

2014 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	92	81.6	15,723	3,550	12,851	3,218
COAST	38	33.9	5,024	1,157	4,603	1,086
Clatskanie	22	21.5	3,547	846	3,126	745
Scappoose	16	12.4	1,477	790	1,477	790
CASCADE	50	46.0	9,786	3,355	7,844	3,029
Clackamas (minus Eagle Cr sub-basin)	21	18.0	2,605	850	2,245	733
Eagle Cr (Clackamas) sub-basin	8	9.3	1,609	1,171	195	142
Sandy River	21	18.8	5,572	3,027	5,403	2,936
GORGE	4	1.7	913	67	404	33
Lower Gorge	3	1.3	739	67	362	33
Hood River	1	0.4	174	-	42	-

Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page.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.