

# ESTIMATED COHO SPAWNER ABUNDANCE

## 2010 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
<b>ESU</b>	<b>373</b>	<b>305.9</b>	<b>241,129</b>	<b>26,658</b>	<b>237,155</b>	<b>26,146</b>
<b>NORTH COAST</b>	<b>97</b>	<b>78.6</b>	<b>56,030</b>	<b>13,726</b>	<b>54,971</b>	<b>13,526</b>
Necanicum River	15	11.5	4,445	1,351	4,445	1,351
Nehalem River	34	27.7	33,052	8,645	32,215	8,426
Tillamook Bay	21	20.5	15,000	10,488	14,890	10,412
Nestucca River	12	9.1	2,040	1,065	1,947	1,016
NCDependent	15	9.9	1,493	848	1,473	837
<b>MID COAST</b>	<b>135</b>	<b>105.6</b>	<b>56,656</b>	<b>9,668</b>	<b>56,544</b>	<b>9,654</b>
Salmon River	12	8.1	1,438	604	1,382	580
Siletz River	25	21.2	6,283	1,515	6,283	1,515
Yaquina River	21	12.2	8,589	3,042	8,589	3,042
Beaver Creek	5	2.9	2,072	2,062	2,072	2,062
Alsea River	27	19.5	9,688	2,133	9,688	2,133
Siuslaw River	25	22.7	25,983	8,180	25,983	8,180
MCDependent	20	19.0	2,603	2,420	2,548	2,368
<b>MID-SOUTH COAST</b>	<b>58</b>	<b>51.4</b>	<b>63,264</b>	<b>12,294</b>	<b>63,035</b>	<b>12,267</b>
Coos Bay	28	22.7	27,888	6,405	27,658	6,352
Coquille River	16	17.0	23,564	7,941	23,564	7,941
Floras Creek	8	6.1	11,329	6,848	11,329	6,848
Sixes River						
MSDependent	5	5.1	484	417	484	417
<b>UMPQUA</b>	<b>83</b>	<b>70.4</b>	<b>65,178</b>	<b>16,662</b>	<b>62,605</b>	<b>16,030</b>
Lower Umpqua River	27	23.1	17,598	4,895	17,516	4,872
Middle Umpqua	14	11.3	18,123	11,542	18,123	11,542
North Umpqua	14	12.8	1,982	1,606	1,982	1,606
South Umpqua	28	23.0	27,475	10,856	24,983	9,871

*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.*