S. Santiam	6,066	7,320	4,183	1,670	2,250	1,938	1,995	2,328	1,789	3,821
Clackamas	820	1,776	2,625	4,416	4,564	3,646	3,049	2,975	2,624	4,446
Cowlitz	5,658	4,525	5,384	7,922	6,194	1,881	1,772	1,869	1,298	788
Toutle	--	--	7	0	0	0	0	0	0	1
Kalama Falls	701	1,066	1,181	1,509	1,278	629	330	188	468	371
Lewis/Speelyai	855	1,322	596	466	678	776	1,647	1,054	2,245	1,148
Eagle Creek	1,137	866	88	--	--	--	--	--	--	--
Total	35,467	38,852	30,236	29,843	26,723	16,595	15,216	15,882	18,091	22,932
<i>Mid-Columbia River</i>										
Round Butte	1,621	2,083	1,582	1,926	1,392	592	706	730	1,083	314
Klickitat	3,165	536	551	654	1,782	623	484	550	829	320
Carson	2,134	10,622	4,293	4,171	4,437	922	484	4,295	3,401	926
L. White Salmon	1,832	2,346	1,748	2,190	2,963	611	1,021	2,920	2,032	1,167
Warm Springs	3,750	2,997	1,350	1,806	831	474	402	1,947	1,948	806
Three-Mile Trap	66	2,158	1,291	460	1,205	263	388	2,152	2,185	405
Total	12,568	20,742	10,815	11,207	12,610	3,485	3,485	12,594	11,478	3,938
<i>Snake River</i>										
Lookingglass <sup>2</sup>	1,243	1,193	611	1,579	2,324	526	89	558	588	360
Lyons Ferry	180	428	224	510	429	0	0	0	0	0
Rapid River	2,372	2,566	1,675	2,370	4,451	261	70	694	10,510	1,584
Sawtooth	476	1,376	498	361	558	90	21	129	245	149
Hells Canyon	84	30	21	912	429	28	35	21	943	74
Pahsimeroi	73	0	6	0	0	--	--	--	--	--
East Fork Trap <sup>3</sup>	106	133	56	51	85	15	--	7	7	--
Crooked River	--	28	18	215	395	25	0	207	1,032	277
Red River	99	53	17	34	138	31	2	53	276	88
Powell	130	177	26	264	492	85	2	141	716	540
Dworshak	1,544	2,035	149	347	814	71	42	688	3,138	904
Kooskia	866	1,130	457	298	1,169	231	19	116	1,664	407
Total	7,173	9,149	3,758	6,941	11,284	1,363	280	2,614	19,119	4,383
<i>Upper Columbia River</i>										
Winthrop	191	120	73	321	646	28	13	186	230	110
Entiat	669	581	435	512	730	76	117	168	273	201
Leavenworth	2,649	2,568	2,207	11,322	4,952	1,003	404	1,029	2,821	1,530
Ringold	--	1,750	227	385	1,583	1,221	519	607	952	887
Priest Rapids	--	--	--	--	3,880	15	0	167	0	0
Eastbank	53	38	33	113	319	23	19	53	77	165
Methow <sup>4</sup>	--	--	--	94	369	32	13	399	322	406
Total	3,562	5,057	2,975	12,747	12,479	2,398	1,085	2,609	4,675	3,299
GRAND TOTAL	58,770	73,800	47,784	60,738	63,096	23,841	20,066	33,699	53,363	34,552

## Adult Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1999 <sup>1</sup>	2000 <sup>1</sup>					
<u>Lower Columbia River</u>							
Marion Forks	1,923	3,004					
McKenzie	2,231	3,505					
Willamette/Dexter	8,876	5,604					
S. Santiam	5,310	4,054					
Clackamas	4,522	4,240					
Cowlitz	1,403	1,416					
Toutle	0	0					
Kalama Falls	752	989					
Lewis/Speelyai	845	776					
Eagle Creek	--	--					
Total	25,862	23,588					
<u>Mid-Columbia River</u>							
Round Butte	927	540					
Klickitat	475	878					
Carson	3,643	10,696					
L. White Salmon	4,163	8,120					
Warm Springs	2,309	9,161					
Three-Mile Trap	1,765	1,764					
Total	13,282	31,159					
<u>Snake River</u>							
Lookingglass <sup>c</sup>	254	741					
Lyons Ferry	0	586					
Rapid River	224	3,098					
Sawtooth	117	610					
Hells Canyon	7	954					
Pahsimeroi	--	--					
East Fork Trap <sup>o</sup>	--	--					
Crooked River	9	683					
Red River	7	133					
Powell	64	1,278					
Dworshak	130	2,981					
Kooskia	85	615					
Total	897	11,679					
<u>Upper Columbia River</u>							
Winthrop	6	988					
Entiat	685	1,857					
Leavenworth	1,467	4,275					
Ringold	620	480					
Priest Rapids	0	0					
Eastbank	36	133					
Methow <sup>u</sup>	322	567					
Total	3,136	8,300					
GRAND TOTAL	43,177	74,726					

<sup>1</sup> All numbers for 2000 (and 1999 returns to WDFW facilities) are preliminary.

<sup>c</sup> Includes returns to trap at Imnaha acclimation pond.

<sup>o</sup> East Fork Trap was not in operation in 1998, 1999, and 2000.

<sup>u</sup> The majority of these fish are trapped at Wells Dam and transported to Methow Hatchery.



## Jack Spring Chinook Returns to Columbia River Hatcheries

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i>Lower Columbia River</i>										
Marion Forks	3	0	0	9	39	20	2	5	7	0
McKenzie	4	1	1	1	40	0	0	27	167	24
Willamette/Dexter	27	51	26	100	233	115	17	24	377	2
S. Santiam <sup>2</sup>	0	0	0	14	44	146	65	1	1	0
Clackamas	--	--	--	--	--	--	--	--	--	--
Cowlitz <sup>2</sup>	4,708	2,067	1,806	2,449	5,045	4,873	10,048	13,478	11,563	17,570
Kalama Falls	29	3	0	107	4	22	1	2	0	0
Lewis/Speelyai	--	--	--	--	--	--	--	4	3	17
Eagle Creek	11	17	0	17	9	11	13	109	5	25
<b>Total</b>	<b>4,782</b>	<b>2,139</b>	<b>1,833</b>	<b>2,697</b>	<b>5,414</b>	<b>5,187</b>	<b>10,146</b>	<b>13,650</b>	<b>12,123</b>	<b>17,638</b>
<i>Mid-Columbia River</i>										
Round Butte	--	--	--	--	--	--	--	--	--	--
Klickitat	138	28	1,470	50	71	39	14	0	371	36
Carson	163	184	752	114	77	140	9	288	9	12
L. White Salmon	18	37	67	28	11	15	27	26	676	206
Warm Springs	--	--	--	--	--	--	--	--	--	--
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>319</b>	<b>249</b>	<b>2,289</b>	<b>192</b>	<b>159</b>	<b>194</b>	<b>50</b>	<b>314</b>	<b>1,056</b>	<b>254</b>
<i>Snake River</i>										
Lookingglass <sup>3</sup>	--	--	--	--	--	--	--	--	--	--
Lyons Ferry	--	--	--	--	--	--	--	--	--	--
Rapid River	1,043	887	1,754	943	286	538	573	1,741	414	53
Sawtooth	--	--	--	--	--	--	--	--	--	--
Hells Canyon	--	--	--	--	--	--	--	--	--	--
Pahsimeroi	--	--	--	--	--	--	--	--	--	--
East Fork Trap <sup>4</sup>	--	--	--	--	--	--	--	--	--	--
Crooked River	--	--	--	--	--	--	--	--	--	--
Red River	--	--	--	--	--	--	--	--	--	--
Powell	--	--	--	--	--	--	--	--	--	--
Dworshak	--	--	--	--	--	--	--	--	--	--
Kooskia	0	0	0	5	5	16	15	409	333	23
<b>Total</b>	<b>1,043</b>	<b>887</b>	<b>1,754</b>	<b>948</b>	<b>291</b>	<b>554</b>	<b>588</b>	<b>2,150</b>	<b>747</b>	<b>76</b>
<i>Upper Columbia River</i>										
Winthrop	--	--	--	--	--	--	--	--	--	--
Entiat	--	--	--	--	--	--	--	--	--	--
Leavenworth	0	0	0	0	0	0	0	0	0	17
Ringold	--	--	--	--	--	--	--	--	--	--
Priest Rapids	--	--	--	--	--	--	--	--	--	--
Eastbank	--	--	--	--	--	--	--	--	--	--
Methow <sup>2</sup>	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>
<b>GRAND TOTAL</b>	<b>6,144</b>	<b>3,275</b>	<b>5,876</b>	<b>3,837</b>	<b>5,864</b>	<b>5,935</b>	<b>10,784</b>	<b>16,114</b>	<b>13,926</b>	<b>17,985</b>

