

ESTIMATED COHO SPAWNER ABUNDANCE

2009 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	418	336.2	246,763	23,720	240,166	23,064
NORTH COAST	81	65.8	50,505	10,931	48,135	10,337
Necanicum River	21	15.0	3,869	1,078	3,827	1,066
Nehalem River	13	10.3	23,493	8,350	21,753	7,732
Tillamook Bay	19	16.4	16,811	6,358	16,251	6,146
Nestucca River	13	12.3	4,252	2,737	4,252	2,737
NCDependent	15	11.7	2,080	832	2,052	821
MID COAST	144	107.0	88,044	13,616	86,434	13,387
Salmon River	8	7.3	753	437	753	437
Siletz River	24	18.0	25,032	7,149	24,070	6,874
Yaquina River	28	18.8	11,690	4,692	11,182	4,488
Beaver Creek	2	1.3	3,575	502	3,575	502
Alsea River	26	19.8	14,777	4,910	14,638	4,864
Siuslaw River	36	26.3	30,607	9,347	30,607	9,347
MCDependent	20	15.5	1,610	611	1,610	611
MID-SOUTH COAST	77	66.6	53,320	9,059	52,832	8,978
Coos Bay	32	30.1	27,216	6,831	26,979	6,771
Coquille River	26	21.1	22,513	5,708	22,286	5,651
Floras Creek	6	4.1	3,203	1,665	3,203	1,665
Sixes River	9	7.0	190	114	176	105
MSDependent	4	4.3	197	206	188	197
UMPQUA	116	96.8	54,894	13,254	52,765	12,856
Lower Umpqua River	28	20.8	20,026	5,563	19,245	5,346
Middle Umpqua	28	21.4	15,075	9,230	15,075	9,230
North Umpqua	31	28.6	2,652	808	2,501	762
South Umpqua	29	25.9	17,142	7,673	15,944	7,137

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.