

**2018 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
ESU	101	84.5	1,483	486	1,020	322
COAST	36	28.6	225	170	181	164
Clatskanie	21	18.1	66	49	22	16
Plympton Cr	1	1.1				
Scappoose	14	9.4	158	163	158	163
CASCADE	61	52.5	1,108	456	732	278
Clackamas	21	15.6	112	62	90	49
Eagle Cr (Clack.) subbasin	5	5.3	495	370	187	140
Sandy River	35	31.6	502	258	456	235
GORGE	4	3.5	149	2	107	1
Lower Gorge	1	0.5				
Hood River	3	3.0	149	2	107	1

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.