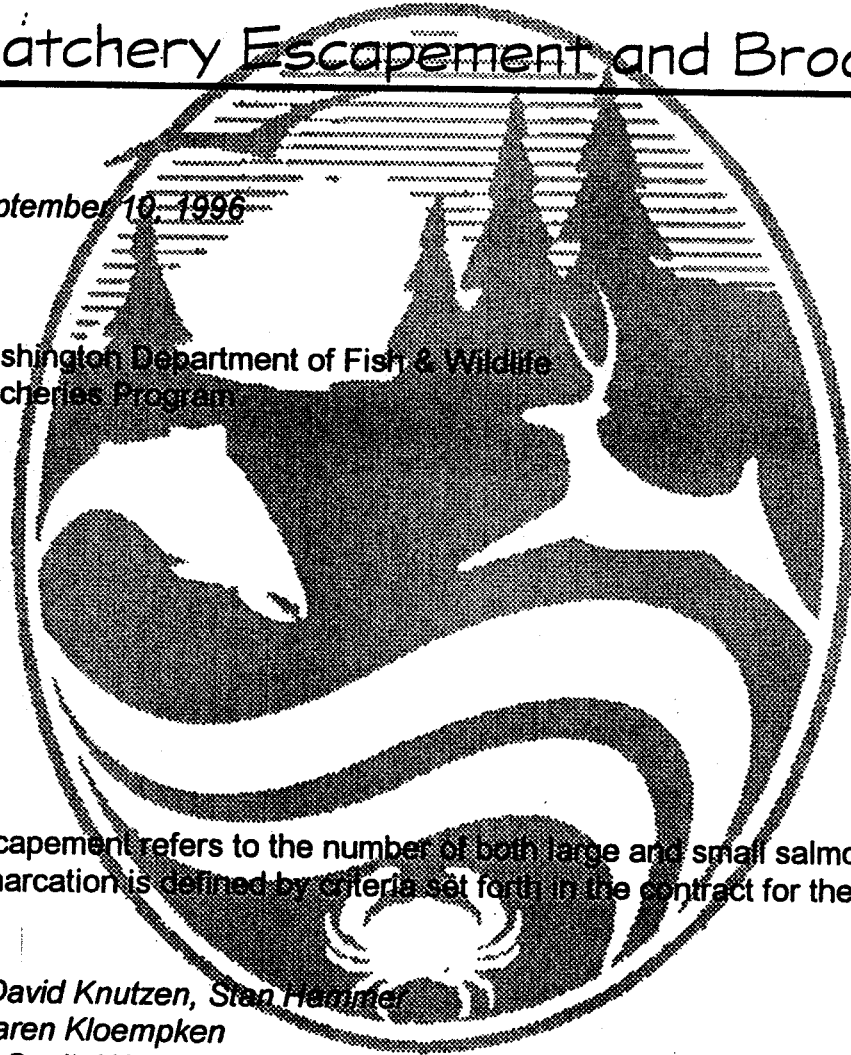


1995/1996 Amended Final Hatchery Escapement and Broodstock Report*

September 10, 1996

Washington Department of Fish & Wildlife
Hatcheries Program



*Escapement refers to the number of both large and small salmonids returning to the hatchery rack. The large/small demarcation is defined by criteria set forth in the contract for the sale of salmon carcasses, not by biological criteria.

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TOTAL ESCAPEMENT BY SPECIES

Species	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
	Large	Small	Eggtake	Eggtake	Large*	Small*	Large*	Small*
Spring Chinook	8,352	3,082	9,783,300	12,550,000	631	30	7,721	3,052
Summer Chinook	6,927	515	6,911,567	7,035,000	1,299	144	5,628	371
Fall Chinook	113,190	6,077	124,972,400	126,145,000	8,491	922	104,699	5,155
Coho	281,746	29,009	63,519,836	67,232,000	77,476	7,227	204,270	21,782
Chum	143,646	5	49,417,300	51,860,000	24,915	2	118,731	3
Sockeye	5,899	0	5,566,900	16,300,000	80	0	5,819	0
Pink	37,567	0	6,132,100	9,835,000	12,702	0	24,865	0
Summer Steelhead	16,010	24	7,632,987	7,190,000	11,160	1	4,850	23
Winter Steelhead	16,623	112	8,428,963	9,225,000	10,322	13	6,301	99
Sea-Run Cutthroat	9,171	24	1,585,723	1,180,000	3,429	24	6,087	0
Dolly Varden/Bull Trout	580	0	0	0	580	0	0	0
Kokanee	48,633	777	6,649,948	17,020,000	0	47	48,633	730
TOTAL ESCAPEMENT	688,344	39,625	290,601,024	325,572,000	151,085	8,410	537,604	31,215