## Jack Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Marion Forks	7	4	0	2	6	16	34	51	56	21
McKenzie	14	3	29	51	86	59	53	66	52	32
Willamette/Dexter	6	140	366	248	100	428	30	143	189	264
S. Santiam <sup>2</sup>	7	0	14	69	535	180	325	203	401	209
Clackamas	--	0	0	10	198	38	48	21	41	17
Cowlitz <sup>2</sup>	3,664	3,041	4,247	3,486	4,580	1,334	4,644	4,101	3,491	2,479
Kalama Falls	68	261	284	232	246	4	11	47	124	32
Lewis/Speelyai	0	2	0	4	1	1	30	161	74	215
Eagle Creek	44	32	1	19	56	55	56	74	0	13
Total	3,810	3,483	4,941	4,121	5,808	2,115	5,231	4,867	4,428	3,282
<i>Mid-Columbia River</i>										
Round Butte	--	--	--	--	42	344	257	387	326	452
Klickitat	2,890	NA	487	261	834	201	161	401	116	301
Carson	4	32	3	20	4	45	62	67	4	56
L. White Salmon	21	115	1	33	8	25	8	128	11	74
Warm Springs	--	34	135	67	34	301	62	236	231	409
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
Total	2,915	181	626	381	922	916	550	1,219	688	1,292
<i>Snake River</i>										
Lookingglass <sup>3</sup>	--	--	--	0	0	8	51	83	80	137
Lyons Ferry	--	--	--	--	--	--	0	0	0	15
Rapid River	350	432	176	30	94	651	351	177	210	172
Sawtooth	--	--	23	16	17	76	295	51	17	80
Hells Canyon	--	--	--	--	--	--	61	5	4	13
Pahsimeroi	--	--	--	--	--	97	480	101	35	0
East Fork Trap <sup>4</sup>	--	--	--	--	--	22	50	5	1	6
Crooked River	--	--	--	--	--	--	--	--	--	--
Red River	--	--	--	--	--	2	2	--	35	3
Powell	--	--	--	--	--	--	--	--	--	--
Dworshak	--	--	--	--	--	14	13	78	25	163
Kooskia	11	9	1	3	1	55	26	21	16	39
Total	361	441	200	49	112	925	1,329	521	423	628
<i>Upper Columbia River</i>										
Winthrop	--	18	--	49	24	8	20	9	31	7
Entiat	--	26	0	11	0	55	0	14	0	27
Leavenworth	54	79	26	81	42	166	77	25	12	3
Ringold	--	--	--	999	0	0	570	0	0	--
Priest Rapids	--	--	--	--	--	1	70	--	--	--
Eastbank	--	--	--	--	--	--	--	--	--	--
Methow <sup>2</sup>	--	--	--	--	--	--	--	--	--	--
Total	54	123	26	1,140	66	230	737	48	43	37
GRAND TOTAL	7,140	4,228	5,793	5,691	6,908	4,186	7,847	6,655	5,582	5,239

## Jack Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Marion Forks	0	5	15	29	52	0	0	0	0	46
McKenzie	53	80	47	33	16	7	28	17	12	31
Willamette/Dexter	839	166	120	99	338	50	168	184	107	98
S. Santiam <sup>c</sup>	161	144	148	51	129	75	146	67	95	92
Clackamas	45	71	151	119	71	29	63	69	46	84
Cowlitz <sup>c</sup>	1,573	12,667	5,483	6,222	731	596	440	1,173	529	1,756
Kalama Falls	68	183	107	324	66	2	5	8	108	44
Lewis/Speelyai	33	20	133	50	5	10	21	26	28	19
Eagle Creek	0	3	0	--	--	--	--	--	--	--
Total	2,772	13,339	6,204	6,927	1,408	769	871	1,544	925	2,170
<i>Mid-Columbia River</i>										
Round Butte	685	173	345	140	59	64	201	34	34	49
Klickitat	530	1,076	1,700	819	938	1,999	1,697	114	544	55
Carson	162	34	40	17	2	0	81	22	3	12
L. White Salmon	55	16	43	48	0	4	157	17	7	24
Warm Springs	194	163	111	50	16	13	210	47	60	61
Three-Mile Trap	97	32	39	4	16	8	82	121	0	19
Total	1,723	1,494	2,278	1,078	1,031	2,088	2,428	355	648	220
<i>Snake River</i>										
Lookingglass <sup>s</sup>	206	70	390	88	46	14	51	67	7	88
Lyons Ferry	78	32	87	37	19	0	0	0	0	0
Rapid River	428	40	238	96	17	4	56	718	10	7
Sawtooth	412	112	68	26	29	6	16	27	9	4
Hells Canyon	0	0	48	22	2	1	1	57	1	0
Pahsimeroi	0	0	0	0	0	--	--	--	--	--
East Fork Trap <sup>4</sup>	12	12	6	14	5	--	--	3	0	--
Crooked River	--	1	2	13	7	1	6	92	2	0
Red River	5	0	1	5	1	0	2	9	4	2
Powell	24	2	7	6	8	1	12	45	2	1
Dworshak	156	7	16	22	9	3	83	275	12	11
Kooskia	107	11	10	14	11	1	21	86	0	1
Total	1,428	287	873	343	154	31	248	1,379	47	114
<i>Upper Columbia River</i>										
Winthrop	4	1	19	11	0	1	1	19	1	0
Entiat	0	2	2	8	0	4	4	7	2	15
Leavenworth	33	10	64	34	0	16	58	119	18	11
Ringold	--	0	112	144	37	33	150	154	28	28
Priest Rapids	--	--	--	--	64	0	0	0	0	0
Eastbank	0	0	0	0	1	9	9	11	0	0
Methow <sup>p</sup>	--	--	--	0	0	2	1	65	0	12
Total	37	13	197	197	102	65	223	375	49	66
GRAND TOTAL	5,960	15,133	9,552	8,545	2,695	2,953	3,770	3,653	1,669	2,570

## Jack Spring Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1999 <sup>1</sup>	2000 <sup>1</sup>							
<u>Lower Columbia River</u>									
Marion Forks	20	0							
McKenzie	48	48							
Willamette/Dexter	279	46							
S. Santiam <sup>c</sup>	88	372							
Clackamas	40	56							
Cowlitz <sup>c</sup>	437	3,011							
Kalama Falls	41	217							
Lewis/Speelyai	78	49							
Eagle Creek	--	--							
Total	1,031	3,799							
<u>Mid-Columbia River</u>									
Round Butte	83	416							
Klickitat	342	9							
Carson	85	162							
L. White Salmon	101	123							
Warm Springs	954	289							
Three-Mile Trap	209	68							
Total	1,774	1,067							
<u>Snake River</u>									
Lookingglass <sup>o</sup>	212	694							
Lyons Ferry	0	6							
Rapid River	639	1,701							
Sawtooth	79	376							
Hells Canyon	72	205							
Pahsimeroi	--	--							
East Fork Trap <sup>4</sup>	--	--							
Crooked River	116	474							
Red River	24	182							
Powell	124	324							
Dworshak	670	221							
Kooskia	72	966							
Total	2,008	5,149							
<u>Upper Columbia River</u>									
Winthrop	20	104							
Entiat	39	62							
Leavenworth	278	182							
Ringold	46	326							
Priest Rapids	0	0							
Eastbank	17	94							
Methow <sup>5</sup>	150	2							
Total	550	770							
GRAND TOTAL	5,363	10,785							

<sup>1</sup> All numbers for 2000 (and 1999 returns to WDFW facilities) are preliminary .

<sup>2</sup> Includes mini-jacks.

<sup>3</sup> Includes returns to trap at Imnaha acclimation pond.

<sup>4</sup> East Fork Trap was not in operation in 1998, 1999, and 2000.

<sup>5</sup> Trapped at Wells Dam.

