

ESTIMATED COHO SPAWNER ABUNDANCE

2018 SPAWNING SEASON

MONITORING AREA, Population Area	SURVEY EFFORT		ADULT COHO SPAWNER ABUNDANCE			
	NUMBER SURVEYS	MILES	TOTAL		WILD	
			ESTIMATE	95% CONFIDENCE INTERVAL	ESTIMATE	95% CONFIDENCE INTERVAL
ESU	318	230.9	65,053	10,235	62,794	10,162
NORTH COAST	92	66.2	7,953	2,476	7,690	2,467
Necanicum River	18	11.4	393	134	393	134
Nehalem River	21	17.7	4,190	2,041	4,190	2,041
Tillamook Bay	25	17.2	2,035	1,135	2,035	1,135
Nestucca River	21	15.5	1,072	785	1,072	785
NCDependent	7	4.4	264	208		
MID COAST	114	80.5	22,002	3,724	21,030	3,641
Salmon River	11	8.6	103	95	103	95
Siletz River	26	19.3	4,064	1,434	4,064	1,434
Yaquina River	21	13.4	4,672	2,078	4,672	2,078
Beaver Creek	4	2.1	494	318	494	318
Alsea River	24	17.8	5,062	1,327	5,062	1,327
Siuslaw River	20	11.6	6,635	2,240	6,635	2,240
MCDependent	8	7.8	972	778		
MID-SOUTH COAST	57	46.2	13,793	3,580	12,980	3,560
Coos Bay	22	18.8	7,292	2,116	7,292	2,116
Coquille River	20	16.2	5,688	2,863	5,688	2,863
Floras Creek	5	1.9	628	361		
Sixes River	4	3.3	174	114		
MSDependent	6	5.9	10	16		
UMPQUA	55	38.0	21,304	8,482	21,094	8,440
Lower Umpqua River	20	13.2	14,080	7,627	14,080	7,627
Middle Umpqua	14	11.6	3,888	2,836	3,888	2,836
North Umpqua						
South Umpqua	20	12.5	3,336	2,393	3,125	2,242

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.