

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2017 a/**

**SPAWNER ESCAPEMENT**

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	353	547	900	95	2,405	2,500	150	1,226	1,376
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	0	22	22 <sup>c/</sup>	0	20	20 <sup>c/</sup>	0	17	17 <sup>c/</sup>
Misc. Tribs. <sup>d/</sup>				0	4	4 <sup>c/</sup>	0	5	5 <sup>c/</sup>
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,312	1,614	2,926	242	3,362	3,604	387	3,868	4,255
South Fork <sup>e/</sup>		25	25					161	161
Misc. Tribs. <sup>e/</sup>		49	49					8	8
<b>Subtotals</b>	<b>1,312</b>	<b>1,710</b>	<b>3,022</b>	<b>242</b>	<b>3,386</b>	<b>3,628</b>	<b>387</b>	<b>4,059</b>	<b>4,446</b>
<b>Total Spawner Escapement</b>	<b>1,665</b>	<b>2,257</b>	<b>3,922</b>	<b>337</b>	<b>5,791</b>	<b>6,128</b>	<b>537</b>	<b>5,285</b>	<b>5,822</b>

**RIVER HARVEST**

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest				0	1,717	1,717	0	2,440	2,440
Angler									
Trinity River Basin									
Hoopa Tribal Harvest				17	1,090	1,107	10	715	725
Angler <sup>b/</sup>	284	140	424	10	2,146	2,156	119	637	756
<b>Total River Harvest</b>	<b>284</b>	<b>140</b>	<b>424</b>	<b>27</b>	<b>4,953</b>	<b>4,980</b>	<b>129</b>	<b>3,792</b>	<b>3,921</b>

**RUN-SIZE ESTIMATES**

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>1,949</b>	<b>2,397</b>	<b>4,346</b>	<b>364</b>	<b>10,744</b>	<b>11,108</b>	<b>666</b>	<b>9,077</b>	<b>9,743</b>

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**SPAWNER ESCAPEMENT**

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	385	930	1,315	76	736	812	508	2,645	3,153
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River								32	32 <sup>c/</sup>
Misc. Tribs. <sup>d/</sup>		6	6		16	16		5	5
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>				140	1,345	1,485	799	4,897	5,696
South Fork <sup>e/</sup>					27	27		300	300
Misc. Tribs. <sup>e/</sup>		39	39		25	25		29	29
Subtotals		45	45	140	1,413	1,553	799	5,263	6,062
<b>Total Spawner Escapement</b>	385	975	1,360	216	2,149	2,365	1,307	7,908	9,215

**RIVER HARVEST**

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest		510	510		247	247		1,074	1,074
Angler									
Trinity River Basin									
Hoopa Tribal Harvest	5	75	75	0	380	380	115	1,000	1,115
Angler <sup>b/</sup>				39	375	414	127	736	863
<b>Total River Harvest</b>	5	585	585	39	1,002	1,041	242	2,810	3,052

**RUN-SIZE ESTIMATES**

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	390	1,560	1,945	255	3,151	3,406	1,549	10,718	12,267

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**SPAWNER ESCAPEMENT**

	1986			1987			1988		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	1,461	7,083	8,544	1,387	8,466	9,853	377	13,905	14,282
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River		88	88 <sup>c/</sup>		64	64 <sup>c/</sup>		98	98 <sup>c/</sup>
Misc. Tribs. <sup>d/</sup>					2	2		8	8
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	4,335	13,371	17,706	2,577	29,083	31,660	241	39,329	39,570
South Fork <sup>e/</sup>		183	183		153	153		59	59
Misc. Tribs. <sup>e/</sup>								273	273
Subtotals	4,335	13,642	17,977	2,577	29,302	31,879	241	39,767	40,008
<b>Total Spawner Escapement</b>	5,796	20,725	26,521	3,964	37,768	41,732	618	53,672	54,290

**RIVER HARVEST**

	1986			1987			1988		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	692	692	0	1,646	1,646	0	2,918	2,918
Angler							104	44	148 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	81	2,022	2,022	122	4,146	4,268	84	2,727	2,811
Angler <sup>b/</sup>	1,222	2,949	4,171	894	8,467	9,361	102	8,738	8,840
<b>Total River Harvest</b>	1,303	5,663	6,885	1,016	14,259	15,275	290	14,427	14,717

