

CHUM, PINK, AND SOCKEYE SALMON
CO-MANAGER RUNSIZE FORECASTS FOR THE 2025 RETURN YEAR

CHUM - SUMMER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Central Sound		646	646	Ocean indicator regression
South Sound		31,152	31,152	Ocean indicator regression
Hood Canal*		50,116	50,116	Ocean indicator regression
Strait of Juan de Fuca*		17,405	17,405	Ocean indicator regression
Puget Sound Total		99,319	99,319	

* Wild forecast includes supplementation returns.

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Nooksack/Samish	4,041	72,756	76,797	Adjusted regression
Skagit	776	19,217	19,993	R/S GAM
Stillaguamish	40	5,363	5,403	Fry regression
Snohomish	510	7,803	8,313	Fry regression
Central Sound	164,406	110,980	275,386	R/S GAM
South Sound	45,721	409,160	454,881	R/S GAM
Hood Canal	361,457	152,220	513,677	R/S GAM + Avg R/S
Strait of Juan de Fuca		3,694	3,694	Ocean indicator regression
Puget Sound Total	576,951	781,193	1,358,144	

CHUM - WINTER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
South Sound	23,481	34,842	58,323	R/S GAM + Return Rate Avg
Puget Sound Total	23,481	34,842	58,323	

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Coastal				
Grays Harbor	4,988	146,925	151,913	Ocean indicator regression
Willapa	2,188	92,276	94,464	R/S GAM
Coastal Total	7,176	239,201	246,377	

PINK - Puget Sound

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Nooksack		97,370	97,370	Fry Based
Skagit		468,023	468,023	Fry Based
Stillaguamish		117,322	117,322	Fry based
Snohomish		315,942	315,942	Fry based
Green		1,835,366	1,835,366	R/S GAM
Puyallup		709,292	709,292	Fry Based
Nisqually		1,503,704	1,503,704	R/S GAM
South Sound Misc.		503	503	R/S GAM
Hood Canal	6,403	2,407,804	2,414,207	R/S GAM + Avg R/S
Strait of Juan de Fuca		294,503	294,503	Ocean indicator regression
Puget Sound Total	6,403	7,749,829	7,756,232	

SOCKEYE - Puget Sound

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Baker River			60,214	Weighted ensemble
Lake Washington			35,356	Avg return rate
Puget Sound Total			95,570	

SOCKEYE - Columbia River System

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Columbia River				
Wenatchee River			94,000	Time varying regression
Okanogan River			248,000	Time varying regression
Yakima			5,000	Time varying regression
Deschutes			100	
Snake			3,100	Outmigrant based
Columbia River Total		0	350,200	

Fraser River Forecasts (Department of Fisheries and Oceans Canada)

Sockeye Salmon	2,947,000	Median Estimate
Pink Salmon	26,965,000	Median Estimate