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

Coho: Large fish are greater than 18" in total length, small fish are less than or equal to 18" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

TOTAL BROODSTOCK BY SPECIES

Species	TOTAL BROODSTOCK HANDLED			Goal**	BROODSTOCK PLANTED	
	Large	Small	Eggtake	Eggtake	Large	Small
Rainbow	17,254	0	24,396,251	21,175,000	1,051	0
Cutthroat	6,182	0	2,187,642	2,920,000	558	0
Lake Trout	432	0	591,088	100,000	0	0
Golden Trout	177	10	25,519	10,000	0	0
Eastern Brook Trout	3,434	0	1,047,440	900,000	981	0
German Brown	3,193	0	1,505,100	1,000,000	1,413	0
Walleye	89	0	599,067	0	47	0
Smallmouth Bass	36	0	3,000	0	35	0
TOTAL BROODSTOCK	30,797	10	30,355,107	26,105,000	4,085	0

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

SPRING CHINOOK

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement LessUpstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
<u>PUGET SOUND REGION</u>									
Kendall Creek	Nooksack	769	304	202,000	1,800,000	0	0	769	304
Marblemount	Skagit	984	96	844,500	590,000	0	0	984	96
Minter	White River	565	242	0	0	0	0	565	242
Hupp Springs	White River	0	0	482,000	(see footnote 4)	0	0	0	0
	SSNP	673	0	673,000	(see footnote 4)	0	0	673	0
Hoodsport	Solduc/Quilicene	26	12	12,000	118,000	0	0	26	12
Hurd Creek	Dungeness	167	99	22,500	40,000	0	0	167	99
SUBTOTAL		3,184	753	2,236,000	2,548,000	0	0	3,184	753
<u>COASTAL REGION</u>									
Solduc	Solduc	438	3	834,000	820,000	0	0	438	3
SUBTOTAL		438	3	834,000	820,000	0	0	438	3

- 1) 565 large fish and 240 small fish were shipped to Hupp Springs Hatchery. Eggtake is listed under Hupp Springs, White River stock.
- 2) Captive White River spring chinook were reared and held in saltwater net pens. Mature large fish were transferred to Hupp Springs Hatchery before spawning.
- 3) Captive broodstock were reared and held in freshwater ponds. Mature large fish were spawned at Hurd Creek Hatchery.
- 4) Eggtake goal at Hupp Springs Hatchery is 725,000 White River Spring Chinook. Eggtake goal is achieved from both escapement and captive broodstock programs

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

SPRING CHINOOK CONT.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement LessUpstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
COLUMBIA RIVER REGION									
Cowlitz Salmon	Cowlitz	1,772	440	2,815,000	4,000,000	14	0	1,758	440
	Lewis River	0	0	70,000	0	0	0	0	0
Kalama Falls	Kalama River	330	5	527,300	589,000	0	5	330	0
Lewis River	Lewis River	1,553	21	0	0	595	16	958	5
Speelyai	Lewis River	0	0	1,616,000	1,500,000	0	0	0	0
Klickitat	Klickitat	484	1,697	800,000	708,000	0	0	484	1,697
Lyons Ferry	Tucannon	0	0	73,500	185,000	0	0	0	0
	Ringold	0	0	780,000	1,300,000	0	0	0	0
Ringold	Ringold	519	150	0	0	0	0	519	150
Eastbank	Wenatchee	5	0	0	0	5	0	0	0
Chiwawa	Chiwawa	14	9	0	900,000	14	9	0	0
Methow	Methow	13	1	31,500	0	3	0	10	1
Tucannon	Tucannon	40	3	0	0	0	0	40	3
SUBTOTAL		4,730	2,326	6,713,300	9,182,000	631	30	4,099	2,296
TOTAL ESCAPEMENT		8,352	3,082	9,783,300	12,550,000	631	30	7,721	3,052

1) 980 large fish and 4 small fish were shipped to Speelyai Hatchery to be spawned. Eggtake is listed under Speelyai.

40 large fish were shipped to Cowlitz Salmon for erythromycin testing. Eggtake is listed under Cowlitz Salmon.

2) 40 large fish and 3 small fish were shipped to Lyons Ferry Hatchery to be spawned. Eggtake is listed under Lyons Ferry, Tucannon stock.

3) 519 large fish were shipped to Lyons Ferry Hatchery. Eggtake is listed under Lyons Ferry, Ringold stock.

4) All fish passed upstream due to the wildstock protocol agreement.