**RUN-SIZE ESTIMATES**

	1986			1987			1988		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	7,099	26,388	33,406	4,980	52,027	57,007	908	68,099	69,007

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
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**SPAWNER ESCAPEMENT**

	1989			1990			1991		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	17	4,983	5,000	104	2,433	2,537	71	614	685
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River				169	169	<sup>f/</sup>	187	187	<sup>f/</sup>
Misc. Tribs. <sup>d/</sup>	9	9							
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	435	18,241	18,676	126	2,880	3,006	92	1,268	1,360
South Fork <sup>e/</sup>	7	7		82	82		66	66	
Misc. Tribs. <sup>e/</sup>	17	17		31	33		5	5	
Subtotals	435	18,274	18,709	128	3,162	3,290	92	1,526	1,618
<b>Total Spawner Escapement</b>	452	23,257	23,709	232	5,595	5,827	163	2,140	2,303

**RIVER HARVEST**

	1989			1990			1991		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	4,745	4,745	0	1,413	1,413	0	283	283
Angler	0	145	145	<sup>g/</sup>	17	17	<sup>g/</sup>	91	108
Trinity River Basin									
Hoopa Tribal Harvest	20	1,978	1,998	24	865	889	0	263	263
Angler <sup>b/</sup>	50	2,580	2,630	35	810	845	27	309	336
<b>Total River Harvest</b>	70	9,448	9,518	59	3,105	3,164	44	946	990

**RUN-SIZE ESTIMATES**

	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	522	32,705	33,227	291	8,700	8,991	207	3,086	3,293

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
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**SPAWNER ESCAPEMENT**

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	533	1,313	1,846	31	2,630	2,661	944	1,943	2,887
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	14	372	386 <sup>f/</sup>		311	311 <sup>f/</sup>	36	719	755 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>								1	1
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	944	942	1,886	37	2,111	2,148	550	2,897	3,447
South Fork <sup>e/</sup>	30	136	166		284	284	18	217	235
Misc. Tribs. <sup>e/</sup>	15	3	18	3	45	48	0	22	22
<b>Subtotals</b>	<b>944</b>	<b>1,453</b>	<b>2,456</b>	<b>37</b>	<b>2,751</b>	<b>2,791</b>	<b>550</b>	<b>3,856</b>	<b>4,460</b>
<b>Total Spawner Escapement</b>	<b>1,477</b>	<b>2,766</b>	<b>4,302</b>	<b>68</b>	<b>5,381</b>	<b>5,452</b>	<b>1,494</b>	<b>5,799</b>	<b>7,347</b>

**RIVER HARVEST**

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	396	396	0	550	550	0	501	501
Angler	0	17	17 <sup>g/</sup>	0	0	0 <sup>g/</sup>	96	0	96 <sup>g/</sup>
Trinity River Basin									
Hoopla Tribal Harvest	0	346	346	0	228	228	0	255	255
Angler <sup>b/</sup>	194	104	298	0	423	423	299	155	454
<b>Total River Harvest</b>	<b>194</b>	<b>863</b>	<b>1,057</b>	<b>0</b>	<b>1,201</b>	<b>1,201</b>	<b>395</b>	<b>911</b>	<b>1,306</b>

**RUN-SIZE ESTIMATES**

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>1,671</b>	<b>3,629</b>	<b>5,359</b>	<b>68</b>	<b>6,582</b>	<b>6,653</b>	<b>1,889</b>	<b>6,710</b>	<b>8,653</b>

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**SPAWNER ESCAPEMENT**

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	385	8,722	9,107	119	5,131	5,250	225	4,892	5,117
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	211	1,469	1,680 <sup>f/</sup>	3	1,334	1,337 <sup>f/</sup>	57	1,362	1,419 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>		2	2		2	2			
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>				370	16,283	16,653	543	13,049	13,592
South Fork <sup>e/</sup>	103	447	550		1,049	1,049		630	630
Misc. Tribs. <sup>e/</sup>	49	115	164		121	121		66	66
Subtotals	363	2,033	2,396	373	18,789	19,162	600	15,107	15,707
<b>Total Spawner Escapement</b>	748	10,755	11,503	492	23,920	24,412	825	19,999	20,824

