

2011 Final
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	133	125.2	7,982	1,525	6,118	1,166
COAST	75	72.0	2,468	654	1,933	488
Youngs Bay	15	13.6	460	388	145	122
Big Creek	8	6.7	188	202	15	16
Clatskanie	28	27.2	1,553	472	1,506	458
Scappoose	24	24.6	268	114	268	114
CASCADE	50	48.9	4,300	1,139	3,737	1,024
Clackamas	27	25.5	681	271	437	174
Sandy River	23	23.4	3,619	1,106	3,300	1,009
GORGE	8	4.3	1,214	775	448	269
Lower Gorge	4	2.0	471	351	216	161
Hood River	4	2.3	743	691	232	216

Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page. The revised Clatskanie estimate 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 are derived using EMAP protocol and are adjusted for visual observation bias. Wild spawner estimates are derived through application of carcass fin-mark observations for seven of the eight populations. The wild spawner estimate for the Hood population is based on scale data. Missing values for populations indicate inadequate samples for determining total and/or wild abundance.