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

SUMMER CHINOOK

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream		
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*	
<u>PUGET SOUND REGION</u>										
Marblemount	Skagit	1	2,467	125	194,067	275,000	0	0	2,467	125
Wallace River	Skykomish		1,232	188	1,430,000	1,500,000	480	28	752	160
Sunset Falls Trap	Skykomish		166	48	0	0	166	48	0	0
SUBTOTAL			3,865	361	1,624,067	1,775,000	646	76	3,219	285
<u>COLUMBIA RIVER REGION</u>										
Dryden Dam	Wenatchee River	2	735	19	0	0	278	18	457	1
Eastbank	Wenatchee River	2	0	0	1,067,500	1,060,000	0	0	0	0
Wells	Wells		2,327	135	4,220,000	4,200,000	375	50	1,952	85
SUBTOTAL			3,062	154	5,287,500	5,260,000	653	68	2,409	86
TOTAL ESCAPEMENT			6,927	515	6,911,567	7,035,000	1,299	144	5,628	371

1) Wild broodstock were recovered from the Skagit River then spawned and incubated at Marblemount Hatchery.

2) Total Dryden Dam escapement includes 397 adults and 1 jack that were shipped to Eastbank Hatchery to be spawned.

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

FALL CHINOOK

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
<u>PUGET SOUND REGION</u>									
Kendall Creek	Nooksack	1,037	100	1,774,000	(see footnote 4)	0	0	1,037	100
Samish	Samish	7,001	473	13,003,000	17,200,000	45	9	6,956	464
Whatcom Creek	Whatcom	257	84	281,000	1,100,000	96	30	161	54
Marblemount	Skagit	109	6	0	0	0	0	109	6
Baker River Trap	Baker River	358	0	0	0	358	0	0	0
Wallace River	Skykomish	3,171	623	4,575,000	3,600,000	101	10	3,070	613
Sunset Falls Trap	Skykomish	740	95	0	0	740	95	0	0
Issaquah	Issaquah	1,907	270	3,041,800	2,425,000	0	0	1,907	270
Soos Creek	Soos Creek	10,518	122	7,363,000	4,950,000	400	0	10,118	122
Minter Creek	Minter Creek	1,045	20	1,393,000	2,500,000	16	5	1,029	15
Coulter Creek	Coulter Creek	2,490	24	1,851,000	1,200,000	0	0	2,490	24
Garrison	Chambers Creek	1,190	300	1,284,000	970,000	0	0	1,190	300
Voights Creek	Voights Creek	2,030	103	3,250,000	2,525,000	111	0	1,919	103
McAllister	McAllister	2,982	161	1,710,000	1,700,000	0	0	2,982	161
Tumwater Falls	Deschutes River	24,304	416	8,775,000	6,000,000	4,868	103	19,436	313
George Adams	George Adams	5,447	240	6,821,000	5,500,000	251	15	5,196	225
Hoodsport	Hood Canal	2,429	761	3,888,000	6,000,000	451	6	1,978	755
Elwha	Elwha	656	0	1,608,000	4,750,000	5	0	651	0
SUBTOTAL		67,671	3,798	60,617,800	60,420,000	7,442	273	60,229	3,525

1) Eggs were incubated at Minter Creek Hatchery

2) Eggs were shipped to McKernan Hatchery for initial incubation. Eggtake is listed under Tumwater Falls.

3) Fish were gaffed and spawned on Elwha River. Eggs were incubated at Hurd Creek Hatchery. Eggtake is listed under Elwha.

4) Eggtake goal is included in Samish's fall chinook eggtake goal.

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

FALL CHINOOK Cont.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream		
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*	
COASTAL REGION										
Shale Creek	Queets	1	173	0	283,000	0	3	0	170	0
Humptulips	Humptulips		135	3	278,500	590,000	0	0	135	3
Lake Aberdeen	Van Winkle		14	5	10,000	0	0	0	14	5
Bingham Creek	Chehalis	2	37	0	60,500	225,000	0	0	37	0
	Satsop		185	0	164,700	(Satsop Spring Prog.)	94	0	91	0
Satsop Springs	Satsop		189	0	478,400	360,000	62	0	127	0
Forks Creek	Willapa		4,607	0	6,715,000	4,000,000	0	0	4,607	0
Nemah	Nemah		1,112	50	1,000,000	3,000,000	20	0	1,092	50
Naselle	Naselle		4,201	107	4,179,000	8,850,000	0	0	4,201	107
SUBTOTAL			10,653	165	13,169,100	17,025,000	179	0	10,474	165

1) Eggs were shipped to the Quinault Indian Nation.

