

**Estimated Abundance of Wild Adult Coho Spawners in the Oregon Coast Coho ESU**  
 Based on GRTS Random Sampling Sites for Rivers, Dam count for N. Umpqua, and Traditional Surveys for Lakes.

6/11/2026

Data Source:	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	GRTS Est.	GRTS Est.
Geographic Scale	Spawner Abundance by Return Year																
ESU / Strata / Population	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
<b>North Coast Strata:</b>																	
Necanicum River	126	752	133	512	269	181	416	97	575	351	359	4,832	2,047	2,377	2,198	1,218	
Nehalem River	1,158	6,837	1,392	3,049	2,844	1,700	527	1,187	1,206	3,555	14,462	21,928	17,164	32,517	18,736	10,451	
Tillamook Bay	80	1,577	176	571	1,105	341	733	437	358	1,831	2,178	1,944	13,334	13,008	2,532	1,995	
Nestucca River	160	618	604	340	266	1,537	440	230	202	2,357	1,219	4,164	16,698	10,194	4,695	686	
NC Dependents	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	661	2,116	
<b>Total</b>	<b>1,524</b>	<b>9,784</b>	<b>2,305</b>	<b>4,472</b>	<b>4,484</b>	<b>3,759</b>	<b>2,116</b>	<b>1,951</b>	<b>2,341</b>	<b>8,094</b>	<b>18,218</b>	<b>32,868</b>	<b>49,243</b>	<b>58,096</b>	<b>28,822</b>	<b>16,466</b>	
<b>Mid Coast Stratum:</b>																	
Salmon River	19	5	11	13	91	105	82	16	86	14	179	225	543	42	1,642	79	
Siletz River	228	410	2,386	207	621	314	395	298	316	1,209	3,387	1,595	2,129	8,038	8,179	14,567	
Yaquina River	318	317	528	458	2,040	4,723	4,578	419	510	2,563	637	3,589	23,800	16,484	5,539	3,441	
Beaver Cr	90	484	618	275	675	308	1,296	497	401	1,511	1,464	1,832	3,217	5,552	4,569	2,264	
Alesea River <sup>a</sup>	775	1,011	6,273	694	828	441	1,060	601	108	1,341	3,363	3,228	9,073	10,281	5,233	13,907	
Siuslaw River	2,269	2,808	3,554	4,600	3,159	6,161	7,234	501	1,020	2,980	6,532	10,606	55,445	29,003	8,729	16,907	
MC Dependents	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8,179	246	
<b>Total</b>	<b>3,699</b>	<b>5,035</b>	<b>13,370</b>	<b>6,247</b>	<b>7,414</b>	<b>12,052</b>	<b>14,645</b>	<b>2,332</b>	<b>2,441</b>	<b>9,618</b>	<b>15,562</b>	<b>21,075</b>	<b>94,207</b>	<b>69,400</b>	<b>42,070</b>	<b>51,411</b>	
<b>Umpqua Stratum:</b>																	
Lower Umpqua River	1,678	3,123	1,797	7,877	2,762	10,854	7,985	1,257	4,552	2,623	5,781	11,639	18,881	16,494	8,989	18,591	
Middle Umpqua River	1,222	4,546	5,275	2,947	2,162	3,250	5,086	563	1,257	1,748	4,555	8,940	10,738	11,090	6,375	7,608	
North Umpqua River <sup>b</sup>	355	1,301	1,579	906	899	1,293	1,069	577	765	1,194	1,677	2,634	3,368	2,862	3,559	1,969	
South Umpqua River	2,934	2,233	435	3,723	1,081	4,715	7,040	937	3,177	3,011	2,581	11,871	10,517	4,337	10,997	14,364	
<b>Total</b>	<b>6,189</b>	<b>11,203</b>	<b>9,086</b>	<b>15,453</b>	<b>6,904</b>	<b>20,112</b>	<b>21,180</b>	<b>3,334</b>	<b>9,751</b>	<b>8,576</b>	<b>14,594</b>	<b>35,084</b>	<b>43,504</b>	<b>34,783</b>	<b>29,920</b>	<b>42,532</b>	
<b>Lakes Stratum: <sup>c</sup></b>																	
Siltcoos	1,578	2,868	385	3,569	1,302	4,415	4,707	2,653	3,122	2,756	3,835	5,104	4,636	6,628	7,998	4,364	
Tahkenitch	1,085	1,215	317	954	1,056	1,577	1,627	1,842	2,817	3,664	634	3,510	3,480	3,188	3,496	1,897	
Tenmile	1,687	3,033	1,271	5,544	3,354	5,092	7,092	4,092	5,169	6,123	8,278	10,990	13,861	6,260	7,148	8,464	
<b>Total</b>	<b>4,350</b>	<b>7,116</b>	<b>1,973</b>	<b>10,067</b>	<b>5,712</b>	<b>11,084</b>	<b>13,426</b>	<b>8,587</b>	<b>11,108</b>	<b>12,543</b>	<b>12,747</b>	<b>19,604</b>	<b>21,977</b>	<b>16,076</b>	<b>18,642</b>	<b>14,725</b>	
<b>Mid-South Coast Stratum:</b>																	
Coos River	2,243	2,426	16,722	14,932	14,500	10,302	12,128	1,112	2,985	4,818	4,704	33,595	33,120	25,761	23,337	17,048	
Coquille River	2,589	4,782	2,033	7,291	5,119	2,034	15,814	5,720	2,412	2,667	6,253	13,833	7,676	22,403	22,138	11,806	
Floras Creek	n.a.	n.a.	n.a.	n.a.	2,653	1,351	1,519	482	879	670	1,477	5,664	3,272	952	7,446	506	
Sixes River	58	35	92	253	238	77	194	143	558	56	136	95	95	86	403	105	
MSDependent	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
<b>Total</b>	<b>4,890</b>	<b>7,243</b>	<b>18,847</b>	<b>22,476</b>	<b>22,510</b>	<b>13,764</b>	<b>29,655</b>	<b>7,457</b>	<b>6,834</b>	<b>8,211</b>	<b>12,570</b>	<b>53,187</b>	<b>44,163</b>	<b>49,202</b>	<b>53,324</b>	<b>29,465</b>	
<b>Oregon Coast ESU</b>	<b>20,652</b>	<b>40,381</b>	<b>45,581</b>	<b>58,715</b>	<b>47,024</b>	<b>60,771</b>	<b>81,022</b>	<b>23,661</b>	<b>32,475</b>	<b>47,042</b>	<b>73,691</b>	<b>161,818</b>	<b>253,094</b>	<b>227,557</b>	<b>172,778</b>	<b>154,599</b>	