## Adult and Jack Summer Chinook Returns to Columbia River Hatcheries.

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
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### Adults

#### Snake River

McCall	--	--	--	--	--	--	--	--	--	--
Pahsimeroi	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--

#### Upper Columbia River

Eastbank	--	--	--	--	--	--	--	--	--	--
Wells	--	--	--	1,694	2,088	2,893	3,324	2,525	3,620	2,259
Total	--	--	--	1,694	2,088	2,893	3,324	2,525	3,620	2,259
GRAND TOTAL	--	--	--	1,694	2,088	2,893	3,324	2,525	3,620	2,259

### Jacks

#### Snake River

McCall	--	--	--	--	--	--	--	--	--	--
Pahsimeroi	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--

#### Upper Columbia River

Eastbank	--	--	--	--	--	--	--	--	--	--
Wells	--	--	--	1,052	1,997	701	2,124	2,430	1,652	1,097
Total	--	--	--	1,052	1,997	701	2,124	2,430	1,652	1,097
GRAND TOTAL	--	--	--	1,052	1,997	701	2,124	2,430	1,652	1,097

Adult and Jack Summer Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<b><u>Adults</u></b>										
<i>Snake River</i>										
McCall	--	194	400	502	433	934	1,410	1,468	2,321	2,343
Pahsimeroi	--	<u>33</u>	<u>31</u>	<u>35</u>	<u>101</u>	<u>26</u>	<u>83</u>	<u>308</u>	<u>460</u>	<u>763</u>
Total	--	227	431	537	534	960	1,493	1,776	2,781	3,106
<i>Upper Columbia River</i>										
Eastbank	--	--	--	--	--	--	--	--	--	--
Wells	<u>2,095</u>	<u>1,827</u>	<u>1,553</u>	<u>700</u>	<u>841</u>	<u>1,094</u>	<u>1,401</u>	<u>1,901</u>	<u>997</u>	<u>1,174</u>
Total	<u>2,095</u>	<u>1,827</u>	<u>1,553</u>	<u>700</u>	<u>841</u>	<u>1,094</u>	<u>1,401</u>	<u>1,901</u>	<u>997</u>	<u>1,174</u>
GRAND TOTAL	2,095	2,054	1,984	1,237	1,375	2,054	2,894	3,677	3,778	4,280

<b><u>Jacks</u></b>										
<i>Snake River</i>										
McCall	--	186	124	48	504	595	828	1,222	384	50
Pahsimeroi	--	<u>13</u>	<u>4</u>	<u>4</u>	<u>8</u>	<u>11</u>	<u>27</u>	<u>37</u>	<u>13</u>	<u>75</u>
Total	--	199	128	52	512	606	855	1,259	397	125
<i>Upper Columbia River</i>										
Eastbank	--	--	--	--	--	--	--	--	--	--
Wells	<u>894</u>	<u>567</u>	<u>589</u>	<u>669</u>	<u>1,009</u>	<u>225</u>	<u>302</u>	<u>318</u>	<u>279</u>	<u>190</u>
Total	<u>894</u>	<u>567</u>	<u>589</u>	<u>669</u>	<u>1,009</u>	<u>225</u>	<u>302</u>	<u>318</u>	<u>279</u>	<u>190</u>
GRAND TOTAL	894	766	717	721	1,521	831	1,157	1,577	676	315

Adult and Jack Summer Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<b><u>Adults</u></b>										
<i>Snake River</i>										
McCall	443	941	391	2,643	2,675	457	206	462	3,614	898
Pahsimeroi	<u>212</u>	<u>431</u>	<u>281</u>	<u>126</u>	<u>156</u>	<u>27</u>	<u>73</u>	<u>79</u>	<u>144</u>	<u>109</u>
Total	655	1,372	672	2,769	2,831	484	279	541	3,758	1,007
<i>Upper Columbia River</i>										
Eastbank	336	81	128	337	491	566	735	933	700	2,154
Wells	<u>1,642</u>	<u>1,000</u>	<u>1,289</u>	<u>666</u>	<u>1,139</u>	<u>2,134</u>	<u>2,067</u>	<u>1,382</u>	<u>1,300</u>	<u>875</u>
Total	<u>1,978</u>	<u>1,081</u>	<u>1,417</u>	<u>1,003</u>	<u>1,630</u>	<u>2,700</u>	<u>2,802</u>	<u>2,315</u>	<u>2,000</u>	<u>3,029</u>
GRAND TOTAL	2,633	2,453	2,089	3,772	4,461	3,184	3,081	2,856	5,758	4,036

<b><u>Jacks</u></b>										
<i>Snake River</i>										
McCall	495	28	821	205	28	70	101	737	45	76
Pahsimeroi	<u>135</u>	<u>39</u>	<u>20</u>	<u>5</u>	<u>13</u>	<u>9</u>	<u>7</u>	<u>10</u>	<u>3</u>	<u>18</u>
Total	630	67	841	210	41	79	108	747	48	94
<i>Upper Columbia River</i>										
Eastbank	10	5	1	4	1	5	19	6	61	49
Wells	<u>118</u>	<u>80</u>	<u>55</u>	<u>74</u>	<u>138</u>	<u>155</u>	<u>134</u>	<u>11</u>	<u>29</u>	<u>79</u>
Total	<u>128</u>	<u>85</u>	<u>56</u>	<u>78</u>	<u>139</u>	<u>160</u>	<u>153</u>	<u>17</u>	<u>90</u>	<u>128</u>
GRAND TOTAL	758	152	897	288	180	239	261	764	138	222

## Adult and Jack Summer Chinook Returns to Columbia River Hatcheries continued

Area/Hatchery	1999 <sup>1</sup>	2000 <sup>1</sup>								
<b><u>Adults</u></b>										
<i>Snake River</i>										
McCall	1,218	3,396								
Pahsimeroi	<u>288</u>	<u>371</u>								
Total	1,506	3,767								
<i>Upper Columbia River</i>										
Eastbank	1,485	775								
Wells	<u>1,203</u>	<u>1,755</u>								
Total	<u>2,688</u>	<u>2,530</u>								
GRAND TOTAL	4,194	6,297								
<b><u>Jacks</u></b>										
<i>Snake River</i>										
McCall	743	3,416								
Pahsimeroi	<u>89</u>	<u>88</u>								
Total	832	3,504								
<i>Upper Columbia River</i>										
Eastbank	73	97								
Wells	<u>61</u>	<u>93</u>								
Total	<u>134</u>	<u>190</u>								
GRAND TOTAL	966	3,694								

<sup>1</sup> All numbers for 2000 (and 1999 returns to WDFW facilities) are preliminary.



## Adult Fall Chinook Returns to Columbia River Hatcheries

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i>Lower Columbia River</i>										
Big Creek (Tule)	8,670	17,532	14,291	8,838	6,605	4,363	9,512	10,379	8,068	5,395
Big Creek (SAB)	--	--	--	--	--	--	--	--	--	--
CEDC (Tule)	--	--	--	--	--	--	--	--	--	--
CEDC (SAB)	--	--	--	--	--	--	--	--	--	--
Klaskanine (Tule)	579	0	0	127	52	0	0	13	70	23
Klaskanine (SAB)	--	--	--	--	--	--	--	--	--	--
Bonneville (Tule)	5,223	3,376	8,482	12,252	21,643	16,246	9,328	27,089	17,730	34,807
Bonneville (URB)	--	--	--	--	--	--	--	--	--	--
Grays River <sup>2</sup>	444	697	1,316	350	628	815	811	1,541	1,214	2,420
Elochoman	1,147	1,755	1,328	795	2,048	896	1,793	1,843	2,815	1,755
Cowlitz	3,340	11,794	14,383	3,581	6,074	4,170	6,570	2,797	2,579	2,860
Toutle	2,546	3,838	5,594	5,991	3,066	2,868	1,631	3,529	3,250	5,772
Fallert Creek (Tule)	--	--	--	1,480	83	2,089	1,359	613	679	1,510
Fallert Creek (Snake)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Tule)	4,571	4,020	8,508	5,632	7,975	1,105	1,863	1,656	889	1,298
Kalama Falls (Snake)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai	0	0	176	51	69	11	0	12	86	225
Washougal	70	92	630	642	307	235	1,162	1,313	3,317	2,801
Abernathy (Tule)	1,171	1,787	1,037	1,486	1,570	1,413	771	852	1,580	547
Abernathy (SAB)	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>27,761</b>	<b>44,891</b>	<b>55,745</b>	<b>41,225</b>	<b>50,120</b>	<b>34,211</b>	<b>34,800</b>	<b>51,637</b>	<b>42,277</b>	<b>59,413</b>
<i>Mid-Columbia River</i>										
Cascade (Tule)	1,387	1,435	222	0	4,064	0	3,030	3,879	4,926	4,057
Cascade (URB)	--	--	--	--	--	--	--	--	--	--
Round Butte	--	--	--	--	--	--	--	--	--	--
Oxbow	2,169	607	0	98	--	--	--	--	--	--
Klickitat (Tule)	199	62	132	287	94	7	0	270	81	109
Klickitat (URB)	--	--	--	--	--	--	--	--	--	--
Spring Creek	11,830	4,341	7,760	5,831	11,018	8,695	29,729	16,560	13,773	11,322
L. White Salmon (Tule)	3,941	3,957	4,641	2,649	1,990	2,495	2,239	4,961	2,721	2,488
L. White Salmon (URB)	--	--	--	--	--	--	--	--	--	--
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>19,526</b>	<b>10,402</b>	<b>12,755</b>	<b>8,865</b>	<b>17,166</b>	<b>11,197</b>	<b>34,998</b>	<b>25,670</b>	<b>21,501</b>	<b>17,976</b>
<i>Snake River</i>										
Lyons Ferry <sup>3</sup>	--	--	--	--	--	--	--	--	--	--
<i>Upper Columbia River</i>										
Ringold	712	1,537	410	39	114	516	--	--	--	--
Priest Rapids	--	--	3,900	742	3,160	2,502	1,840	1,148	1,563	2,102
Wells	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>712</b>	<b>1,537</b>	<b>4,310</b>	<b>781</b>	<b>3,274</b>	<b>3,018</b>	<b>1,840</b>	<b>1,148</b>	<b>1,563</b>	<b>2,102</b>
<b>GRAND TOTAL</b>	<b>47,999</b>	<b>56,830</b>	<b>72,810</b>	<b>50,871</b>	<b>70,560</b>	<b>48,426</b>	<b>71,638</b>	<b>78,455</b>	<b>65,341</b>	<b>79,491</b>