2) Fish were netted from Chehalis River then held and spawned at Bingham Creek Hatchery. This is part of Satsop Springs (Enhancement Coop) project.

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

FALL CHINOOK Cont.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream		
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*	
COLUMBIA RIVER REGION										
Sea Resources	Chinook		738	12	980,000	1,500,000	10	0	728	12
Grays River	Grays River	1	57	3	49,500	(see footnote 1)	0	0	57	3
	Kalama River	2	0	0	388,000	(see footnote 1)	0	0	0	0
Elochoman	Elochoman		2,430	44	2,089,400	5,150,000	0	0	2,430	44
	Rogue River		678	19	0	0	0	0	678	19
Cowlitz Salmon	Cowlitz		3,696	510	7,376,000	7,660,000	0	406	3,696	104
Cowlitz Trout	Cowlitz		16	0	0	0	16	0	0	0
North Toutle	Toutle		733	52	482,000	2,900,000	187	5	546	47
North Toutle FCF	Toutle		1	0	0	0	0	0	1	0
Kalama Falls	Kalama River	2	3,075	220	7,456,500	4,120,000	61	218	3,014	2
Fallert Creek	Kalama River		2,272	87	2,926,800	2,360,000	21	7	2,251	80
Lewis River	Lewis River		75	13	0	0	75	13	0	0
Speelyai	Kalama River	2	0	0	354,800	(see footnote 3)	0	0	0	0
Washougal	Washougal		7,421	126	10,710,000	7,060,000	500	0	6,921	126
Lyons Ferry	Lyons Ferry		2,934	0	1,578,500	1,450,000	0	0	2,934	0
Ringold	Ringold		0	46	0	0	0	0	0	46
Priest Rapids	Priest Rapids		10,740	982	16,794,000	16,500,000	0	0	10,740	982
SUBTOTAL			34,866	2,114	51,185,500	48,700,000	870	649	33,996	1,465
TOTAL ESCAPEMENT			113,190	6,077	124,972,400	126,145,000	8,491	922	104,699	5,155

1) Eggtake goal at Grays River Hatchery is 1,415,000 tule stock fall chinook.

2) 302 large fish were shipped to Grays River Hatchery and spawned. Eggtake is listed under Grays River, Kalama River stock.

190 large fish and 3 small fish were shipped to Speelyai Hatchery and spawned. Eggtake is listed under Speelyai, Kalama River stock.

3) Eggtake is part of the Kalama Falls fall chinook program.

*Chinook: Large fish are greater than 20" in total length, small fish are less than or equal to 20" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

COHO

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
PUGET SOUND REGION									
Kendall Creek	Nooksack	5,666	1,899	3,211,500	4,000,000	0	0	5,666	1,899
Samish	Samish	5,999	653	320,000	330,000	5,669	653	330	0
Whatcom Creek	Whatcom	245	31	96,000	590,000	40	20	205	11
Marblemount	Skagit	3,125	327	1,100,300	1,025,000	0	0	3,125	327
Barnaby	Skagit	5	0	0	0	5	0	0	0
Baker River Trap	Baker River	5,877	53	0	0	5,650	50	227	3
Wallace River	Skykomish	28,369	275	8,417,000	6,400,000	0	0	28,369	275
Sunset Falls Trap	Skykomish	18,923	186	0	0	18,923	186	0	0
Issaquah	Issaquah	31,366	7,762	3,763,600	3,300,000	11,200	0	20,166	7,762
Soos Creek	Soos Creek	10,819	8	3,268,000	2,825,000	6,167	0	4,652	8
Minter Creek	Minter Creek	11,060	1,235	5,065,000	7,200,000	3,153	0	7,907	1,235
Coulter Creek	Coulter Creek	204	0	0	0	200	0	4	0
Garrison	Chambers Creek	899	186	0	0	896	185	3	1
Tumwater Falls-Wild	Deschutes	596	67	0	0	559	60	37	7
Voights Creek	Voights Creek	41,198	2,187	3,375,000	3,375,000	2,060	0	39,138	2,187
George Adams	George Adams	7,026	953	920,200	590,000	0	0	7,026	953
	Baker	330	107	0	0	0	0	330	107
Hoodsport	Baker	1,338	100	0	180,000	0	0	1,338	100
Dungeness	Fall Dungeness	7,188	357	976,500	1,000,000	50	0	7,138	357
SUBTOTAL		180,233	16,386	30,513,100	30,815,000	54,572	1,154	125,661	15,232

1) 227 large fish and 3 small fish were used for Shannon Lake net-pen project.

