PS Chinook: pHOS, PNI, Harvest Rates

Goals met? Yes | No | Unknown

Basin/ Watershed	Natural Population	NOAA DraftTeir	Long term Goals Planning Targets Recovery Plan		DRAFT Population Designation	2005-2009 Average NOR Escapement	2005-2009 Escapement Range	Actual SUS Harvest Rate		Proposed RER	pHOS (08-10 avg)		PNI (08-10 avg)		Hatchery Program	Program Goal
			Low Productivity Recovered (Recruits/ spawner)	High Productivity Recovered (Recruits/ spawner)				1994-98 Avg	2001-08 Avg	Total or SUS	Goal (alligned to PRA Tier)	Current	Goal (alligned to PRA Tier)	Current		
Nooksack	SF Nooksack Spring Chinook	1	9,100 (1.0)	2,000(3.6)	Primary	46	19-80	7%	4%	7% SUS (21%Ttl)	<0.30	0.00	>0.67	1.00	Kendall SF Nooksack Spring Chinook Captive brood	Conservation
Nooksack	NF Nooksack Spring Chinook	1	16,000 (1.0)	3,800(3.4)	Primary	279	210-334	7%	4%	7% SUS (21%Ttl)	<0.30	0.84	>0.67	0.07	Kendall NF Nooksack Spring Chinook Program	Conservation
Skagit	Skagit Spring M Unit				Primary			32%	14%	38% (Ttl)	<0.05	0.02	N/A	N/A	Marblemount Spring Chinook Program	Harvest
	Upper Cascade	1	1,200 (1.0)	290 (3.0)	Primary	347	223-473	32%	14%		<0.05				no hatchery programs	
	Suiattle	1	610 (1.0)	160 (2.8)	Primary	295	108-518	32%	14%		<0.05				no hatchery programs	
	Upper Sauk	1	3,030 (1.0)	750 (3.0)	Primary	597	282-1043	32%	14%		<0.05				no hatchery programs	
	Summer/Fall Mgmt Unit				Primary			17%	10%	50% (Ttl)	<0.05				no hatchery programs	
	Lower Skagit	1	16,000 (1.0)	3,900 (3.0)	Primary	2233	1053-3339	17%	10%		<0.05				no hatchery programs	
	Upper Skagit	1	26,000 (1.0)	5,380 (3.8)	Primary	10729	5290-15703	17%	10%		<0.30	0.09	>0.67	0.91	Marblemount Summer Chinook Program	Conservation
	Lower Sauk	1	5,600 (1.0)	1,400 (3.0)	Primary	594	226-1042	17%	10%		<0.05				no hatchery program	
Puyallup	White R Spring Chinook	1	Under development	Under development	Primary	1522	593-2883	29%	15%	20% (Ttl)	<0.05	Unknown	N/A	N/A	WDFW Hupp Springs (Minter)-Segregated supplementation	Conservation
Nisqually	Nisqually Fall Chinook	1	13,000 (1.0)	3,400(3)	Primary	650	129-1015	74%	61%	65/56/47% (Ttl)	<0.30	0.70	>0.67	<0.50	Clear Creek (NIT)Fall Chinook Program	Harvest proposed to change?
Hood Canal	Skokomish R Fall Chinook	1	Under development	Under development	Primary	428	297-510	31%	40%	50% (Ttl)	<0.30	0.60	>0.67	0.36	George Adams Fall Chinook Program	Harvest
Hood Canal	Hood Canal Fall Chinook	1	5,200 (1.0)	1,300 (3.0)	Primary			28%	9%	15% (PT SUS)	<0.30	Unknown	>0.67	Unknown	LLTK Hamma Hamma Chinook (John's Cr)	Conservation
Dungeness	Dungeness R Spring Chinook	1	4,700 (1.0)	1,200 (3.0)	Primary	180	71-304	13%	4%	10% (SUS)	<0.30	0.54	>0.67	0.50	Dungeness Spring Chinook Program	Conservation
Elwha	Elwha R Fall Chinook	1	17,000 (1.0)	6,900 (4.6)	Primary	2,221	2,075-2,376	12%	4%	10% (SUS)	<0.30	0.90	>0.67	0.42	Elwha Fall Chinook Program	Conservation
Stillaguamish	NF Stillaguamish Chinook	2	18,000 (1.0)	4,000 (3.4)	Primary	496	311-839	27%	10%	25% (Ttl)	<0.30	0.44	>0.50	0.50	Whitehorse Summer Chinook Program (WDFW/Stillaquamish	Conservation
	SF Stillaguamish Chinook	2	15,000 (1.0)	3,600 (3.3)	Primary	0	0	27%	10%	25% (Ttl)	<0.30	0.00	>0.50	1.00	Brenner Hatchery (Stillaquamish Tribe) Fall Chinook Captive brood Program	Conservation

Basin/ Watershed	Natural Population	NOAA DraftTeir	Long term Goals Planning Targets Recovery Plan		DRAFT Population Designation	2005-2009 Average NOR Escapement	2005-2009 Escapement Range	Actual SUS Harvest Rate		Proposed RER	pHOS (08-10 avg)		PNI (08-10 avg)		Hatchery Program	Program Goal
			Low Productivity Recovered (Recruits/ spawner)	High Productivity Recovered (Recruits/ spawner)				1994-98 Avg	2001-08 Avg	Total or SUS	Goal (alligned to PRA Tier)	Current	Goal (alligned to PRA Tier)	Current		
Snohomish	**Skykomish R Summer Chinook**	2	39,000 (1.0)	8,700 (3.4)	Contributing	3123	1510-4735	32%	14%	21% (Ttl)	<0.30	0.20	>0.50	0.54	Wallace Summer Chinook Program	Harvest
	Snoqualmie Chinook	3	25,000 (1.0)	5,500 (3.6)	Contributing	1668	1174-2161	32%	14%	21% (Ttl)	Current	0.18	N/A	N/A	no hatchery program	
Lk Washington	**Sammamish/Issaquah Fall Chinook**	3	4,000 (1.0)*	1,000 (3.0)*	Stabilizing	230	124-311		15%	20% (SUS)	Current	0.95	Current	0.11	Issaquah Cr Fall Chinook Program	Harvest
	Cedar	3	8,200 (1.0)*	2,000 (3.1)	Contributing	797	350-1473	?	?	20% (SUS)	<.10	Unknown	N/A	N/A	no hatchery program	
Green	**Green R Fall Chinook**	2	27000 (1.0)		Stabilizing	2674	182-4063	30%	30%	15% (PT SUS)	Current	0.57	>0.50	0.19	Soos Cr/ Icy Cr Fall Chinook Program	Harvest
Puyallup	**Puyallup R Fall Chinook**	3	18,000 (1.0)	5,300(2.3)	Stabilizing	1014	501-1779	48%	43%	50% (Ttl)	Current	0.55	Current	0.05	Voights Cr Fall Chinook Program	Harvest

1 Exploitation rates are expressed as either total, southern United States (SUS), or pre-terminal southern United States (PT SUS). The SUS fishery includes all fisheries south of the border with Canada that may harvest listed Puget Sound Chinook salmon. The SUS fishery includes both pre-terminal SUS and terminal SUS fisheries. The co-managers define a pre-terminal fishery as a “fishery that harvests significant numbers of fish from more than one region of origin”. The co-managers define a terminal fishery as a “fishery, usually operating in an area adjacent to or in the mouth of a river, which harvests primarily fish from the local region of origin, but may include more than one management unit.” Terminal SUS fisheries will vary by management unit and may occur in freshwater and marine areas.