Adult Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Big Creek (Tule)	2,602	2,803	3,791	10,245	3,912	6,168	10,590	6,086	20,359	9,257
Big Creek (SAB)	--	--	--	--	--	--	335	313	212	259
CEDC (Tule)	--	--	--	--	--	--	10	1	0	21
CEDC (SAB)	--	--	--	--	--	--	50	24	0	36
Klaskanine (Tule)	11	114	60	94	47	37	26	31	0	9
Klaskanine (SAB)	--	--	--	--	--	--	15	1	0	0
Bonneville (Tule)	21,232	19,158	29,103	21,081	12,816	5,234	8,733	8,954	30,494	13,120
Bonneville (URB)	--	1,448	3,166	4,975	8,678	6,705	5,209	4,506	3,781	5,608
Grays River <sup>2</sup>	688	91	54	675	268	169	226	1,215	340	1,357
Elochoman	1,165	1,064	633	2,059	2,690	1,708	1,809	1,515	4,811	4,705
Cowlitz	6,155	1,968	4,697	4,284	5,969	5,117	6,434	10,757	11,699	13,798
Toutle	6,727	--	--	--	--	--	--	--	--	--
Fallert Creek (Tule)	1,820	2,420	1,519	760	650	1,347	1,291	2,495	2,407	658
Fallert Creek (Snake)	--	--	--	41	430	1	0	0	--	--
Kalama Falls (Tule)	2,398	5,741	4,233	812	3,866	3,894	3,445	3,672	4,307	3,438
Kalama Falls (Snake)	--	--	519	75	838	484	952	576	10	--
Lewis/Speelyai	273	647	633	205	446	135	436	122	613	52
Washougal	2,480	1,717	3,659	2,565	3,996	1,957	2,298	10,402	5,704	5,219
Abernathy (Tule)	201	610	1,450	2,065	1,950	557	1,974	439	1,752	1,290
Abernathy (SAB)	--	--	--	--	--	--	--	--	--	40
<b>Total</b>	<b>45,752</b>	<b>37,781</b>	<b>53,517</b>	<b>49,936</b>	<b>46,556</b>	<b>33,513</b>	<b>43,833</b>	<b>51,109</b>	<b>86,489</b>	<b>58,867</b>
<i>Mid-Columbia River</i>										
Cascade (Tule)	1,068	1,753	234	814	1,727	157	96	154	494	373
Cascade (URB)	--	--	--	--	--	67	97	252	250	318
Round Butte	--	--	--	--	--	--	--	--	--	--
Oxbow	--	--	--	--	--	--	--	--	--	--
Klickitat (Tule)	415	56	280	314	147	137	8	202	41	0
Klickitat (URB)	--	--	--	--	--	--	--	--	--	--
Spring Creek	15,775	24,610	24,073	26,708	9,403	8,708	5,397	3,313	2,064	3,638
L. White Salmon (Tule)	1,550	1,559	1,236	2,047	1,139	560	208	650	971	684
L. White Salmon (URB)	--	--	--	--	--	68	412	1,541	2,724	1,937
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>18,808</b>	<b>27,978</b>	<b>25,823</b>	<b>29,883</b>	<b>12,416</b>	<b>9,697</b>	<b>6,218</b>	<b>6,112</b>	<b>6,544</b>	<b>6,950</b>
<i>Snake River</i>										
Lyons Ferry <sup>3</sup>	--	--	--	--	--	698	595	457	3,267	1,403
<i>Upper Columbia River</i>										
Ringold	--	--	--	177	154	0	0	1,430	1,190	--
Priest Rapids	2,462	2,199	1,594	2,613	3,042	6,388	11,957	14,865	18,171	9,966
Wells	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>2,462</b>	<b>2,199</b>	<b>1,594</b>	<b>2,790</b>	<b>3,196</b>	<b>6,388</b>	<b>11,957</b>	<b>16,295</b>	<b>19,361</b>	<b>9,966</b>
<b>GRAND TOTAL</b>	<b>67,022</b>	<b>67,958</b>	<b>80,934</b>	<b>82,609</b>	<b>62,168</b>	<b>50,296</b>	<b>62,603</b>	<b>73,973</b>	<b>115,661</b>	<b>77,186</b>

Adult Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Big Creek (Tule)	6,438	4,918	5,906	4,622	3,478	7,918	6,173	7,987	5,028	3,991
Big Creek (SAB)	364	572	539	391	935	1,855	3,313	1,519	970	717
CEDC (Tule)	0	10	0	0	0	0	1	0	0	--
CEDC (SAB)	0	12	3	7	0	2	2	0	2	0
Klaskanine (Tule)	17	15	62	8	33	10	1	0	0	--
Klaskanine (SAB)	1	2	1	0	7	0	0	23	22	14
Bonneville (Tule)	5,024	5,629	10,491	10,893	6,423	5,186	4,815	6,105	6,743	7,903
Bonneville (URB)	10,296	11,451	7,500	6,279	5,005	7,806	7,785	8,627	7,877	5,194
Grays River <sup>c</sup>	681	629	243	222	55	28	57	157	32	257
Elochoman	3,677	1,528	1,560	972	709	1,766	3,108	4,825	3,397	1,409
Cowlitz	11,376	6,357	3,549	2,356	2,907	5,777	3,696	6,686	2,753	2,842
Toutle	--	253	360	105	396	710	734	3,418	3,250	1,038
Fallert Creek (Tule)	1,307	1,899	887	1,182	1,693	1,872	2,272	1,899	695	375
Fallert Creek (Snake)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Tule)	2,432	3,980	2,400	3,140	2,181	3,207	3,075	2,515	2,302	2,039
Kalama Falls (Snake)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai	442	101	9	41	20	45	75	9	6	0
Washougal	6,719	4,814	3,877	4,840	3,174	4,593	7,421	10,180	6,121	2,963
Abernathy (Tule)	1,408	1,242	987	487	307	1,185	647	337	267	258
Abernathy (SAB)	9	56	53	49	45	468	250	26	24	33
Total	50,191	43,468	38,427	35,594	27,368	42,428	43,425	54,313	39,489	29,033
<i>Mid-Columbia River</i>										
Cascade (Tule)	142	141	127	110	215	198	257	360	--	662
Cascade (URB)	350	332	243	269	549	157	133	618	--	--
Round Butte	--	--	84	54	64	43	32	34	134	169
Oxbow	--	--	--	--	--	--	--	--	--	--
Klickitat (Tule)	0	0	--	--	--	--	--	--	--	--
Klickitat (URB)	--	--	36	0	0	--	--	--	--	--
Spring Creek	4,343	8,121	12,722	8,554	7,836	9,983	8,688	6,996	8,563	4,955
L. White Salmon (Tule)	0	0	0	0	--	--	--	332	306	218
L. White Salmon (URB)	1,647	1,730	2,041	1,980	2,870	5,161	7,839	7,488	7,699	3,968
Three-Mile Trap	--	--	522	226	361	687	603	644	166	286
Total	6,482	10,324	15,775	11,193	11,895	16,229	17,552	16,472	16,868	10,258
<i>Snake River</i>										
Lyons Ferry <sup>d</sup>	1,880	1,662	1,366	1,311	996	798	2,934	1,303	1,190	4,459
<i>Upper Columbia River</i>										
Ringold	--	--	--	--	--	--	--	597	965	333
Priest Rapids	6,496	3,479	2,636	6,097	8,963	13,819	10,740	14,280	10,836	15,029
Wells	383	370	117	258	490	--	--	--	--	--
Total	6,879	3,849	2,753	6,355	9,453	13,819	10,740	14,877	11,801	15,362
GRAND TOTAL	65,432	59,303	58,321	54,453	49,712	73,274	74,651	86,965	69,348	59,112

