

Comprehensive Coho management guidelines for Puget Sound region primary natural coho management units.

In November 2009, the values below were adopted as updated conservation objectives by the Pacific Fishery Management Council (PFMC) under the Salmon Fishery Management Plan (FMP). These were based on analysis provided by the Puget Sound salmon co-managers and the Pacific Salmon Treaty (PST, January 2009).

	Strait of Juan de Fuca	Hood Canal	Skagit	Stillaguamish	Snohomish
Critical abundance US exploitation rate ceiling ¹	0.10	0.10	0.10	0.10	0.10
Critical/Low spawning escapement breakpoint	7,000	10,750	16,000	6,100	31,000
Critical/Low Run Size (OA3) breakpoint	11,679	19,545	22,857	9,385	51,667
Low abundance exploitation rate ceiling	0.40	0.45	0.35	0.35	0.40
Low/Normal spawning escapement breakpoint	11,000	14,350	25,000	10,000	50,000
Low/Normal Run Size (OA3) breakpoint	27,400	41,000	62,500	20,000	125,000
Normal abundance exploitation rate ceiling	0.60	0.65	0.60	0.50	0.60

¹ This represents only the US portion of the total PST exploitation rate (20%).

² The correspondence between Comprehensive Coho (CC) and PST status terms is "Normal (CC) ~ Abundant (PST)", "Low (CC) ~ Moderate (PST)", "Critical (CC) ~ Low (PST)".

³ For PST management status calculations for WA coastal management units, see Appendix G of the Periodic Report (CoTC 2013; TCCOHO(13)-1).

2019 Puget Sound Primary Natural Coho Management Units - Status and Exploitation Rates

Management Unit	2019 Preseason Forecast (Ocean Age Three)	CC Management Status ²	PST Management Status ^{2,3}	Total Exploitation Rate (ER) Ceiling	2018 Fisheries with 2019 US Forecasts Exploitation Rate
Strait of Juan de Fuca (Eastern and Western Natural Stocks)	8,800	Critical	Low	(up to 10% US)	3.8% SUS ER
Hood Canal (12/12B, 12C/12D, and Skokomish River Natural Stocks)	40,140	Low	Moderate	45%	45.7% Total ER
Skagit (Skagit and Baker Natural Stocks)	57,933	Low	Moderate	35%	30.3% Total ER
Stillaguamish	23,820	Normal	Abundant	50%	31.2% Total ER
Snohomish	62,600	Low	Moderate	40%	32.3% Total ER

2019 Washington Coastal Natural Coho Management Units - PST Status/PFMC Coho Management Guidelines

Management Unit	2019 Preseason Forecast (Ocean Age Three)	CC Management Status ²	PST Management Status ^{2,3}	PFMC Escapement Range	2018 Fisheries with 2019 US Forecasts Terminal Run Size
Quillayute Fall	14,724		Abundant	6,300 - 15,800	14,326
Hoh	6,963		Abundant	2,000 - 5,000	6,489
Queets	11,100		Abundant	5,800 - 14,500	10,104
Grays Harbor (Chehalis, Humptulips, and Grays Harbor Misc. Natural Stocks)	71,527		Abundant	35,400	69,405
Willapa Bay	63,448			17,200	60,735

Interior Fraser Coho (Upper Fraser Wild)

Other Ocean Coho Stocks

SUS = Southern US (up to 10% ER)	2018 Fisheries with 2019 US Forecasts SUS ER	Lower Columbia River Natural (LCN) Oregon Coast Natural (OCN) Rogue/Kalamath	Goal 2019 Total ER	2018 Fish/2019 Forc Total ER
7.0%	6.0%		23%	8.6%
			15%	6.1%
			13%	2.6%