

ESTIMATED COHO SPAWNER ABUNDANCE

2012 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	383	289.0	77,403	10,415	77,006	10,381
NORTH COAST	103	80.6	7,518	1,971	7,518	1,971
Necanicum River	16	12.4	902	861	902	861
Nehalem River	21	15.9	2,963	1,267	2,963	1,267
Tillamook Bay	24	20.0	1,686	1,041	1,686	1,041
Nestucca River	21	16.5	1,751	669	1,751	669
NCDependent	21	15.8	218	86	218	86
MID COAST	130	95.1	34,161	5,014	33,846	4,942
Salmon River	7	6.0	297	361	297	361
Siletz River	23	15.9	4,495	1,400	4,495	1,400
Yaquina River	23	14.6	6,268	2,156	6,268	2,156
Beaver Creek	8	4.7	1,878	614	1,878	614
Alsea River	30	23.4	8,470	1,934	8,470	1,934
Siuslaw River	24	19.2	12,260	3,774	11,946	3,677
MCDependent	15	11.3	492	209	492	209
MID-SOUTH COAST	79	62.0	17,910	4,457	17,828	4,457
Coos Bay	23	18.5	9,414	3,619	9,414	3,619
Coquille River	30	24.0	5,911	2,523	5,911	2,523
Floras Creek	9	5.9	2,502	633	2,502	633
Sixes River	14	10.4	34	31		
MSDependent	3	3.0	49	48		
UMPQUA	71	51.4	17,814	7,719	17,814	7,719
Lower Umpqua River	27	18.4	3,731	1,277	3,731	1,277
Middle Umpqua	21	14.7	2,447	714	2,447	714
North Umpqua						
South Umpqua	22	17.6	11,636	7,579	11,636	7,579

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.