

2013 Final
Lower Columbia ESU, Oregon Portion
ESTIMATED COHO SPAWNER ABUNDANCE

MONITORING STRATA Population Area	SURVEY EFFORT		ADULT COHO SPAWNER ABUNDANCE			
			TOTAL		WILD	
			ESTIMATE	95% CONFIDENCE INTERVAL	ESTIMATE	95% CONFIDENCE INTERVAL
NUMBER SURVEYS	MILES					
ESU	87	83.1	4,658	768	3,551	614
COAST	39	35.3	1,591	468	1,333	445
Clatskanie	23	21.4	702	189	443	119
Scappoose	16	13.9	889	428	889	428
CASCADE	44	44.6	1,468	484	1,329	441
Clackamas	16	17.2	872	389	822	367
Sandy River	28	27.4	596	288	507	245
GORGE	4	3.2	1,599	369	889	205
Lower Gorge						
Hood River	3	2.8	1,599	369	889	205

Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page.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