*Coho: Large fish are greater than 18" in total length, small fish are less than or equal to 18" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

COHO Cont.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
COASTAL REGION									
Solduc	Summer	3,957	491	260,000	236,000	0	0	3,957	491
	Fall	6,526	1,642	1,062,500	700,000	0	0	6,526	1,642
Shale Creek	Clearwater	424	12	80,000	0	319	12	105	0
	Queets	122	0	91,000	0	19	0	103	0
Humtulpils	Humtulpils	15,444	676	4,040,000	2,500,000	0	0	15,444	676
	Humtullips Late	3,140	0	415,000	295,000	0	0	3,140	0
Lake Aberdeen	Van Winkle	236	15	163,936	250,000	0	0	236	15
Bingham Creek	Satsop	15,238	170	3,123,000	4,100,000	3,978	9	11,260	161
	Bingham Late	2,807	3	621,000	340,000	1,251	2	1,556	1
Bingham Creek-Trap	Bingham	2,340	207	0	0	1,942	182	398	25
	Bingham Late	300	1	0	0	270	0	30	1
Satsop Springs	Satsop	3,594	185	2,100,000	(see footnote 2)	244	0	3,350	185
Forks Creek	Willapa	6,259	51	1,634,000	1,825,000	2,118	0	4,141	51
	Lates	850	0	303,000	118,000	535	0	315	0
Nemah	Nemah	12,554	379	1,556,000	700,000	4,019	28	8,535	351
Naselle	Naselle	10,064	566	1,851,000	1,400,000	4,160	130	5,904	436
	Naselle Late	744	0	338,000	118,000	481	0	263	0
SUBTOTAL		84,599	4,398	17,638,436	12,582,000	19,336	363	65,263	4,035

1) Fish were spawned at Shale Creek, eggs were shipped to the Quinault Indian Nation.

2) Eggtake goal is included in Bingham Creek, Satsop stock eggtake goal.

*Coho: Large fish are greater than 18" in total length, small fish are less than or equal to 18" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

COHO Cont.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large*	Small*	Eggtake	Eggtake	Large*	Small*	Large*	Small*
<u>COLUMBIA RIVER REGION</u>									
Sea Resources	Chinook	9	0	0	0	8	0	1	0
Grays River	Type S	54	133	22,000	500,000	4	0	50	133
Elochoman	Type S	1,086	179	449,000	590,000	200	0	886	179
	Type N	939	19	226,200	1,435,000	600	0	339	19
Beaver Creek	Type N	14	11	0	0	12	11	2	0
Cowlitz Salmon	Type N	7,637	5,860	7,654,000	8,950,000	1,099	5,342	6,538	518
Cowlitz Trout	Type N	7	0	0	0	7	0	0	0
North Toutle	Type S	2,137	564	1,253,000	1,300,000	1,239	278	898	286
N.F. Toutle FCF	Type S	56	31	0	0	56	31	0	0
Kalama Falls	Type N	660	52	477,700	1,060,000	212	46	448	6
Fallert Creek	Type S	1,351	213	1,774,600	600,000	14	1	1,337	212
	Type N	5	0	0	0	0	0	5	0
Lewis River	Type S	1,145	641	0	0	80	0	1,065	641
	Type N	1,299	460	1,682,100	3,700,000	37	1	1,262	459
Speelyai	Type S	0	0	1,330,700	1,400,000	0	0	0	0
Washougal	Type N	515	62	499,000	4,300,000	0	0	515	62
SUBTOTAL		16,914	8,225	15,368,300	23,835,000	3,568	5,710	13,346	2,515
TOTAL ESCAPEMENT		281,746	29,009	63,519,836	67,232,000	77,476	7,227	204,270	21,782

1) 931 large fish and 4 small fish were shipped to Speelyai Hatchery to be spawned. Eggtake is listed under Speelyai.

*Coho: Large fish are greater than 18" in total length, small fish are less than or equal to 18" in total length.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

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Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
PUGET SOUND REGION									
Kendall Creek	Nooksack	888	0	854,600	1,800,000	0	0	888	0
Samish	Samish	530	0	0	600,000	530	0	0	0
Whatcom Creek	Whatcom	4,525	1	3,910,800	4,000,000	70	0	4,455	1
Barnaby	Skagit	1	0	0	0	1	0	0	0
Sunset Falls Trap	Skykomish	52	0	0	0	52	0	0	0
Minter Creek	Minter	39,883	0	5,376,000	4,650,000	13,619	0	26,264	0
Coulter Creek	Early	1,189	0	0	0	1,103	0	86	0
Garrison	Chambers	7,880	4	93,400	400,000	7,679	2	201	2
Tumwater Falls-Wild	Deschutes	84	0	0	0	84	0	0	0
George Adams	George Adams	8,870	0	5,300,000	5,900,000	0	0	8,870	0
McKernan	McKernan	17,716	0	8,860,000	11,800,000	0	0	17,716	0
Hoodsport	Hood Canal	60,744	0	24,257,000	21,800,000	1,550	0	59,194	0
Dungeness	Dungeness	3	0	0	0	1	0	2	0
SUBTOTAL		142,365	5	48,651,800	50,950,000	24,689	2	117,676	3

1) This program was filled by Whatcom Creek Hatchery.

