

ESTIMATED COHO SPAWNER ABUNDANCE

2019 SPAWNING SEASON

MONITORING AREA, Population Area	SURVEY EFFORT		ADULT COHO SPAWNER ABUNDANCE			
			TOTAL		WILD	
	NUMBER SURVEYS	MILES	ESTIMATE	95% CONFIDENCE INTERVAL	ESTIMATE	95% CONFIDENCE INTERVAL
ESU	322	249.1	84,711	13,182	84,026	13,077
NORTH COAST	91	73.0	22,260	6,298	22,260	6,298
Necanicum River	16	11.9	698	151	698	151
Nehalem River	24	19.9	12,383	5,363	12,383	5,363
Tillamook Bay	23	19.5	3,961	2,158	3,961	2,158
Nestucca River	21	17.7	4,602	2,437	4,602	2,437
NCDependent	7	4.1	616	532	616	532
MID COAST	104	73.3	20,015	4,090	19,722	4,082
Salmon River	12	6.9	215	176	215	176
Siletz River	22	17.3	4,509	2,167	4,509	2,167
Yaquina River	17	8.4	3,452	1,220	3,452	1,220
Beaver Creek	3	1.8	814	1,057	814	1,057
Alesea River	20	14.8	4,850	1,828	4,850	1,828
Siuslaw River	22	16.3	5,881	2,447	5,881	2,447
MCDependent	8	7.8	293	250		
MID-SOUTH COAST	79	68.6	26,382	9,091	26,189	9,001
Coos Bay	20	18.3	13,482	7,602	13,289	7,493
Coquille River	22	18.2	11,841	4,982	11,841	4,982
Floras Creek	21	16.7	904	189	904	189
Sixes River	15	14.3	155	63	155	63
MSDependent						
UMPQUA	48	34.2	16,055	5,893	15,855	5,802
Lower Umpqua River	17	12.1	9,152	4,566	9,152	4,566
Middle Umpqua	14	10.4	3,104	1,857	3,104	1,857
North Umpqua	1	0.7	0	0		
South Umpqua	16	10.9	3,800	3,230	3,600	3,060

Estimates derived using EMAP protocol. Estimates are adjusted for visual observation bias. Estimates of wild spawners derived through application of carcass fin-mark observations. Missing values for populations indicate inadequate samples for determining total and/or wild abundance.