

Lower Columbia ESU, Oregon Portion ESTIMATED COHO SPAWNER ABUNDANCE

Spawning Year Population Area	SURVEY EFFORT		ADULT COHO SPAWNER ABUNDANCE			
			TOTAL		WILD	
	NUMBER SURVEYS	MILES	ESTIMATE	95% CONFIDENCE INTERVAL	ESTIMATE	95% CONFIDENCE INTERVAL
2004	102	90.1	4,287	1,208	2,532	663
Youngs Bay	17	15.2	1,014	718	128	91
Big Creek	3	3.0	265	340	0	0
Clatskanie	14	11.5	398	200	398	200
Scappoose	18	16.7	786	310	719	284
Clackamas	28	25.5	1,496	804	959	516
Sandy River (Total Basin)	21	17.9	327	212	327	212
<i>Below Marmot Dam only</i>	3	3.1	131	256	4	-
Lower Gorge						
Hood River						

Estimates derived using EMAP protocol. Estimates are adjusted for visual observation bias. Estimates of wild spawners derived through application of carcass fin-mark observations.