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

CHUM CONT.

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
<u>COASTAL REGION</u>									
Nemah	Nemah	773	0	435,000	590,000	134	0	639	0
Naselle	Naselle	33	0	0	0	32	0	1	0
<i>SUBTOTAL</i>		806	0	435,000	590,000	166	0	640	0
<u>COLUMBIA RIVER REGION</u>									
Sea Resources	Chinook	467	0	330,500	320,000	54	0	413	0
Cowlitz Salmon	Cowlitz	8	0	0	0	6	0	2	0
<i>SUBTOTAL</i>		475	0	330,500	320,000	60	0	415	0
<i>TOTAL ESCAPEMENT</i>		143,646	5	49,417,300	51,860,000	24,915	2	118,731	3

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

SOCKEYE

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
<u>PUGET SOUND REGION</u>									
Whatcom Creek	Whatcom	2	0	0	0	0	0	2	0
Baker Spawning Beaches	Baker River	1	2,165	0	0	12	0	2,153	0
Sunset Falls Trap	Skykomish	8	0	0	0	8	0	0	0
Cedar River	Cedar River	3,453	0	5,319,000	16,000,000	0	0	3,453	0
Tumwater Falls-Wild	Deschutes	6	0	0	0	6	0	0	0
Dungeness	Dungeness	5	0	0	0	5	0	0	0
SUBTOTAL		5,639	0	5,319,000	16,000,000	31	0	5,608	0
<u>COLUMBIA RIVER REGION</u>									
Sea Resources	Chinook	1	0	0	0	1	0	0	0
Cowlitz Salmon	Cowlitz	4	0	0	0	2	0	2	0
Eastbank	Lake Wenatchee	6	0	0	0	6	0	0	0
Lake Wenatchee	Lake Wenatchee	249	0	247,900	300,000	40	0	209	0
SUBTOTAL		260	0	247,900	300,000	49	0	211	0
TOTAL ESCAPEMENT		5,899	0	5,566,900	16,300,000	80	0	5,819	0

1) Fish spawned in one of three artificial spawning beaches on the Baker River

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

PINK

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
<u>PUGET SOUND REGION</u>									
Sunset Falls Trap	Skykomish	12,690	0	0	0	12,690	0	0	0
Wallace River	Skykomish	26	0	0	0	0	0	26	0
Minter	Minter Creek	72	0	28,600	100,000	0	0	72	0
Voights	Voights	12	0	6,000	100,000	0	0	12	0
Garrison	Chambers	1	0	1,000	100,000	0	0	1	0
Turnwater Falls-Wild	Deschutes	1	0	0	0	1	0	0	0
Hoodsport	Hood Canal	24,665	0	6,058,500	9,500,000	0	0	24,665	0
Dungeness	Dungeness	100	0	38,000	35,000	11	0	89	0
TOTAL ESCAPEMENT		37,567	0	6,132,100	9,835,000	12,702	0	24,865	0

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

SUMMER STEELHEAD

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
<u>PUGET SOUND REGION</u>									
Whitehorse	Stilliguamish	82	0	84,900	140,000	4	0	78	0
Reiter Ponds	Skykomish	789	0	812,000	650,000	236	0	553	0
Sunset Falls Trap	Skykomish	745	0	0	0	745	0	0	0
Tokul Creek	Tokul	64	0	0	0	61	0	3	0
Palmer Ponds	Skykomish	34	0	0	0	34	0	0	0
Tumwater Falls-Wild	Deschutes	1	0	0	0	1	0	0	0
Dungeness	Dungeness	16	0	0	0	16	0	0	0
SUBTOTAL		1,731	0	896,900	790,000	1,097	0	634	0
<u>COASTAL REGION</u>									
Solduc	Solduc	330	0	0	0	219	0	111	0
Bogachiel	Quillayute	213	0	210,000	200,000	31	0	182	0
Lake Aberdeen	Van Winkle	202	0	291,972	250,000	0	0	202	0
SUBTOTAL		745	0	501,972	450,000	250	0	495	0
<u>COLUMBIA RIVER REGION</u>									
Cowlitz Salmon	Cowlitz	1	1,536	0	0	1,454	0	82	0
Cowlitz Trout	Cowlitz	1	2,955	0	839,800	850,000	2,388	567	0
Beaver Creek	Skamania		32	0	0	32	0	0	0
Skamania	Skamania		910	23	1,375,600	1,500,000	2	908	23
Lewis River	Lewis River	2	829	1	0	819	1	10	0
Merwin	Lewis River	2	304	0	276,500	250,000	157	147	0
Eastbank	Wenatchee	3	23	0	0	20	0	3	0
Wells	Wells	3	594	0	1,525,600	1,400,000	216	378	0
Lyons Ferry	Lyons Ferry		5,921	0	1,614,636	1,500,000	4,725	1,196	0
Cottonwood Pond	Wallowa		430	0	601,979	450,000	0	430	0
SUBTOTAL			13,534	24	6,234,115	5,950,000	9,813	3,721	23
TOTAL ESCAPEMENT			16,010	24	7,632,987	7,190,000	11,160	4,850	23