Adult Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1999	2000 <sup>1</sup>							
<i>Lower Columbia River</i>									
Big Creek (Tule)	6,467	2,363							
Big Creek (SAB)	293	58							
CEDC (Tule)	4	0							
CEDC (SAB)	0	4							
Klaskanine (Tule)	16	12							
Klaskanine (SAB)	319	748							
Bonneville (Tule)	1,978	376							
Bonneville (URB)	4,146	5,177							
Grays River <sup>2</sup>	5	61							
Elochoman	2,461	1,758							
Cowlitz	3,108	3,029							
Toutle	1,076	819							
Fallert Creek (Tule)	883	94							
Fallert Creek (Snake)	--	--							
Kalama Falls (Tule)	2,550	2,437							
Kalama Falls (Snake)	--	--							
Lewis/Speelyai	7	1							
Washougal	1,598	1,993							
Abernathy (Tule)	84	0							
Abernathy (SAB)	0	0							
Total	24,995	18,930							
<i>Mid-Columbia River</i>									
Cascade (Tule)	39	11							
Cascade (URB)	343	89							
Round Butte	83	97							
Oxbow	--	--							
Klickitat (Tule)	--	--							
Klickitat (URB)	--	--							
Spring Creek	14,423	5,561							
L. White Salmon (Tule)	134	14							
L. White Salmon (URB)	2,977	2,818							
Three-Mile Trap	736	641							
Total	18,735	9,231							
<i>Snake River</i>									
Lyons Ferry <sup>3</sup>	3,799	3,710							
<i>Upper Columbia River</i>									
Ringold	3,076	--							
Priest Rapids	23,097	7,115							
Wells	--	--							
Total	26,173	7,115							
GRAND TOTAL	73,702	38,986							

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include fish released upstream of the hatchery in 2000.

<sup>3</sup> Includes fish trapped at Lower Granite Dam in 2000.

## Jack Fall Chinook Returns to Columbia River Hatcheries.

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i>Lower Columbia River</i>										
Big Creek (Tule)	968	73	262	173	171	80	140	512	126	17
Big Creek (SAB)	--	--	--	--	--	--	--	--	--	--
CEDC (Tule)	--	--	--	--	--	--	--	--	--	--
CEDC (SAB)	--	--	--	--	--	--	--	--	--	--
Klaskanine (Tule)	3	0	0	0	0	0	0	18	3	0
Klaskanine (SAB)	--	--	--	--	--	--	--	--	--	--
Bonneville (Tule)	106	150	383	231	206	641	778	1,573	1,094	1,104
Bonneville (URB)	--	--	--	--	--	--	--	--	--	--
Grays River	68	19	41	106	76	62	51	152	91	111
Elochoman	125	0	29	2	9	2	1	46	0	0
Cowlitz	11,742	8,646	2,149	969	2,511	1,024	1,934	745	1,286	1,792
Toutle	494	208	40	14	5	6	0	110	410	42
Fallert Creek (Tule)	--	--	--	7	17	40	41	36	23	158
Fallert Creek (Snake)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Tule)	14	28	1	0	52	0	4	33	20	161
Kalama Falls (Snake)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai	0	0	24	76	77	9	0	1	0	140
Washougal	6	177	97	247	0	0	0	0	0	0
Abernathy (Tule)	883	135	0	608	192	128	480	238	40	22
Abernathy (SAB)	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>14,409</b>	<b>9,436</b>	<b>3,026</b>	<b>2,433</b>	<b>3,316</b>	<b>1,992</b>	<b>3,429</b>	<b>3,464</b>	<b>3,093</b>	<b>3,547</b>
<i>Mid-Columbia River</i>										
Cascade (Tule)	47	125	27	0	74	0	48	72	95	17
Cascade (URB)	--	--	--	--	--	--	--	--	--	--
Oxbow	13	13	0	12	--	--	--	--	--	--
Round Butte	--	--	--	--	--	--	--	--	--	--
Klickitat (Tule)	10	3	26	134	11	3	42	72	55	55
Klickitat (URB)	--	--	--	--	--	--	--	--	--	--
Spring Creek	114	227	190	218	335	2,321	956	2,914	927	1,750
L. White Salmon (Tule)	125	112	54	87	25	43	372	219	41	108
L. White Salmon (URB)	--	--	--	--	--	--	--	--	--	--
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>309</b>	<b>480</b>	<b>297</b>	<b>451</b>	<b>445</b>	<b>2,367</b>	<b>1,418</b>	<b>3,277</b>	<b>1,118</b>	<b>1,930</b>
<i>Snake River</i>										
Lyons Ferry	--	--	--	--	--	--	--	--	--	--
<i>Upper Columbia River</i>										
Ringold	574	192	34	381	26	1,304	--	--	--	--
Priest Rapids	--	--	11,592	882	6,160	3,327	6,951	6,240	928	3,518
Wells	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>574</b>	<b>192</b>	<b>11,626</b>	<b>1,263</b>	<b>6,186</b>	<b>4,631</b>	<b>6,951</b>	<b>6,240</b>	<b>928</b>	<b>3,518</b>
<b>GRAND TOTAL</b>	<b>15,292</b>	<b>10,108</b>	<b>14,949</b>	<b>4,147</b>	<b>9,947</b>	<b>8,990</b>	<b>11,798</b>	<b>12,981</b>	<b>5,139</b>	<b>8,995</b>

Jack Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Big Creek (Tule)	66	70	526	393	75	368	316	3,554	142	124
Big Creek (SAB)	--	--	--	--	--	57	12	65	25	181
CEDC (Tule)	--	--	--	--	--	0	2	10	0	1
CEDC (SAB)	--	--	--	--	--	62	2	31	1	1
Klaskanine (Tule)	0	1	3	3	1	0	0	3	0	2
Klaskanine (SAB)	--	--	--	--	--	0	0	4	0	0
Bonneville (Tule)	1,916	2,235	5,162	2,199	587	244	102	6,907	180	280
Bonneville (URB)	--	188	296	1,203	338	201	253	706	919	1,347
Grays River	4	6	31	26	6	68	131	253	42	90
Elochoman	0	0	1	3	1	6	23	139	19	42
Cowlitz	801	221	976	1,130	496	586	3,348	1,923	1,267	953
Toutle	45	--	--	--	--	--	--	--	--	--
Fallert Creek (Tule)	173	360	161	60	41	31	396	169	52	26
Fallert Creek (Snake)	--	--	--	743	116	--	--	--	--	--
Kalama Falls (Tule)	113	262	74	79	9	13	254	173	56	36
Kalama Falls (Snake)	--	--	38	233	34	0	2	1	--	--
Lewis/Speelyai	295	46	113	178	151	219	364	99	399	37
Washougal	0	121	101	243	62	159	5,633	586	104	225
Abernathy (Tule)	132	130	575	1,016	192	185	243	1,819	169	442
Abernathy (SAB)	--	--	--	--	--	--	--	--	--	5
Total	3,545	3,640	8,057	7,509	2,109	2,199	11,081	16,442	3,375	3,792
<i>Mid-Columbia River</i>										
Cascade (Tule)	48	104	15	76	108	4	81	23	28	76
Cascade (URB)	--	--	--	--	--	69	27	6	47	120
Oxbow	--	--	--	--	--	--	--	--	--	--
Round Butte	--	--	--	--	--	--	--	--	--	--
Klickitat (Tule)	505	0	1	23	13	9	7	45	2	0
Klickitat (URB)	--	--	--	--	--	--	--	--	--	--
Spring Creek	1,174	2,822	6,451	739	1,005	799	84	90	96	829
L. White Salmon (Tule)	11	114	261	101	53	17	36	80	12	11
L. White Salmon (URB)	--	--	--	--	--	164	441	286	367	155
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
Total	1,738	3,040	6,728	939	1,179	1,062	676	530	552	1,191
<i>Snake River</i>										
Lyons Ferry	--	--	--	--	--	48	4,160	1,148	590	1,059
<i>Upper Columbia River</i>										
Ringold	--	--	--	14	50	0	0	710	2,131	--
Priest Rapids	3,849	2,584	2,309	5,119	2,982	6,846	18,800	11,588	1,939	1,685
Wells	--	--	--	--	--	--	--	--	--	--
Total	3,849	2,584	2,309	5,133	3,032	6,846	18,800	12,298	4,070	1,685
GRAND TOTAL	9,132	9,264	17,094	13,581	6,320	10,155	34,717	30,418	8,587	7,727