**RIVER HARVEST**

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	2,592	2,592	0	5,905	5,905	0	5,440	5,440
Angler	206	258	464 <sup>g/</sup>	264	406	670 <sup>g/</sup>	227	559	786 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	93	1,175	1,268	6	1,182	1,188	1	1,250	1,251
Angler <sup>b/</sup>				0	1,513	1,513	0	1,330	1,330
<b>Total River Harvest</b>	299	4,025	4,324	270	9,006	9,276	228	8,579	8,807

**RUN-SIZE ESTIMATES**

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	1,047	14,780	15,827	762	32,926	33,688	1,053	28,578	29,631

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**SPAWNER ESCAPEMENT**

	1998			1999			2000		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	184	4,679	4,863	547	3,671	4,218	571	11,594	12,165
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River		265	265 <sup>f/</sup>	56	380	436 <sup>f/</sup>	23	221	244 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>		2	2		14	14		6	6
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	567	9,057	9,624	440	5,968	6,408	1,264	10,846	12,110
South Fork <sup>e/</sup>	1	159	160	16	122	138	23	204	227
Misc. Tribs. <sup>e/</sup>	1	44	45	3	81	84	2	43	45
Subtotals	569	9,527	10,096	515	6,565	7,080	1,312	11,320	12,632
<b>Total Spawner Escapement</b>	753	14,206	14,959	1,062	10,236	11,298	1,883	22,914	24,797

**RIVER HARVEST**

	1998			1999			2000		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest		2,338	2,338		2,392	2,392		3,207	3,207
Angler	19	393	412 <sup>g/</sup>	41	604	645 <sup>g/</sup>	39	122	161 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	45	426	471	13	776	789	41	1,856	1,897
Angler <sup>b/</sup>	51	1,629	1,680	41	626	667	324	1,483	1,807
<b>Total River Harvest</b>	115	4,786	4,901	95	4,398	4,493	404	6,668	7,072

**RUN-SIZE ESTIMATES**

	1998			1999			2000		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	868	18,992	19,860	1,157	14,634	15,791	2,287	29,582	31,869

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**SPAWNER ESCAPEMENT**

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	629	6,366	6,995	617	10,440	11,057	130	14,512	14,642
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	63	325	388 <sup>f/</sup>	27	1,053	1,080 <sup>f/</sup>	25	1,327	1,352 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>	1	1	2	2	2	4	0	1	1
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,178	10,284	11,462	1,888	23,745	25,633	919	33,301	34,220
South Fork <sup>e/</sup>	22	131	153	37	291	328	7	183	190
Misc. Tribs. <sup>e/</sup>	2	19	21	10	72	82	6	163	169
<b>Subtotals</b>	<b>1,266</b>	<b>10,760</b>	<b>12,026</b>	<b>1,964</b>	<b>25,163</b>	<b>27,127</b>	<b>957</b>	<b>34,975</b>	<b>35,932</b>
<b>Total Spawner Escapement</b>	<b>1,895</b>	<b>17,126</b>	<b>19,021</b>	<b>2,581</b>	<b>35,603</b>	<b>38,184</b>	<b>1,087</b>	<b>49,487</b>	<b>50,574</b>

**RIVER HARVEST**

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest		14,890	14,890	127	12,139	12,266	93	6,597	6,690
Angler	65	833	898 <sup>g/</sup>	61	751	812 <sup>g/</sup>	20	226	246 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	46	4,164	4,210	40	3,192	3,232	7	2,377	2,384
Angler <sup>b/</sup>	258	906	1,164	75	1,796	1,871	0	2,033	2,033
<b>Total River Harvest</b>	<b>369</b>	<b>20,793</b>	<b>21,162</b>	<b>303</b>	<b>17,878</b>	<b>18,181</b>	<b>120</b>	<b>11,233</b>	<b>11,353</b>

**RUN-SIZE ESTIMATES**

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>2,264</b>	<b>37,919</b>	<b>40,183</b>	<b>2,884</b>	<b>53,481</b>	<b>56,365</b>	<b>1,207</b>	<b>60,720</b>	<b>61,927</b>