1) 72 large fish were shipped to Cowlitz Trout Hatchery and spawned. Eggtake is listed under Cowlitz Trout, Cowlitz stock.

2) 13 large fish were shipped to Merwin Hatchery and spawned. Eggtake is listed under Merwin, Lewis River stock.

3) 3 large fish were shipped to Wells Hatchery and spawned. Eggtake is listed under Wells, Wells stock.

WINTER STEELHEAD

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
<u>PUGET SOUND REGION</u>									
Whitehorse	Stilliguamish	210	0	340,000	350,000	47	0	163	0
Marblemount	Skagit	67	0	133,857	650,000	7	0	60	0
Barnaby	Skagit	954	0	532,980	650,000	622	0	332	0
Reiter Ponds	Skykomish	204	0	281,000	450,000	58	0	146	0
Tokul Creek	Tokul	1,053	0	1,398,100	900,000	471	0	582	0
Palmer Ponds	Tokul	126	0	0	0	126	0	0	0
Minter	Minter	5	0	0	0	5	0	0	0
Chambers	Chambers	132	0	96,000	300,000	64	0	68	0
Tumwater Falls-Wild	Deschutes	2	0	0	0	2	0	0	0
SUBTOTAL		2,753	0	2,781,937	3,300,000	1,402	0	1,351	0
<u>COASTAL REGION</u>									
Bogachiel	Bogachiel	2,427	92	1,402,500	1,500,000	314	0	2,113	92
Humptulips	Humptulips	268	0	341,000	225,000	0	0	268	0
Lake Aberdeen	Van Winkle	130	0	231,240	400,000	0	0	130	0
	Wynoochee	151	6	214,800	200,000	9	0	142	6
Skookumchuck Dam	Skookumchuck	226	0	244,486	200,000	72	0	154	0
Naselle	Naselle	156	1	132,000	0	56	0	100	1
Nemah	Nemah	10	0	0	0	10	0	0	0
Forks Creek	Willapa	225	0	82,000	0	144	0	81	0
SUBTOTAL		3,593	99	2,648,026	2,525,000	605	0	2,988	99
<u>COLUMBIA RIVER REGION</u>									
Cowlitz Salmon	Cowlitz	4,082	0	0	0	4,065	0	17	0
Cowlitz Trout	Cowlitz	5,135	0	1,653,000	2,200,000	3,894	0	1,241	0
Beaver Creek	Elochoman	71	12	425,000	450,000	7	12	64	0
Skamania	Skamania	338	0	348,000	500,000	0	0	338	0
Lewis River	Lewis River	287	0	0	0	24	0	263	0
Merwin	Lewis River	364	1	573,000	250,000	325	1	39	0
SUBTOTAL		10,277	13	2,999,000	3,400,000	8,315	13	1,962	0
TOTAL ESCAPEMENT		16,623	112	8,428,963	9,225,000	10,322	13	6,301	99

1) 263 large fish shipped to Merwin Hatchery and spawned. Eggtake listed under Merwin, Lewis River stock.

