

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2023 a/**

**SPAWNER ESCAPEMENT**

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>br</sup>	353	547	900	95	2,405	2,500	150	1,226	1,376
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River			22 <sup>cr</sup>			20 <sup>cr</sup>			17 <sup>cr</sup>
Misc. Tribs. <sup>dl</sup>				0	4	4	0	5	5
Trinity River Basin									
Above JCW, excluding TRH <sup>br</sup>	1,312	1,614	2,926	242	3,362	3,604	387	3,868	4,255
South Fork <sup>er</sup>		25	25					161	161
Misc. Tribs. <sup>fr</sup>		49	49					8	8
Subtotals	1,312	1,688	3,022	242	3,366	3,628	387	4,042	4,446
<b>Total Spawner Escapement</b>	1,665	2,235	3,922	337	5,771	6,128	537	5,268	5,822

**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>br</sup>	284	140	424	10	2,146	2,156	119	637	756
<b>Total River Harvest</b>	284	140	424	27	4,953	4,980	129	3,792	3,921

**RUN-SIZE ESTIMATES**

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	1,949	2,375	4,346	364	10,724	11,108	666	9,060	9,743

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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 <sup>c/</sup>
Misc. Tribs. <sup>d/</sup>		6	6		16	16		2	2
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>				140	1,354	1,494	799	4,897	5,696
South Fork <sup>e/</sup>					27	27		300	300
Misc. Tribs. <sup>f/</sup>		39	39		25	25		29	29
Subtotals		45	45	140	1,422	1,562	799	5,228	6,059
<b>Total Spawner Escapement</b>	385	975	1,360	216	2,158	2,374	1,307	7,873	9,212

**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	3,160	3,415	1,549	10,683	12,264

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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>br</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 <sup>cr</sup>			63 <sup>cr</sup>			98 <sup>cr</sup>
Misc. Tribs. <sup>cl</sup>					2	2		7	7
Trinity River Basin									
Above JCW, excluding TRH <sup>br</sup>	4,335	13,371	17,706	2,577	29,083	31,660	241	39,329	39,570
South Fork <sup>er</sup>		183	183		153	153		59	59
Misc. Tribs. <sup>fr</sup>								273	273
Subtotals	4,335	13,554	17,977	2,577	29,238	31,878	241	39,668	40,007
<b>Total Spawner Escapement</b>	5,796	20,637	26,521	3,964	37,704	41,731	618	53,573	54,289

**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>hr</sup>
Trinity River Basin									
Hoopa Tribal Harvest	81	2,022	2,022	122	4,146	4,268	84	2,727	2,811
Angler <sup>br</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	26,300	33,406	4,980	51,963	57,006	908	68,000	69,006

**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	<sup>g/</sup>			187 <sup>g/</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>f/</sup>			17			33			5
Subtotals	435	18,257	18,709	126	2,962	3,290	92	1,334	1,618
<b>Total Spawner Escapement</b>	452	23,240	23,709	230	5,395	5,827	163	1,948	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>h/</sup>	0	17	17 <sup>h/</sup>	17	91	108 <sup>h/</sup>
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	32,688	33,227	289	8,500	8,991	207	2,894	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			368 <sup>g/</sup>			311 <sup>g/</sup>			755 <sup>g/</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>f/</sup>	3	15	18			48			22
Subtotals	944	1,093	2,438	37	2,395	2,791	550	3,115	4,460
<b>Total Spawner Escapement</b>	1,477	2,406	4,284	68	5,025	5,452	1,494	5,058	7,347

**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>h/</sup>	0	0	0 <sup>h/</sup>	96	0	96 <sup>h/</sup>
Trinity River Basin									
Hoopa 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>	194	863	1,057	0	1,201	1,201	395	911	1,306

**RUN-SIZE ESTIMATES**

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	1,671	3,269	5,341	68	6,226	6,653	1,889	5,969	8,653

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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	194	1,335	1,529 <sup>g/</sup>			1,246 <sup>g/</sup>	57	1,234	1,291 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>		2	2		7	7		1	1
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>	108	447	555		1,097	1,097		647	647
Misc. Tribs. <sup>f/</sup>			135			73			49
Subtotals	302	1,784	2,221	370	17,387	19,076	600	14,931	15,580
<b>Total Spawner Escapement</b>	687	10,506	11,328	489	22,518	24,326	825	19,823	20,697

**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>h/</sup>	264	406	670 <sup>h/</sup>	227	559	786 <sup>h/</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>	986	14,531	15,652	759	31,524	33,602	1,053	28,402	29,504

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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 <sup>g/</sup>	56	380	436 <sup>g/</sup>	22	203	225 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>		2	2		14	14		5	5
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	171	172	18	157	175	25	231	256
Misc. Tribs. <sup>f/</sup>			33			15	0	16	16
Subtotals	568	9,230	10,096	514	6,519	7,048	1,311	11,301	12,612
<b>Total Spawner Escapement</b>	752	13,909	14,959	1,061	10,190	11,266	1,882	22,895	24,777

**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>h/</sup>	41	604	645 <sup>h/</sup>	39	122	161 <sup>h/</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>	867	18,695	19,860	1,156	14,588	15,759	2,286	29,563	31,849