n.a. = Not available.

Data Sources:

NMFS&OCCCP = Data for run years through 2003 is as reported in NOAA Technical Memorandum NMFS-NWFSC-91, and in the Oregon Coast Coho Conservation Plan (Appendix 2).

GRTS Est. = Abundance and wild fraction are based on spawning ground survey results from the ODFW Oregon Adult Salmonid Inventory and Sampling (OASIS) Project. In a few cases there were inadequate carcass recoveries (<10)

and/or inadequate surveys, to estimate abundance and/or wild fractions. In these cases we used the same methods to estimate the missing data as documented in the NMFS & OCCCP reports used for the pre- 2004 run years data.

a = Alesea River Population: Starting in 2014, the number of wild adult coho passed at the Alesea Hatchery weir was added to the yearly wild population survey total. In prior years, the area above the weir was sampled.

b = North Umpqua River Population: Abundance and wild fraction are based on counts at Winchester Dam, adjusted for fish removed by harvest and hatchery operations.

c = Coastal Lake Populations: Abundance is based on calibrated standard survey protocols developed in the 1950's & 1960's. Yearly, wild fraction is based on observations of marks on carcasses recovered on all spawning surveys.

**Estimated Abundance of Hatchery Adult Coho spawners in the Oregon Coast Coho ESU**

06/11/26

Based on GRTS Random Sampling Sites for Rivers, Dam count for N. Umpqua, and Traditional Surveys for Lakes.