ANADROMOUS GAMEFISH (including Kokanee)

Hatchery	Stock	Total Escapement			Goal**	Upstream		Escapement Less Upstream	
		Large	Small	Eggtake	Eggtake	Large	Small	Large	Small
Sea-Run Cutthroat									
Samish	Samish	167	0	0	0	164	0	3	0
Sunset Falls	Skykomish	3	0	0	0	3	0	0	0
Minter	Minter	103	0	0	0	103	0	0	0
Garrison	Chambers	65	0	0	0	65	0	0	0
Tumwater Falls-Wild	Deschutes	56	24	0	0	56	24	0	0
Eells Springs	Hood Canal	1,927	0	456,710	210,000	0	0	1,927	0
Lake Aberdeen	Coastal	1,943	0	400,239	400,000	0	0	1,943	0
Naselle	Naselle	8	0	0	0	7	0	1	0
Nemah	Nemah	146	0	0	0	139	0	7	0
Cowlitz Salmon	Cowlitz	230	0	0	0	181	0	49	0
Cowlitz Trout	Cowlitz	3,588	0	528,000	350,000	2,372	0	1,216	0
Beaver Creek	Elochoman	86	0	35,000	100,000	66	0	20	0
Skamania	Skamania	480	0	109,200	70,000	0	0	480	0
Lewis River	Lewis River	369	0	0	0	23	0	346	0
Merwin	Lewis River	0	0	56,574	50,000	250	0	95	0
TOTAL		9,171	24	1,585,723	1,180,000	3,429	24	6,087	0
Dolly Varden/Bulltrout									
Sunset Falls Trap		40	0	0	0	40	0	0	0
Chiwawa Ponds		540	0	0	0	540	0	0	0
TOTAL		580	0	0	0	580	0	0	0
Kokanee									
Speelyai	Lake Merwin	240	0	48,000	20,000	0	0	240	0
Lake Whatcom	Lake Whatcom	48,200	0	6,601,948	12,000,000	0	0	48,200	0
Sherman Creek	Lake Whatcom	193	777	0	5,000,000	0	47	193	730
TOTAL		48,633	777	6,649,948	17,020,000	0	47	48,633	730

1) Captive broodstock Sea-Run Cutthroat program.

2) 49 fish shipped from Cowlitz Salmon Hatchery to Cowlitz Trout Hatchery. Eggtake listed under Cowlitz Trout Hatchery.

3) 45 fish shipped from Lewis River Hatchery to Merwin Hatchery. Eggtake listed under Merwin Hatchery.

GAMEFISH

Hatchery	Stock	TOTAL BROODSTOCK HANDLED			Goal**	BROODSTOCK PLANTED		
		Large	Small	Eggtake	Eggtake	Large	Small	
Rainbow								
Puyallup	South Tacoma	1	1,116	0	1,215,852	1,400,000	445	0
South Tacoma	South Tacoma		2,502	0	3,226,989	2,500,000	0	0
Goldendale	Goldendale		3,766	0	7,341,652	7,500,000	606	0
Spokane	Spokane		5,395	0	9,326,892	8,000,000	0	0
Colville	Phalon		65	0	72,074	175,000	0	0
Tokul Creek	Mt. Whitney		4,410	0	3,212,792	1,600,000	0	0
TOTAL			17,254	0	24,396,251	21,175,000	1,051	0
Cutthroat								
Tokul Creek	Tokul		3,661	0	1,132,648	750,000	0	0
Chelan	Twin Lk		952	0	249,060	700,000	0	0
Omak	Lk Lenore		1,237	0	701,270	1,070,000	558	0
Columbia Basin	Lk Lenore		100	0	71,064	0	0	0
Colville	KingsLk		232	0	33,600	400,000	0	0
TOTAL			6,182	0	2,187,642	2,920,000	558	0

1) Only females spawned at Puyallup Hatchery. South Tacoma Hatchery supplied males for Puyallup's production

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.

GAMEFISH Cont.

Hatchery	Stock	TOTAL BROODSTOCK HANDLED			Goal**	BROODSTOCK PLANTED	
		Large	Small	Eggtake	Eggtake	Large	Small
Lake Trout							
Ford	Ford	432	0	591,088	100,000	0	0
TOTAL		432	0	591,088	100,000	0	0
Golden Trout							
Reiter Ponds	Tokul	177	10	25,519	10,000	0	0
TOTAL		177	10	25,519	10,000	0	0
Eastern Brook Trout							
Ford	Ford	3,434	0	1,047,440	900,000	981	0
TOTAL		3,434	0	1,047,440	900,000	981	0
German Brown							
Ford	Ford	3,193	0	1,505,100	1,000,000	1,413	0
TOTAL		3,193	0	1,505,100	1,000,000	1,413	0
Walleye							
Columbia Basin	Moses Lake	89	0	599,067	0	47	0
TOTAL		89	0	599,067	0	47	0
Smallmouth Bass							
Eastbank	Columbia	6	0	0	0	6	0
Turtle Rock	Columbia	30	0	3,000	0	29	0
TOTAL		36	0	3,000	0	35	0

**Eggtake goals developed in the Washington Department of Fish and Wildlife, Future Brood Document for 1995.