

**CHUM AND SOCKEYE SALMON
CO-MANAGER RUNSIZE FORECASTS FOR THE 2018 RETURN YEAR**

CHUM - SUMMER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Central Sound		1,403	1,403	R/S, 10 yr avg
South Sound		23,775	23,775	R/S, 10 yr avg
Hood Canal*		17,034	17,034	PDO regression
Strait of Juan de Fuca*		2,309	2,309	PDO regression
Puget Sound Total		44,521	44,521	

* Wild forecast includes supplementation returns.

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Nooksack/Samish	9,501	67,651	77,152	R/S
Skagit	710	48,271	48,981	Fry based
Stillaguamish	1,468	20,172	21,640	Fry based
Snohomish	12,134	13,957	26,091	Fry based
Central Sound	31,329	116,949	148,278	R/S
South Sound	22,127	373,232	395,359	R/S
Hood Canal	304,455	192,945	497,400	R/S
Strait of Juan de Fuca	389	741	1,130	R/S and PDO + Esc. regression
Puget Sound Total	382,113	833,918	1,216,031	

CHUM - FALL

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Coastal				
Grays Harbor	3,259	57,885	61,144	R/S, 5 yr avg, perform adj.
Willapa	796	39,136	39,932	R/S, perform adj.
Coastal Total	4,055	97,021	101,076	

CHUM - WINTER

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
South Sound	13,852	40,295	54,147	R/S regression, perform adj.
Puget Sound Total	13,852	40,295	54,147	

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Puget Sound				
Baker River*		35,002	35,002	NPGO and sibling relationship
Lake Washington	13,653	26,222	39,875	R/S and sibling relationship
Puget Sound Total	13,653	61,224	74,877	

* Forecast contains hatchery and wild production

SOCKEYE

	HATCHERY	WILD	TOTAL	FORECAST METHOD
Columbia River				
Wenatchee River		25,700	25,700	Adult-cohort relationship
Okanogan River		72,600	72,600	Adult-cohort relationship
Columbia River Total		98,300	98,300	

Fraser River Forecasts (from Fisheries and Oceans Canada)

Sockeye Salmon	13,981,000	p50 forecast
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