

2010
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	99	92.3	9,887	2,368	5,719	1,649
COAST	51	47.6	3,883	1,229	3,491	1,185
Youngs Bay	18	16.7	154	175	48	55
Big Creek	5	3.9	132	79	10	6
Clatskanie	13	14.4	1,774	637	1,609	578
Scappoose	15	12.6	1,824	1,033	1,824	1,033
CASCADE	40	38.4	3,498	1,233	1,085	538
Clackamas	17	18.6	2,702	1,072	419	166
Sandy River	23	19.9	795	610	667	511
GORGE	8	6.2	2,506	1,606	1,143	809
Lower Gorge	2	0.9	985	1,257	920	1,173
Hood River	6	5.3	1,521	1,000	223	93

Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page.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