

**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
<b>ESU</b>	<b>99</b>	<b>92.3</b>	<b>9,887</b>	<b>2,368</b>	<b>5,719</b>	<b>1,649</b>
<b>COAST</b>	<b>51</b>	<b>47.6</b>	<b>3,883</b>	<b>1,229</b>	<b>3,491</b>	<b>1,185</b>
Youngs Bay	18	16.7	154	175	48	55
Big Creek	5	3.9	132	79	10	6
<del>Clatskanie</del>	<del>13</del>	<del>14.4</del>	<del>1,774</del>	<del>637</del>	<del>1,609</del>	<del>578</del>
Scappoose	15	12.6	1,824	1,033	1,824	1,033
<b>CASCADE</b>	<b>40</b>	<b>38.4</b>	<b>3,498</b>	<b>1,233</b>	<b>1,085</b>	<b>538</b>
<del>Clackamas</del>	<del>17</del>	<del>18.6</del>	<del>2,702</del>	<del>1,072</del>	<del>419</del>	<del>166</del>
Sandy River	23	19.9	795	610	667	511
<b>GORGE</b>	<b>8</b>	<b>6.2</b>	<b>2,506</b>	<b>1,606</b>	<b>1,143</b>	<b>809</b>
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*Note: The original Clatskanie & Clackamas population estimates are no longer valid and have been amended using a stratified approach; for further explanation see the note on the coho abundance page. The revised estimates 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.*