

**CHUM AND SOCKEYE SALMON
CO-MANAGER RUNSIZE FORECASTS FOR THE 2020 RETURN YEAR**

CHUM - SUMMER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Central Sound		1,384	1,384	R/S
South Sound		22,073	22,073	R/S
Hood Canal*		8,858	8,858	Ocean indicator regression
Strait of Juan de Fuca*		1,894	1,894	Ocean indicator regression
Puget Sound Total		34,209	34,209	

* Wild forecast includes supplementation returns.

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Nooksack/Samish	2,399	24,195	26,594	R/S
Skagit	330	17,350	17,680	Fry based
Stillaguamish	91	23,178	23,269	Fry based
Snohomish	5,750	17,895	23,645	Fry based
Central Sound	54,156	55,608	109,764	Adjusted R/S Regression
South Sound	34,365	165,444	199,809	Adjusted R/S Regression
Hood Canal	280,976	190,834	471,810	R/S
Strait of Juan de Fuca	730	1,006	1,736	PDO regression
Puget Sound Total	378,797	495,510	874,307	

CHUM - WINTER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
South Sound	7,869	24,194	32,063	R/S Regression, perform adj.
Puget Sound Total	7,869	24,194	32,063	

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Coastal				
Grays Harbor	2,325	30,324	32,649	R/S-brood perform adjustment
Willapa	1,097	39,845	40,942	R/S-brood perform adjustment
Coastal Total	3,422	70,169	73,591	

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Baker River		13,242	13,242	NPGO and sibling relationship
Lake Washington	12,027	8,139	20,166	Sibling relationship
Puget Sound Total			33,408	

* Forecast contains hatchery and wild production

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Columbia River				
Wenatchee River		39,400	39,400	Adult-cohort relationships
Okanogan River		201,800	201,800	50% of Median Return
Yakima		2,500	2,500	Adult-cohort relationships
Deschutes		300	300	Adult-cohort relationships
Columbia River Total		244,000	244,000	

Fraser River Forecasts (from Fisheries and Oceans Canada)

Sockeye Salmon		941,000	Sibling relationship
----------------	--	---------	----------------------