Data Source:	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	NMFS&OCCCP	GRTS Est.	GRTS Est.
Geographic Scale ESU / Strata / Population	Spawner Abundance by Return Year															GRTS Est.	GRTS Est.
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
<b>North Coast Strata:</b>																	
Necanicum River	84	501	89	342	179	120	277	64	383	19	19	280	96	158	141	34	
Nehalem River	5,464	3,012	2,373	14,014	2,712	2,118	3,766	1,351	51	600	118	414	698	284	89	0	
Tillamook Bay	145	1,498	142	1,146	817	755	246	44	26	147	299	175	373	121	828	0	
Nestucca River	29	110	80	61	47	274	79	41	36	0	50	207	55	109	73	9	
NC Dependents	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	0	
<b>Total</b>	<b>5,722</b>	<b>5,121</b>	<b>2,684</b>	<b>15,563</b>	<b>3,755</b>	<b>3,267</b>	<b>4,368</b>	<b>1,500</b>	<b>496</b>	<b>766</b>	<b>486</b>	<b>1,076</b>	<b>1,222</b>	<b>672</b>	<b>1,131</b>	<b>43</b>	
<b>Mid Coast Strata:</b>																	
Salmon River	415	34	132	351	1,463	1,220	2,621	401	346	159	215	652	565	1,696	1,883	738	
Siletz River	213	575	954	193	579	293	368	38	41	155	0	859	375	383	0	667	
Yaquina River	63	63	105	91	408	945	1,526	110	134	4	1	171	0	0	113	172	
Beaver Cr	0	0	0	0	0	0	405	147	119	0	46	282	143	0	0	0	
Alesea River	422	550	2,214	377	451	240	577	327	1,624	730	0	692	181	0	0	0	
Siuslaw River	674	1,434	1,717	1,278	1,904	1,406	4,136	174	362	213	0	0	250	56	0	414	
MC Dependents	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	0	
<b>Total</b>	<b>1,787</b>	<b>2,656</b>	<b>5,122</b>	<b>2,290</b>	<b>4,805</b>	<b>4,104</b>	<b>9,633</b>	<b>1,197</b>	<b>2,626</b>	<b>1,261</b>	<b>262</b>	<b>2,656</b>	<b>1,514</b>	<b>2,135</b>	<b>1,996</b>	<b>1,991</b>	
<b>Umpqua Strata:</b>																	
Lower Umpqua River	95	0	0	161	156	0	450	188	0	85	115	1,233	906	35	64	423	
Middle Umpqua River	83	308	358	200	147	0	345	38	79	166	164	877	931	0	58	595	
North Umpqua River <sup>a</sup>	1,258	2,430	3,170	1,513	990	1,756	3,743	1,379	3,379	1,979	7,585	14,094	6,695	8,884	6,753	8,346	
South Umpqua River	530	992	79	673	1,442	555	7,040	187	1,430	198	329	1,554	0	0	412	0	
<b>Total</b>	<b>1,966</b>	<b>3,730</b>	<b>3,607</b>	<b>2,547</b>	<b>2,735</b>	<b>2,311</b>	<b>11,578</b>	<b>1,792</b>	<b>4,888</b>	<b>2,428</b>	<b>8,193</b>	<b>17,758</b>	<b>8,532</b>	<b>8,919</b>	<b>7,287</b>	<b>9,364</b>	
<b>Lakes Strata: <sup>b</sup></b>																	
Siltcoos	44	27	6	53	124	82	68	0	0	63	0	0	113	0	27	0	
Tahkenitch	0	0	1	0	6	50	0	16	0	105	0	16	7	15	0	0	
Tenmile	0	108	6	25	0	0	0	0	0	0	0	49	0	0	18	0	
<b>Total</b>	<b>44</b>	<b>135</b>	<b>13</b>	<b>78</b>	<b>130</b>	<b>132</b>	<b>68</b>	<b>16</b>	<b>0</b>	<b>168</b>	<b>0</b>	<b>65</b>	<b>120</b>	<b>15</b>	<b>45</b>	<b>0</b>	
<b>Mid-South Coast Strata:</b>																	
Coos River	30	1,387	257	1,140	707	145	0	15	0	0	0	664	145	189	113	257	
Coquille River	123	869	82	260	0	82	355	0	0	0	0	1,832	190	162	44	0	
Floras Creek	n.a.	n.a.	n.a.	n.a.	240	400	109	43	79	60	0	88	296	86	0	0	
Sixes River	5	3	8	23	22	7	17	13	50	5	12	182	9	8	64	8	
MSDependent	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
<b>Total</b>	<b>158</b>	<b>2,259</b>	<b>347</b>	<b>1,423</b>	<b>969</b>	<b>634</b>	<b>481</b>	<b>71</b>	<b>129</b>	<b>65</b>	<b>12</b>	<b>2,766</b>	<b>640</b>	<b>445</b>	<b>221</b>	<b>265</b>	
<b>Oregon Coast ESU</b>	<b>9,677</b>	<b>13,901</b>	<b>11,773</b>	<b>21,901</b>	<b>12,394</b>	<b>10,448</b>	<b>26,128</b>	<b>4,576</b>	<b>8,139</b>	<b>4,688</b>	<b>8,953</b>	<b>24,321</b>	<b>12,028</b>	<b>12,186</b>	<b>10,680</b>	<b>11,663</b>	

n.a. = Not available.

Data Sources:

GRTS Est. = Abundance and hatchery fraction are based on spawning ground survey results from the ODFW Oregon Adult Salmonid Inventory and Sampling (OASIS) Project. In a few cases there were inadequate carcass recoveries (<10) and/or inadequate surveys to estimate abundance and/or hatchery fractions. In these cases we used the same methods to estimate the missing data as documented in the NMFS & OCCCP reports used for the pre- 2004 run years data.

a = North Umpqua River Population: Abundance and hatchery fraction are based on counts at Winchester Dam, adjusted for fish removed by harvest and hatchery operations.

b = Coastal Lake Populations: Abundance is based on calibrated standard survey protocols developed in the 1950's & 1960's. Yearly, hatchery fraction is based on observations of marks on carcasses recovered on all spawning surveys.