Jack Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Big Creek (Tule)	55	175	151	129	338	162	408	297	66	574
Big Creek (SAB)	220	124	126	431	191	399	767	278	87	55
CEDC (Tule)	2	0	0	0	0	15	1	0	0	0
CEDC (SAB)	1	1	0	1	0	3	21	1	1	0
Klaskanine (Tule)	2	2	5	0	2	2	7	0	0	0
Klaskanine (SAB)	0	0	0	0	0	0	5	0	3	0
Bonneville (Tule)	312	1,985	1,133	947	265	359	696	629	436	920
Bonneville (URB)	1,429	2,487	1,949	2,171	323	1,434	2,114	320	305	138
Grays River	17	28	7	10	4	3	3	1	2	14
Elochoman	9	13	21	32	29	43	63	12	0	46
Cowlitz	861	473	184	302	709	592	510	244	137	204
Toutle	--	27	7	32	40	16	52	16	4	16
Fallert Creek (Tule)	14	161	50	52	100	103	87	12	26	182
Fallert Creek (Snake)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Tule)	13	143	141	42	51	56	220	90	27	27
Kalama Falls (Snake)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai	27	7	0	13	3	3	13	0	0	0
Washougal	202	296	58	276	128	279	126	21	89	16
Abernathy (Tule)	114	475	47	60	145	143	160	62	8	50
Abernathy (SAB)	8	0	0	6	0	0	0	0	0	0
Total	3,286	6,397	3,879	4,504	2,328	3,612	5,253	1,983	1,191	2,242
<i>Mid-Columbia River</i>										
Cascade (Tule)	37	99	45	0	16	58	9	23	--	0
Cascade (URB)	66	279	266	31	17	26	102	21	--	0
Oxbow	--	--	--	--	--	--	--	--	--	--
Round Butte	--	--	34	34	4	123	31	33	16	168
Klickitat (Tule)	0	0	--	--	--	--	--	--	--	--
Klickitat (URB)	--	--	1	0	0	--	--	--	--	--
Spring Creek	550	3,313	1,233	615	662	1,006	1,566	938	229	5,339
L. White Salmon (Tule)	0	0	0	0	--	--	--	3	3	196
L. White Salmon (URB)	171	400	340	306	186	395	933	105	161	106
Three-Mile Trap	--	--	742	78	45	605	626	685	227	383
Total	824	4,091	2,661	1,064	930	2,213	3,267	1,808	636	6,192
<i>Snake River</i>										
Lyons Ferry	602	981	593	213	162	484	0	503	65	639
<i>Upper Columbia River</i>										
Ringold	--	--	--	--	--	--	46	2	19	51
Priest Rapids	381	451	1,088	1,161	277	752	982	131	1,625	1,128
Wells	4	47	18	56	20	--	--	--	--	--
Total	385	498	1,106	1,217	297	752	982	133	1,644	1,179
GRAND TOTAL	5,097	11,967	8,239	6,998	3,717	7,061	9,502	4,427	3,536	10,252

Jack Fall Chinook Returns to Columbia River Hatcheries continued.

Area/Hatchery	1999	2000 <sup>†</sup>							
<i>Lower Columbia River</i>									
Big Creek (Tule)	46	835							
Big Creek (SAB)	0	9							
CEDC (Tule)	0	0							
CEDC (SAB)	0	2							
Klaskanine (Tule)	1	0							
Klaskanine (SAB)	21	47							
Bonneville (Tule)	66	198							
Bonneville (URB)	331	2,412							
Grays River	0	0							
Elochoman	0	14							
Cowlitz	108	746							
Toutle	12	151							
Fallert Creek (Tule)	18	80							
Fallert Creek (Snake)	--	--							
Kalama Falls (Tule)	22	86							
Kalama Falls (Snake)	--	--							
Lewis/Speelyai	0	0							
Washougal	15	478							
Abernathy (Tule)	0	0							
Abernathy (SAB)	0	0							
Total	640	5,058							
<i>Mid-Columbia River</i>									
Cascade (Tule)	1	12							
Cascade (URB)	15	56							
Oxbow	--	--							
Round Butte	105	170							
Klickitat (Tule)	--	--							
Klickitat (URB)	--	--							
Spring Creek	261	5,830							
L. White Salmon (Tule)	0	0							
L. White Salmon (URB)	114	680							
Three-Mile Trap	289	5,203							
Total	785	11,951							
<i>Snake River</i>									
Lyons Ferry	768	1,121							
<i>Upper Columbia River</i>									
Ringold	108	--							
Priest Rapids	258	553							
Wells	--	--							
Total	366	553							
GRAND TOTAL	2,559	18,683							

<sup>†</sup> Preliminary.



## Adult Coho Returns to Columbia River Hatcheries.

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i>Lower Columbia River</i>										
Big Creek	8,213	6,211	5,864	3,051	833	1,586	802	2,176	476	5,437
CEDC	--	--	--	--	--	--	--	--	--	--
Bonneville	3,906	44,310	38,662	10,800	10,574	38,457	13,427	26,330	3,848	41,294
Klaskanine	2,761	3,903	3,042	2,521	1,104	2,235	687	2,343	499	1,942
Sandy	3,370	14,311	4,425	5,603	2,875	9,719	5,695	8,409	5,359	8,751
Grays R. (Early)	5,840	8,834	4,585	2,186	2,531	11,203	499	2,040	540	6,744
Elochoman (Early) <sup>2</sup>	6,868	15,233	15,203	9,354	5,796	13,000	986	10,772	1,329	7,443
Elochoman (Late)	--	--	--	--	--	--	--	--	--	--
Cowlitz (Late)	4,913	63,407	33,239	16,058	18,653	17,627	22,724	25,166	10,299	20,512
Toutle (Early)	25,757	49,694	35,000	15,761	8,929	25,607	16,376	14,269	10,409	14,711
Fallert Creek (Early) <sup>2</sup>	3,008	6,031	5,213	4,696	1,250	5,809	2,147	3,178	2	5,854
Fallert Creek (Late)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Early) <sup>2</sup>	11,556	28,902	18,423	7,874	3,237	4,441	2,527	7,004	626	4,301
Kalama Falls (Late)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai (Early) <sup>2</sup>	3,251	8,069	9,957	6,237	3,836	13,891	12,172	2,126	1,409	2,365
Lewis/Speelyai (Late)	--	--	--	--	--	--	--	--	--	--
Washougal (Early) <sup>2</sup>	9,787	17,392	6,674	2,902	3,682	7,711	4,792	8,815	1,477	9,165
Washougal (Late)	--	--	--	--	--	--	--	--	--	--
Eagle Creek	<u>2,727</u>	<u>9,150</u>	<u>7,356</u>	<u>4,249</u>	<u>4,944</u>	<u>1,473</u>	<u>2,576</u>	<u>4,632</u>	<u>790</u>	<u>3,307</u>
Total	91,957	275,447	187,643	91,292	68,244	152,759	85,410	117,260	37,063	131,826
<i>Mid-Columbia River</i>										
Cascade	1,514	11,184	1,902	1,103	2,563	5,998	814	3,565	159	2,941
Klickitat	1,523	1,311	1,046	292	390	129	27	119	29	86
L. White Salmon	8,906	29,725	17,141	3,994	1,610	3,788	15,819	10,757	1,800	4,780
Three-Mile Trap	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
Total	11,943	42,220	20,089	5,389	4,563	9,915	16,660	14,441	1,988	7,807
<i>Upper Columbia River</i>										
Rocky Reach (Early)	--	--	--	--	--	--	--	--	--	--
Leavenworth	<u>9</u>	<u>0</u>	<u>293</u>	<u>778</u>	<u>0</u>	<u>67</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
GRAND TOTAL	103,909	317,667	208,025	97,459	72,807	162,741	102,070	131,701	39,051	139,633

