

2009
Lower Columbia ESU, Oregon Portion
ESTIMATED COHO SPAWNER ABUNDANCE

MONITORING STRATA Population Area	SURVEY EFFORT		ADULT COHO SPAWNER ABUNDANCE			
			TOTAL		WILD	
	NUMBER SURVEYS	MILES	ESTIMATE	95% CONFIDENCE INTERVAL	ESTIMATE	95% CONFIDENCE INTERVAL
ESU	101	93.0	11,299	2,155	6,530	1,187
COAST	52	49.0	3,473	1,070	2,048	611
Youngs Bay	13	12.8	302	377	0	0
Big Creek	5	4.4	1,241	767	305	188
Clatskanie	17	16.2	1,256	525	1,070	448
Scappoose	17	15.6	673	371	673	371
CASCADE	45	41.6	7,166	1,871	4,014	1,018
Clackamas	17	17.3	5,499	1,730	2,521	793
Sandy River	28	24.4	1,667	712	1,493	637
GORGE	4	2.3	660	0	468	0
Lower Gorge	2	0.9	660	0	468	0
Hood River	2	1.4	0	0		

Note: The original Clatskanie & Clackamas population estimates are no longer valid and have been amended using a stratified approach; for further explanation see the note on the coho abundance page. The revised estimates for the current year can be found in the "Lower Columbia Coho ESU Adult Spawning Abundance by Strata and Population" document on the coho abundance page.

Estimates derived using EMAP protocol. Estimates are adjusted for visual observation bias. Estimates of wild spawners derived through application of carcass fin-mark observations. Missing values for populations indicate inadequate samples for determining total and/or wild abundance.