

ESTIMATED COHO SPAWNER ABUNDANCE

2017 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	306	226.7	58,397	10,796	58,008	10,790
NORTH COAST	89	67.3	13,671	3,307	13,437	3,300
Necanicum River	17	10.9	555	278	529	265
Nehalem River	23	17.6	5,486	2,011	5,486	2,011
Tillamook Bay	19	16.5	2,927	1,566	2,927	1,566
Nestucca River	23	17.9	4,495	2,080	4,495	2,080
NCDependent	7	4.4	208	197		
MID COAST	109	76.7	22,854	4,936	22,759	4,929
Salmon River	7	4.5	450	314	450	314
Siletz River	25	20.2	5,202	2,376	5,202	2,376
Yaquina River	22	13.4	2,580	922	2,491	890
Beaver Creek	4	2.1	1,559	942	1,553	938
Alsea River	20	14.7	4,288	1,199	4,288	1,199
Siuslaw River	23	13.9	7,129	3,698	7,129	3,698
MCDependent	8	7.8	1,646	1,331	1,646	1,331
MID-SOUTH COAST	61	48.8	8,091	2,916	8,091	2,916
Coos Bay	19	16.1	2,689	1,159	2,689	1,159
Coquille River	19	15.7	4,641	2,659	4,641	2,659
Floras Creek	11	6.8	693	297	693	297
Sixes River	12	10.1	69	39	69	39
UMPQUA	47	33.9	13,780	8,530	13,720	8,528
Lower Umpqua River	16	10.5	10,848	8,450	10,848	8,450
Middle Umpqua	15	11.8	1,788	1,039	1,788	1,039
North Umpqua (below Winchester)	1	0.7	0		0	
South Umpqua	15	10.9	1,144	528	1,084	500

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.