

# ESTIMATED COHO SPAWNER ABUNDANCE

## 2014 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>229</b>	<b>172.9</b>	<b>335,231</b>	<b>42,728</b>	<b>332,453</b>	<b>42,559</b>
<b>NORTH COAST</b>	<b>59</b>	<b>40.6</b>	<b>68,803</b>	<b>15,189</b>	<b>67,370</b>	<b>14,846</b>
Necanicum River	11	7.2	5,825	2,387	5,727	2,347
Nehalem River	13	10.9	31,341	11,935	30,577	11,643
Tillamook Bay	14	10.0	20,550	7,428	20,090	7,262
Nestucca River	12	7.5	6,369	3,148	6,369	3,148
NCDependent	9	5.0	4,718	4,184	4,607	4,085
<b>MID COAST</b>	<b>78</b>	<b>57.8</b>	<b>122,056</b>	<b>22,732</b>	<b>121,840</b>	<b>22,716</b>
Salmon River	17	12.0	3,707	867	3,680	861
Siletz River	12	8.6	19,567	9,174	19,496	9,140
Yaquina River	10	6.7	25,582	13,965	25,582	13,965
Beaver Creek	5	2.6	6,564	2,927	6,564	2,927
Alsea River	11	8.8	25,733	7,388	25,733	7,388
Siuslaw River	12	9.2	38,896	13,149	38,896	13,149
MCDependent	11	9.9	2,008	867	1,890	816
<b>MID-SOUTH COAST</b>	<b>41</b>	<b>33.3</b>	<b>81,057</b>	<b>29,615</b>	<b>80,951</b>	<b>29,615</b>
Coos Bay	18	15.2	38,880	19,615	38,880	19,615
Coquille River	15	10.6	41,660	22,185	41,660	22,185
Floras Creek	1	0.6				
Sixes River	4	4.2	410	348	410	348
MSDependent	3	2.6	107	209		
<b>UMPQUA</b>	<b>51</b>	<b>41.3</b>	<b>63,315</b>	<b>14,183</b>	<b>62,293</b>	<b>14,065</b>
Lower Umpqua River	18	12.1	36,942	11,465	36,942	11,465
Middle Umpqua	15	13.9	13,939	6,976	13,939	6,976
North Umpqua	1	1.1				
South Umpqua	17	14.2	12,434	4,588	11,412	4,211

*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.*