

2012 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	116	103.9	3,993	1,169	2,779	940
COAST	64	56.9	1,413	298	1,121	252
Youngs Bay	22	20.4	232	96	120	50
Big Creek	10	8.1	333	120	221	80
Clatskanie	13	12.5	688	238	619	214
Scappoose	19	15.9	161	94	161	94
CASCADE	45	42.5	1,601	926	1,393	891
Clackamas	17	19.6	439	172	264	403
Sandy River	28	22.9	1,162	910	1,129	885
GORGE	7	4.6	979	647	266	161
Lower Gorge	3	1.4	220	190	96	84
Hood River	4	3.2	759	619	169	138

Note: The original Clatskanie & Clackamas population estimates are no longer valid and have been amended using a stratified approach; for further explanation see the note on the coho abundance page.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 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.