

**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
<b>ESU</b>	<b>116</b>	<b>103.9</b>	<b>3,993</b>	<b>1,169</b>	<b>2,779</b>	<b>940</b>
<b>COAST</b>	<b>64</b>	<b>56.9</b>	<b>1,413</b>	<b>298</b>	<b>1,121</b>	<b>252</b>
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
<b>CASCADE</b>	<b>45</b>	<b>42.5</b>	<b>1,601</b>	<b>926</b>	<b>1,393</b>	<b>891</b>
Clackamas	17	19.6	439	172	264	103
Sandy River	28	22.9	1,162	910	1,129	885
<b>GORGE</b>	<b>7</b>	<b>4.6</b>	<b>979</b>	<b>647</b>	<b>266</b>	<b>161</b>
Lower Gorge	3	1.4	220	190	96	84
Hood River	4	3.2	759	619	169	138

*Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page.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