Adult Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Big Creek	3,897	4,797	3,320	2,336	1,136	5,950	9,124	18,425	6,785	1,542
CEDC	--	--	--	--	--	177	20	347	14	0
Bonneville	20,699	23,529	7,977	33,778	8,803	14,488	23,702	53,669	11,417	11,024
Klaskanine	5,487	1,127	916	1,771	1,489	4,228	4,152	19,462	974	3,143
Sandy	8,692	9,500	6,884	13,944	4,756	12,290	8,145	25,872	5,467	10,297
Grays R. (Early)	5,283	1,390	530	4,069	178	2,684	828	1,883	376	3,035
Elochoman (Early) <sup>2</sup>	10,289	9,019	4,823	11,909	0	0	0	0	0	3,754
Elochoman (Late)	--	--	75	1,850	495	3,094	5,563	5,458	1,267	2,766
Cowitz (Late)	13,912	29,804	27,003	22,528	24,493	26,149	18,610	54,685	18,716	30,888
Toutle (Early)	9,184	--	--	--	--	--	--	--	--	--
Fallert Creek (Early) <sup>2</sup>	2,182	3,082	2,260	74	107	0	961	38	150	1,143
Fallert Creek (Late)	--	--	181	1,412	382	168	123	40	75	0
Kalama Falls (Early) <sup>2</sup>	5,594	6,478	0	693	1,040	185	440	5,578	294	4,877
Kalama Falls (Late)	--	--	4,142	4,228	2,363	1,312	590	6,921	1,150	1,922
Lewis/Speelyai (Early) <sup>2</sup>	3,095	7,408	4,669	12,709	4,365	5,324	1,016	2,914	3,388	4,997
Lewis/Speelyai (Late)	--	--	--	10,803	13,410	9,712	9,236	48,001	9,036	27,765
Washougal (Early) <sup>2</sup>	7,252	13,532	12,830	16,956	4,483	7,341	4,489	16,999	551	580
Washougal (Late)	--	--	--	4,917	4,105	6,375	2,743	10,443	3,196	3,000
Eagle Creek	<u>7,042</u>	<u>12,539</u>	<u>2,301</u>	<u>10,136</u>	<u>1,951</u>	<u>2,166</u>	<u>4,461</u>	<u>13,394</u>	<u>3,211</u>	<u>2,892</u>
Total	102,608	122,205	77,911	154,113	73,556	101,643	94,203	284,129	66,067	113,625
<i>Mid-Columbia River</i>										
Cascade	2,392	1,715	260	1,801	346	495	928	3,493	783	1,363
Klickitat	114	2	0	0	0	0	0	779	0	522
L. White Salmon	5,035	1,641	8,957	30,589	1,870	6,619	10,591	25,014	7,771	3,032
Three-Mile Trap	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
Total	7,541	3,358	9,217	32,390	2,216	7,114	11,519	29,286	8,554	4,917
<i>Upper Columbia River</i>										
Rocky Reach (Early)	--	--	--	--	--	--	--	74	0	0
Leavenworth	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
GRAND TOTAL	110,149	125,563	87,128	186,503	75,772	108,757	105,722	313,489	74,621	118,542

Adult Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Big Creek	8,879	4,703	5,948	5,691	695	4,614	3,208	2,788	3,998	1,949
CEDC	118	376	326	286	478	703	111	314	189	877
Bonneville	36,791	12,281	24,686	13,085	8,764	27,410	4,850	14,883	14,960	6,061
Klaskanine	2,607	1,730	4,397	2,316	681	1,554	416	1,098	726	27
Sandy	21,348	6,131	11,534	13,277	231	7,947	3,264	328	1,276	5,476
Grays R. (Early)	3,739	1,594	3,403	217	102	169	54	1,240	659	62
Elochoman (Early) <sup>2</sup>	0	0	7,313	160	1,102	2,914	1,086	1,253	601	19
Elochoman (Late)	6,203	7,963	9,700	1,560	1,100	829	939	0	0	567
Cowitz (Late)	35,417	13,009	46,303	14,780	5,641	6,922	7,637	11,352	15,694	19,231
Toutle (Early)	--	2,745	13,374	1,328	7,075	6,106	2,137	15,023	8,399	6,506
Fallert Creek (Early) <sup>2</sup>	1,127	2,286	4,108	309	1,513	1,520	1,351	1,055	1,068	2,796
Fallert Creek (Late)	0	0	0	0	0	0	5	0	0	0
Kalama Falls (Early) <sup>2</sup>	892	2,951	342	0	0	0	0	0	0	1,478
Kalama Falls (Late)	3,073	2,634	2,868	705	72	572	660	233	278	282
Lewis/Speelyai (Early) <sup>2</sup>	13,357	4,733	27,752	4,369	1,713	3,916	1,141	4,784	5,943	6,882
Lewis/Speelyai (Late)	34,998	21,286	46,220	17,368	8,719	8,513	1,299	5,291	12,571	16,130
Washougal (Early) <sup>2</sup>	--	--	--	--	--	--	--	--	0	2,051
Washougal (Late)	5,567	2,042	9,316	6,252	616	1,241	515	1,085	2,111	1,605
Eagle Creek	9,165	1,314	5,724	3,435	575	2,795	2,820	1,514	1,246	12,612
Total	183,281	87,778	223,314	85,138	39,077	77,725	31,493	62,241	69,719	84,611
<i>Mid-Columbia River</i>										
Cascade	2,031	963	4,124	1,236	1,093	1,303	216	868	--	952
Klickitat	0	0	0	0	0	0	0	0	0	0
L. White Salmon	9,408	2,079	12,166	3,608	667	1,607	1,268	502	3,506	8,436
Three-Mile Trap	--	--	1,733	355	1,537	985	946	616	675	3,081
Total	11,439	3,042	18,023	5,199	3,297	3,895	2,430	1,986	4,181	12,469
<i>Upper Columbia River</i>										
Rocky Reach (Early)	0	0	0	0	0	0	0	0	0	0
Leavenworth	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	194,720	90,820	241,337	90,337	42,374	81,620	33,923	64,227	73,900	97,080

Adult Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1999	2000 <sup>1</sup>							
<i>Lower Columbia River</i>									
Big Creek	1,684	4,034							
CEDC	403	309							
Bonneville	4,512	18,116							
Klaskanine	48	50							
Sandy	1,013	12,506							
Grays R. (Early)	710	12,910							
Elochoman (Early) <sup>2</sup>	2,131	6,851							
Elochoman (Late)	2,693	4,526							
Cowlitz (Late)	40,321	50,395							
Toutle (Early)	12,508	28,774							
Fallert Creek (Early) <sup>2</sup>	4,887	2,702							
Fallert Creek (Late)	0	3,600							
Kalama Falls (Early) <sup>2</sup>	1,834	1,587							
Kalama Falls (Late)	1,095	6,510							
Lewis/Speelyai (Early) <sup>2</sup>	17,466	17,037							
Lewis/Speelyai (Late)	17,717	23,199							
Washougal (Early) <sup>2</sup>	539	220							
Washougal (Late)	2,581	5,597							
Eagle Creek	11,779	33,106							
Total	123,921	232,029							
<i>Mid-Columbia River</i>									
Cascade	396	1,270							
Klickitat	0	0							
L. White Salmon	862	15,302							
Three-Mile Trap	3,695	4,557							
Total	4,953	21,129							
<i>Upper Columbia River</i>									
Rocky Reach (Early)	0	1,298							
Leavenworth	--	--							
GRAND TOTAL	128,874	254,456							

<sup>1</sup> Preliminary.

<sup>2</sup> Prior to the early 1980's, late stock coho were not counted separate from early stock.

<sup>3</sup> The Rocky Reach complex now comprises Turtle Rock, Eastbank, Dryden Dam, and Chiwawa fish collection facilities.

