

ESTIMATED COHO SPAWNER ABUNDANCE

2007 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	346	290.3	61,526	14,395	53,653	13,922
NORTH COAST	54	41.9	18,126	7,902	14,840	7,555
Necanicum River	12	10.3	464	226	431	210
Nehalem River	15	12.4	14,458	7,776	14,033	7,548
Tillamook Bay	6	3.8	2,429	1,324		
Nestucca River	10	7.7	399	320		
NCDependent	11	7.6	376	261	376	261
MID COAST	116	94.2	13,664	2,790	11,722	2,547
Salmon River	12	10.0	993	542	59	32
Siletz River	24	18.3	2,416	875	2,197	795
Yaquina River	23	15.6	3,355	1,755	3,158	1,652
Beaver Creek	7	5.5	611	327	611	327
Alsea River	17	13.4	2,146	1,240	2,146	1,240
Siuslaw River	22	22.1	3,581	1,227	3,552	1,217
MCDependent	11	9.2	561	702		
MID-SOUTH COAST	43	38.5	15,650	10,799	15,638	10,799
Coos Bay	31	30.0	1,342	381	1,329	378
Coquille River	6	5.2	13,968	10,791	13,968	10,791
Floras Creek	5	3.0	340	104	340	104
Sixes River						
UMPQUA	133	115.7	14,086	4,515	11,453	3,695
Lower Umpqua River	51	43.0	4,661	1,552	4,237	1,411
Middle Umpqua	28	25.6	1,763	1,125	1,587	1,012
North Umpqua	29	25.6	2,431	1,894	1,081	842
South Umpqua	25	21.5	5,231	3,623	4,549	3,150

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.