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**SPAWNER ESCAPEMENT**

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	985	5,251	6,236	34	6,956	6,990	819	2,565	3,384
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	106	379	485 <sup>f/</sup>	12	80	92 <sup>f/</sup>	90	265	355 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>	1	2	3	1	8	9	0	1	1
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,390	5,699	7,089	44	7,084	7,128	1,127	2,955	4,082
South Fork <sup>e/</sup>	14	38	52	11	56	67	7	130	137
Misc. Tribs. <sup>e/</sup>	5	19	24	2	9	11	43	78	121
<b>Subtotals</b>	<b>1,516</b>	<b>6,137</b>	<b>7,653</b>	<b>70</b>	<b>7,237</b>	<b>7,307</b>	<b>1,267</b>	<b>3,429</b>	<b>4,696</b>
<b>Total Spawner Escapement</b>	<b>2,501</b>	<b>11,388</b>	<b>13,889</b>	<b>104</b>	<b>14,193</b>	<b>14,297</b>	<b>2,086</b>	<b>5,994</b>	<b>8,080</b>

**RIVER HARVEST**

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	15	3,595	3,610	0	2,258	2,258	47	2,671	2,718
Angler	16	17	33 <sup>g/</sup>	9	84	93 <sup>g/</sup>	123	35	158 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	62	1,944	2,006	17	1,858	1,875	58	1,632	1,690
Angler <sup>b/</sup>	145	421	566	0	691	691	21	0	21 <sup>h/</sup>
<b>Total River Harvest</b>	<b>238</b>	<b>5,977</b>	<b>6,215</b>	<b>26</b>	<b>4,891</b>	<b>4,917</b>	<b>249</b>	<b>4,338</b>	<b>4,587</b>

**RUN-SIZE ESTIMATES**

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>2,739</b>	<b>17,365</b>	<b>20,104</b>	<b>130</b>	<b>19,084</b>	<b>19,214</b>	<b>2,335</b>	<b>10,332</b>	<b>12,667</b>

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2017 a/**

**SPAWNER ESCAPEMENT**

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	55	5,981	6,036	329	3,437	3,766	69	3,000	3,069
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	80	860	940 <sup>f/</sup>	367	945	1,312 <sup>f/</sup>	156	586	742 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>				2	5	7	0	3	3
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	80	8,154	8,234	1,741	4,470	6,211	191	3,724	3,915
South Fork <sup>e/</sup>	4	202	206				9	107	116
Misc. Tribs. <sup>e/</sup>	4	60	64	5	23	28 <sup>i/</sup>	47	46	93
Subtotals	168	9,276	9,444	2,115	5,443	7,558	403	4,466	4,869
<b>Total Spawner Escapement</b>	223	15,257	15,480	2,444	8,880	11,324	472	7,466	7,938

**RIVER HARVEST**

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	4,494	4,494	9	2,020	2,029	2	1,760	1,762
Angler	25	72	97 <sup>g/</sup>	174	74	248 <sup>g/</sup>	11	37	48 <sup>g/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	6	1,349	1,355	77	1,327	1,404	74	1,764	1,838
Angler <sup>b/</sup>	0	565	565	148	158	306	0	442	442
<b>Total River Harvest</b>	31	6,480	6,511	408	3,579	3,987	87	4,003	4,090

**RUN-SIZE ESTIMATES**

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	254	21,737	21,991	2,852	12,459	15,311	559	11,469	12,028

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2017 a/**

**SPAWNER ESCAPEMENT**

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>br</sup>	245	2,457	2,702	2,758	3,823	6,581	109	6,712	6,821
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	280	1,081	1,361 <sup>fr</sup>	374	1,362	1,736 <sup>fr</sup>	205	1,174	1,379 <sup>fr</sup>
Misc. Tribs. <sup>dr</sup>	0	3	3	23	82	105	2	0	2
Trinity River Basin									
Above JCW, excluding TRH <sup>br</sup>	1,512	6,617	8,129	5,217	7,309	12,526	542	16,117	16,659
South Fork <sup>er</sup>	15	105	120	197	240	437	61	773	834
Misc. Tribs. <sup>er</sup>	50	183	233	199	361	560	69	364	433
Subtotals	1,857	7,989	9,846	6,010	9,354	15,364	879	18,428	19,307
<b>Total Spawner Escapement</b>	2,102	10,446	12,548	8,768	13,177	21,945	988	25,140	26,128