## Jack Coho Returns to Columbia River Hatcheries.

Area/Hatchery	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
<i>Lower Columbia River</i>										
Big Creek	3,169	3,663	1,305	2,477	2,969	329	1,329	333	2,664	858
CEDC	--	--	--	--	--	--	--	--	--	--
Bonneville	13,664	19,619	11,693	5,008	6,717	2,557	4,662	1,598	14,059	3,546
Klaskanine	11,776	9,039	5,476	3,735	15,171	2,250	9,224	2,203	5,397	7,201
Sandy	3,472	3,788	2,123	1,086	6,224	1,567	2,504	2,186	1,276	324
Grays R. (Early)	8,442	5,972	1,619	1,255	7,606	2,589	3,044	323	1,744	1,283
Elochoman (Early) <sup>2</sup>	4,672	6,588	2,502	1,271	10,602	1,179	6,145	1,386	2,696	2,521
Elochoman (Late)	--	--	--	--	--	--	--	--	--	--
Cowlitz (Late)	52,859	68,523	37,813	20,591	41,840	26,286	77,076	18,041	49,194	16,834
Toutle (Early)	3,461	2,110	1,480	571	582	298	236	333	2,965	437
Fallert Creek (Early) <sup>2</sup>	1,915	1,271	1,987	2,061	889	182	1,798	532	1,752	781
Fallert Creek (Late)	--	--	--	--	--	--	--	--	--	--
Kalama Falls (Early) <sup>2</sup>	2,579	1,359	366	868	362	251	116	28	733	1,098
Kalama Falls (Late)	--	--	--	--	--	--	--	--	--	--
Lewis/Speelyai (Early) <sup>2</sup>	2,477	2,689	2,958	2,269	3,204	1,571	834	78	1,105	698
Lewis/Speelyai (Late)	--	--	--	--	--	--	--	--	--	--
Washougal (Early) <sup>2</sup>	0	0	924	0	0	0	0	0	274	8,500
Washougal (Late)	--	--	--	--	--	--	--	--	--	--
Eagle Creek	836	2,300	1,185	2,930	1,852	517	4,673	420	2,655	1,567
<b>Total</b>	<b>109,322</b>	<b>126,921</b>	<b>71,431</b>	<b>44,122</b>	<b>98,018</b>	<b>39,576</b>	<b>111,641</b>	<b>27,461</b>	<b>86,514</b>	<b>45,648</b>
<i>Mid-Columbia River</i>										
Cascade	3,017	1,740	889	858	592	162	404	116	2,971	617
Klickitat	581	670	301	50	11	14	62	5	75	91
L. White Salmon	2,404	1,957	1,436	226	381	429	3,109	366	532	228
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
<b>Total</b>	<b>6,002</b>	<b>4,367</b>	<b>2,626</b>	<b>1,134</b>	<b>984</b>	<b>605</b>	<b>3,575</b>	<b>487</b>	<b>3,578</b>	<b>936</b>
<i>Upper Columbia River</i>										
Rocky Reach (Early)	--	--	--	--	--	--	--	--	--	--
Leavenworth	--	--	--	--	--	--	--	--	--	--
<b>GRAND TOTAL</b>	<b>115,324</b>	<b>131,288</b>	<b>74,057</b>	<b>45,256</b>	<b>99,002</b>	<b>40,181</b>	<b>115,216</b>	<b>27,948</b>	<b>90,092</b>	<b>46,584</b>

Jack Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Lower Columbia River</i>										
Big Creek	295	221	152	160	331	173	761	672	225	163
CEDC	--	--	--	--	--	130	71	73	330	0
Bonneville	4,551	4,788	2,403	5,843	1,209	263	581	3,250	636	1,526
Klaskanine	3,434	745	814	1,447	1,701	4,776	7,749	3,217	7,794	4,627
Sandy	590	204	265	1,234	705	279	3,024	833	3,727	2,373
Grays R. (Early)	810	1,040	1,313	1,744	112	89	182	92	1,012	1,609
Elochoman (Early) <sup>2</sup>	3,410	1,033	241	0	0	0	0	0	0	764
Elochoman (Late)	--	--	0	599	609	1,234	892	682	3,477	2,127
Cowitz (Late)	15,843	17,449	12,183	16,577	10,111	4,754	15,296	9,103	19,178	11,104
Toutle (Early)	195	--	--	--	--	--	--	--	--	--
Fallert Creek (Early) <sup>2</sup>	3,016	1,271	493	108	5	68	6	29	237	28
Fallert Creek (Late)	--	--	662	474	807	319	85	0	36	0
Kalama Falls (Early) <sup>2</sup>	662	874	0	735	112	529	185	158	450	86
Kalama Falls (Late)	--	--	385	936	354	316	546	163	423	1,329
Lewis/Speelyai (Early) <sup>2</sup>	188	385	3,532	1,028	6,895	107	650	95	6,954	464
Lewis/Speelyai (Late)	--	--	--	9,019	5,878	1,983	14,207	1,313	17,053	13,634
Washougal (Early) <sup>2</sup>	186	920	1,850	1,079	440	481	1,434	48	18	24
Washougal (Late)	--	--	--	687	836	1,065	965	158	39	215
Eagle Creek	708	1,864	1,692	1,027	877	239	877	1,200	432	928
Total	33,888	30,794	25,985	42,697	30,982	16,805	47,511	21,086	62,021	41,001
<i>Mid-Columbia River</i>										
Cascade	1,149	85	104	285	33	133	192	33	40	15
Klickitat	9	53	0	0	0	40	0	7	0	6
L. White Salmon	46	466	273	194	1,057	444	907	711	1,314	289
Three-Mile Trap	--	--	--	--	--	--	--	--	--	--
Total	1,204	604	377	479	1,090	617	1,099	751	1,354	310
<i>Upper Columbia River</i>										
Rocky Reach (Early)	--	--	--	--	--	--	--	67	0	--
Leavenworth	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	35,092	31,398	26,362	43,176	32,072	17,422	48,610	21,904	63,375	41,311

Jack Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Lower Columbia River</i>										
Big Creek	1,135	986	436	77	45	32	166	138	112	85
CEDC	1,264	3,108	650	1,923	26	259	560	324	370	203
Bonneville	5,246	1,519	410	1,493	205	362	234	264	363	312
Klaskanine	2,907	3,360	1,700	878	55	192	1,883	1,030	8	0
Sandy	1,194	460	413	652	11	125	38	314	140	93
Grays R. (Early)	731	1,175	60	9	1	13	138	127	0	102
Elochoman (Early) <sup>2</sup>	586	0	56	220	59	38	179	0	0	969
Elochoman (Late)	3,974	2,413	10	134	22	38	19	0	0	1,533
Cowitz (Late)	7,468	11,278	4,991	3,511	1,336	1,507	5,860	2,964	1,038	5,799
Toutle (Early)	--	1,491	248	1,469	67	23	564	786	39	398
Fallert Creek (Early) <sup>2</sup>	248	1,724	154	165	9	26	213	65	282	1,053
Fallert Creek (Late)	0	0	0	0	0	0	0	0	0	0
Kalama Falls (Early) <sup>2</sup>	75	423	27	0	0	0	0	0	0	695
Kalama Falls (Late)	660	887	52	170	2	27	52	15	6	467
Lewis/Speelyai (Early) <sup>2</sup>	451	1,050	199	422	27	136	641	1,007	260	4,047
Lewis/Speelyai (Late)	7,076	6,613	3,011	4,478	417	121	460	2,619	307	2,140
Washougal (Early) <sup>2</sup>	--	--	--	--	--	--	--	--	--	70
Washougal (Late)	744	347	358	282	13	27	62	77	1	120
Eagle Creek	863	1,897	689	369	34	337	291	151	579	1,214
Total	34,622	38,731	13,464	16,252	2,329	3,263	11,360	9,881	3,505	19,300
<i>Mid-Columbia River</i>										
Cascade	28	277	65	94	29	57	136	31	--	20
Klickitat	0	0	0	0	0	0	0	0	0	0
L. White Salmon	1,781	6,309	544	226	68	72	100	266	876	49
Three-Mile Trap	--	--	187	174	16	62	53	24	158	192
Total	1,809	6,586	796	494	113	191	289	321	1,034	261
<i>Upper Columbia River</i>										
Rocky Reach (Early)	0	0	0	0	0	0	0	0	0	0
Leavenworth	--	--	--	--	--	--	--	--	--	--
GRAND TOTAL	36,431	45,317	14,260	16,746	2,442	3,454	11,649	10,202	4,539	19,561

Jack Coho Returns to Columbia River Hatcheries continued.

Area/Hatchery	1999	2000 <sup>1</sup>							
<i>Lower Columbia River</i>									
Big Creek	424	2,428							
CEDC	82	2,292							
Bonneville	163	1,036							
Klaskanine	99	190							
Sandy	504	975							
Grays R. (Early)	276	746							
Elochoman (Early) <sup>2</sup>	231	1,798							
Elochoman (Late)	1,133	1,822							
Cowlitz (Late)	10,151	13,942							
Toutle (Early)	1,177	1,330							
Fallert Creek (Early) <sup>2</sup>	201	1,166							
Fallert Creek (Late)	8	0							
Kalama Falls (Early) <sup>2</sup>	37	908							
Kalama Falls (Late)	204	3,764							
Lewis/Speelyai (Early) <sup>2</sup>	2,362	7,281							
Lewis/Speelyai (Late)	6,750	10,908							
Washougal (Early) <sup>2</sup>	4	109							
Washougal (Late)	378	330							
Eagle Creek	945	5,440							
Total	25,129	56,465							
<i>Mid-Columbia River</i>									
Cascade	11	61							
Klickitat	0	0							
L. White Salmon	702	1,790							
Three-Mile Trap	203	1,256							
Total	916	3,107							
<i>Upper Columbia River</i>									
Rocky Reach (Early)	0	5							
Leavenworth	--	--							
GRAND TOTAL	26,045	59,577							

<sup>1</sup> Preliminary.

<sup>2</sup> Prior to the early 1980's, late stock coho were not counted separate from early stock.

<sup>3</sup> The Rocky Reach complex now comprises Turtle Rock, Eastbank, Dryden Dam, and Chiwawa fish collection facilities.