

# ESTIMATED COHO SPAWNER ABUNDANCE

## 2006 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>307</b>	<b>260.2</b>	<b>112,772</b>	<b>21,319</b>	<b>103,551</b>	<b>20,427</b>
<b>NORTH COAST</b>	<b>82</b>	<b>74.2</b>	<b>25,524</b>	<b>5,395</b>	<b>24,135</b>	<b>5,124</b>
Necanicum River	16	13.2	843	318	750	283
Nehalem River	22	19.7	12,816	3,918	11,614	3,551
Tillamook Bay	15	16.3	8,774	3,491	8,774	3,491
Nestucca River	21	18.3	1,895	944	1,876	934
NCDependent	8	6.8	1,196	759	1,121	712
<b>MID COAST</b>	<b>107</b>	<b>85.0</b>	<b>22,695</b>	<b>6,497</b>	<b>21,223</b>	<b>6,207</b>
Salmon River	3	1.1	1,160	962	513	425
Siletz River	21	19.5	5,323	4,624	5,205	4,521
Yaquina River	29	22.1	4,306	1,869	4,247	1,843
Beaver Creek	7	5.3	2,122	1,349	1,950	1,240
Alsea River	12	9.0	1,972	942	1,972	942
Siuslaw River	24	19.9	6,260	3,405	5,869	3,193
MCDependent	11	8.1	1,552	1,453	1,468	1,375
<b>MID-SOUTH COAST</b>	<b>36</b>	<b>32.0</b>	<b>41,057</b>	<b>17,969</b>	<b>40,947</b>	<b>17,968</b>
Coos Bay	23	20.0	11,266	4,243	11,266	4,243
Coquille River	7	6.3	28,577	17,453	28,577	17,453
Floras Creek	6	5.7	1,214	533	1,104	484
<b>UMPQUA</b>	<b>82</b>	<b>68.9</b>	<b>23,496</b>	<b>7,764</b>	<b>17,247</b>	<b>5,442</b>
Lower Umpqua River	42	35.5	9,478	4,449	7,994	3,752
Middle Umpqua	20	17.4	6,111	4,043	4,852	3,211
North Umpqua	8	5.5	5,511	4,693	2,154	1,834
South Umpqua	12	10.5	2,396	1,457	2,246	1,366

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