**RIVER HARVEST**

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	6	3,273	3,279	29	2,586	2,615	33	3,589	3,622
Angler	183	566	749 <sup>gr</sup>	645	942	1,587 <sup>mv</sup>	230	545	775 <sup>y</sup>
Trinity River Basin									
Hoopa Tribal Harvest	4	1,740	1,744	108	2,282	2,390	21	2,647	2,668
Angler <sup>br</sup>	0	454	454	112	0	112	163	1,976	2,139
<b>Total River Harvest</b>	193	6,033	6,226	894	5,810	6,704	447	8,757	9,204

**RUN-SIZE ESTIMATES**

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	2,295	16,479	18,774	9,662	18,987	28,649	1,435	33,897	35,332

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2017 a/**

**SPAWNER ESCAPEMENT**

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	96	2,482	2,578	362	3,255	3,617	240	1,748	1,988
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	126	817	943 <sup>f/</sup>	66	790	856 <sup>f/</sup>	30	273	303 <sup>f/</sup>
Misc. Tribs. <sup>d/</sup>	5	13	18	0	21	21	0	7	7
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	185	5,956	6,141	282	2,833	3,115	253	2,055	2,308
South Fork <sup>e/</sup>	36	295	331	8	83	91			<sup>i/</sup>
Misc. Tribs. <sup>e/</sup>	58	166	224	27	105	132	0	0	<sup>i/</sup>
Subtotals	410	7,247	7,657	383	3,832	4,215	283	2,335	2,618
<b>Total Spawner Escapement</b>	506	9,729	10,235	745	7,087	7,832	523	4,083	4,606

**RIVER HARVEST**

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	7	3,753	3,760	16	3,145	3,161	0	2,577	2,577
Angler	141	1,221	1,362 <sup>j/</sup>	169	1,107	1,276 <sup>j/</sup>	76	457	533 <sup>j/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	19	1,202	1,221	85	1,733	1,818	15	1,087	1,102
Angler <sup>b/</sup>	0	243	243 <sup>k/</sup>	16	210	226	0	139	139
<b>Total River Harvest</b>	167	6,419	6,586	286	6,195	6,481	91	4,260	4,351

**RUN-SIZE ESTIMATES**

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	673	16,148	16,821	1,031	13,282	14,313	614	8,343	8,957

(Continued next page)

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2017 a/**

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**SPAWNER ESCAPEMENT**

	2016			2017			2018		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	277	1,830	2,107	246	1,134	1,380			0
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	36	437	473 <sup>f/</sup>	33	144	177 <sup>f/</sup>			0
Misc. Tribs. <sup>d/</sup>	0	0	0	0	2	2			0
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	250	1,331	1,581	486	2,483	2,969			0
South Fork <sup>e/</sup>	3	58	61	1	15	16			0
Misc. Tribs. <sup>e/</sup>	6	42	48	4	34	38			
Subtotals	295	1,868	2,163	524	2,678	3,202			0
<b>Total Spawner Escapement</b>	572	3,698	4,270	770	3,812	4,582	0	0	0

**IN-RIVER HARVEST**

	2016			2017			2018		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	1001	1,001	5	884	889			0
Angler	65	467	532 <sup>y/</sup>	79	373	452 <sup>y/</sup>			0
Trinity River Basin									
Hoopa Tribal Harvest	14	679	693	8	412	420			0
Angler <sup>b/</sup>	18	198	216	76	29	105			0
<b>Total River Harvest</b>	97	2,345	2,442	168	1,698	1,866	0	0	0

**RUN-SIZE ESTIMATES**

	2016			2017			2018		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	669	6,043	6,712	938	5,510	6,448	0	0	0

(Continued next page)

