

ESTIMATED COHO SPAWNER ABUNDANCE

2005 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	205	176.2	146,870	30,909	140,053	29,563
NORTH COAST	58	51.7	16,510	3,834	15,780	3,770
Necanicum River	12	9.5	1,252	633	1,218	616
Nehalem River	30	29.8	10,451	3,048	10,451	3,048
Tillamook Bay	9	7.0	1,995	1,165	1,995	1,165
Nestucca River	3	1.5	695	684		
NCDependent	4	4.0	2,116	1,784	2,116	1,784
MID COAST	69	59.5	53,401	22,366	51,164	21,581
Salmon River	5	3.5	817	991	79	95
Siletz River	5	4.3	15,234	18,981	14,567	18,150
Yaquina River	4	3.4	3,613	2,119	3,441	2,018
Beaver Creek	4	3.9	2,264	1,597	2,264	1,597
Alsea River	6	5.4	13,907	9,257	13,907	9,257
Siuslaw River	39	33.8	17,321	6,796	16,907	6,633
MCDependent	6	5.2	246	270		
MID-SOUTH COAST	12	10.1	29,111	16,245	28,854	16,166
Coos Bay	9	7.3	17,305	9,308	17,048	9,170
Coquille River	3	2.8	11,806	13,314	11,806	13,314
UMPQUA	66	54.8	47,847	13,286	44,255	11,518
Lower Umpqua River	29	23.5	19,014	6,546	18,591	6,401
Middle Umpqua	15	12.7	8,203	6,477	7,608	6,007
North Umpqua	4	2.5	6,266	7,437	3,692	4,382
South Umpqua	18	16.2	14,364	6,034	14,364	6,034

Estimates derived using EMAP protocol. Estimates are adjusted for visual observation bias. Estimates of wild spawners derived through application of carcass fin-mark observations.