

**2015 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
<b>ESU</b>	<b>96</b>	<b>87.4</b>	<b>1,712</b>	<b>387</b>	<b>1,378</b>	<b>328</b>
<b>COAST</b>	<b>35</b>	<b>29.5</b>	<b>713</b>	<b>227</b>	<b>688</b>	<b>224</b>
Clatskanie	22	19.5	249	85	224	76
Scappoose	13	9.9	465	213	465	213
<b>CASCADE</b>	<b>55</b>	<b>54.7</b>	<b>940</b>	<b>308</b>	<b>689</b>	<b>238</b>
Clackamas (minus Eagle Cr sub-basin)	21	20.6	245	137	237	132
Eagle Cr (Clackamas) sub-basin	9	10.7	294	186	72	45
Sandy River	25	23.3	401	204	380	193
<b>GORGE</b>	<b>6</b>	<b>3.3</b>	<b>58</b>	<b>51</b>		
Lower Gorge	3	1.4	48	47		
Hood River	3	1.9	11	21		

*Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page.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