### **Footnotes**

- a/ 2017 data is preliminary and subject to revision.
- b/ CDFW Trinity Basin Salmon and Steelhead Monitoring Project Annual Reports (1980 - 2017).  
Mark-recapture project above JCW not funded in 1995.
- c/ Index reach counts only (1980-1989).
- d/ Select mid-Klamath Tributaries from Orleans and Happy Camp Ranger Districts Summer steelhead surveys; incidental observations of Spring Chinook (all streams not surveyed each year).
- e/ Dive surveys of South Fork Trinity and tributaries: New River, North Fork Trinity, Canyon Creek and Hayfork Creek (all streams not surveyed each year). Jacks not enumerated 1980-1989, 1991, 1996 and 1997).
- f/ Full habitat Dive Survey Count, including Index reach counts (1990 to present), jacks not enumerated in 1990, 1991, 1993, 1998.
- g/ From Spring Chinook salmon CWTs recovered in CDFW Fall Chinook recreational creel survey (1988-2010).
- h/ Includes Hoopa creel below Willow Creek weir and estimated harvest above Junction City weir.
- i/ Not surveyed or extremely shortened surveys due to fire closure of USDA-FS lands.
- j/ Numbers from the Spring Chinook salmon creel performed by CDFW mid-April until the fall Chinook salmon creel began the first weekend in August (2010 to present).
- k/ Above JC weir, numbers derived from tag returns only.

<b>SPAWNER ESCAPEMENT</b>	<b>CONTACT NAME</b>	<b>EMAIL</b>
<b>Hatchery Spawners</b>		
Trinity River Hatchery (TRH)	CDFW - Mary Claire Kier	maryclaire.kier@wildlife.ca.gov
<b>Natural Spawners</b>		
<b>Klamath River Basin</b>		
Salmon River	SRRC - Amy Fingerle	fisheries@srrc.org
Misc. Tributaries	USFS - John Grunbaum	jgrunbaum@fs.fed.us
	USFS - LeRoy Cyr	lcyr@fs.fed.us
	USFS - Maija Meneks	mmeneks@fs.fed.us
	Karuk Tribe - Toz Soto	tsoto@karuk.us
	CDFW - Domenic Giudice	domenic.giudice@wildlife.ca.gov
<b>Trinity River Basin</b>		
Above JCW, excluding TRH	CDFW - Mary Claire Kier	maryclaire.kier@wildlife.ca.gov
South Fork	CDFW - Andrew Hill	andrew.hill@wildlife.ca.gov
Misc. Tribs.	USFS - Andrea McBroom	andreatmcbroom@fs.fed.us
<b>HARVEST</b>		
<b>Klamath River Basin</b>		
Yurok Tribe	Yurok Tribe - Desma Williams	dwilliams@yuroktribe.nsn.us
Recreational (Lower Klamath)	CDFW - Dan Troxel	dan.troxel@wildlife.ca.gov
<b>Trinity River Basin</b>		
Hoopa Tribal Harvest	Hoopa Tribe - Billy Matilition	bmatilton@hoopa-nsn.gov
Recreational (above JCW)	CDFW - Mary Claire Kier	maryclaire.kier@wildlife.ca.gov

## Data Caveats

1. Data are provided by Klamath basin agencies, tribes and non-profits and are not subject to external peer review.
2. Blanks cells represent no surveys or estimates, and zeros indicate surveys where no fish were observed. Basin estimates are subject to funding, personnel availability and entity priorities, therefore some sector estimates in some years are missing or are partial estimates.
3. Data collection methods vary by sector, general descriptions are the following:
  - Escapement
    - Trinity River Hatchery- Direct count
    - Salmon River- Single pass dive count
    - Misc. Klamath tribes - Single pass dive count
    - Trinity River above Junction City Weir- mark/recapture estimate
    - South Fork Trinity River- Single pass dive count
    - Trinity River misc. tribes- Single pass dive count
  - Harvest
    - Yurok Tribal harvest- roving estimate of effort and catch
    - Lower Klamath rec. harvest - roving and access point creel survey estimate
    - Hoopa Tribal Harvest - roving estimate of effort and catch
    - Trinity River rec. harvest (above Junction City weir) - Estimated via angler tag returns (harvest rate X run above Junction City weir)
4. Jack and adult estimates are obtained by visual interpretation (single pass dive counts) or by length frequency analyses (hatchery, Junction City weir, harvest estimates)
5. Natural escapement above Junction City weir contains annual variable hatchery component (stray component).
6. Trinity River Hatchery Spring Chinook mitigation production goals are 1 million smolts and 400,000 yearlings annually. These goals are not achieved in all years.
7. Run and spawn timing and spawn locations overlap with fall Chinook salmon in some areas, which could bias escapement and harvest estimates in some years.
8. State and Tribal fishery regulations can influence both harvest and escapement. Klamath basin Spring Chinook are currently not managed by the Pacific Fishery Management Council for tribal/non-tribal allocations.