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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>g/</sup>	27	984	1,011 <sup>g/</sup>	25	1,241	1,266 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>		1	1	2	6	8	0	8	8
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,178	10,284	11,462	1,883	23,674	25,557	909	30,211	31,120
South Fork <sup>e/</sup>	22	144	166	37	347	384	12	263	275
Misc. Tribs. <sup>f/</sup>	2	6	8	10	16	26	1	83	84
Subtotals	1,265	10,760	12,025	1,959	25,027	26,986	947	31,806	32,753
<b>Total Spawner Escapement</b>	1,894	17,126	19,020	2,576	35,467	38,043	1,077	46,318	47,395

**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>h/</sup>	61	751	812 <sup>h/</sup>	20	226	246 <sup>h/</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>	369	20,793	21,162	303	17,878	18,181	120	11,233	11,353

**RUN-SIZE ESTIMATES**

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	2,263	37,919	40,182	2,879	53,345	56,224	1,197	57,551	58,748



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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	25	6,966	6,991	819	2,565	3,384
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	101	343	444 <sup>g/</sup>	12	78	90 <sup>g/</sup>	83	233	316 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>	1	3	4		2	2	0	1	1
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,708	7,314	9,022	30	6,003	6,033	1,127	2,955	4,082
South Fork <sup>e/</sup>	14	45	59	11	61	72	8	138	146
Misc. Tribs. <sup>f/</sup>	5	12	17	2	4	6	42	70	112
Subtotals	1,829	7,717	9,546	55	6,148	6,203	1,260	3,397	4,657
<b>Total Spawner Escapement</b>	2,814	12,968	15,782	80	13,114	13,194	2,079	5,962	8,041

**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>h/</sup>	9	84	93 <sup>h/</sup>	123	35	158 <sup>h/</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>	236	653	889	0	961	961	17	0	17 <sup>i/</sup>
<b>Total River Harvest</b>	329	6,209	6,538	26	5,161	5,187	245	4,338	4,583

**RUN-SIZE ESTIMATES**

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	3,143	19,177	22,320	106	18,275	18,381	2,324	10,300	12,624

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**SPAWNER ESCAPEMENT**

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>br</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	842	922 <sup>gr</sup>	367	945	1,312 <sup>gr</sup>	124	545	669 <sup>gr</sup>
Misc. Tribs. <sup>dl</sup>		2	2	2	5	7	0	3	3
Trinity River Basin									
Above JCW, excluding TRH <sup>br</sup>	80	8,154	8,234	1,741	4,470	6,211	191	3,724	3,915
South Fork <sup>el</sup>	4	208	212				9	107	116
Misc. Tribs. <sup>fr</sup>	4	54	58	5	23	28	47	46	93
Subtotals	168	9,260	9,428	2,115	5,443	7,558	371	4,425	4,796
<b>Total Spawner Escapement</b>	223	15,241	15,464	2,444	8,880	11,324	440	7,425	7,865

**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>hr</sup>	174	74	248 <sup>hr</sup>	11	37	48 <sup>hr</sup>
Trinity River Basin									
Hoopa Tribal Harvest	6	1,349	1,355	77	1,327	1,404	74	1,764	1,838
Angler <sup>br</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	21,721	21,975	2,852	12,459	15,311	527	11,428	11,955

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**SPAWNER ESCAPEMENT**

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</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>g/</sup>	351	1,242	1,593 <sup>g/</sup>	187	1,104	1,291 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>	0	3	3	2	3	5	2	0	2
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	1,309	6,810	8,119	5,217	7,309	12,526	542	16,117	16,659
South Fork <sup>e/</sup>	15	108	123	197	240	437	61	779	840
Misc. Tribs. <sup>f/</sup>	50	180	230	199	361	560	69	358	427
Subtotals	1,654	8,182	9,836	5,966	9,155	15,121	861	18,358	19,219
<b>Total Spawner Escapement</b>	1,899	10,639	12,538	8,724	12,978	21,702	970	25,070	26,040

**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>j/</sup>	645	942	1,587 <sup>j/</sup>	230	545	775 <sup>j/</sup>
Trinity River Basin									
Hoopa Tribal Harvest	4	1,740	1,744	108	2,282	2,390	21	2,647	2,668
Angler <sup>b/</sup>	0	463	463	112	0	112	163	1,976	2,139
<b>Total River Harvest</b>	193	6,042	6,235	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>	2,092	16,681	18,773	9,618	18,788	28,406	1,417	33,827	35,244

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2023 a/**

**SPAWNER ESCAPEMENT**

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>br</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	125	770	895 <sup>g/</sup>	63	832	895 <sup>g/</sup>	28	273	301 <sup>g/</sup>
Misc. Tribs. <sup>d/</sup>	5	13	18	0	21	21	0	7	7
Trinity River Basin									
Above JCW, excluding TRH <sup>br</sup>	185	5,956	6,141	282	2,833	3,115	250	1,980	2,230
South Fork <sup>ef</sup>	36	295	331	8	83	91			
Misc. Tribs. <sup>fr</sup>	58	166	224	27	105	132	0	0	0
Subtotals	409	7,200	7,609	380	3,874	4,254	278	2,260	2,538
<b>Total Spawner Escapement</b>	505	9,682	10,187	742	7,129	7,871	518	4,008	4,526

**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>br</sup>	0	243	243 <sup>k/</sup>	16	210	226	0	190	190
<b>Total River Harvest</b>	167	6,419	6,586	286	6,195	6,481	91	4,311	4,402

**RUN-SIZE ESTIMATES**

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	672	16,101	16,773	1,028	13,324	14,352	609	8,319	8,928

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**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
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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	420	2,488	2,908
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	33	406	439 <sup>g/</sup>	33	133	166 <sup>g/</sup>	20	171	191
Misc. Tribs. <sup>d/</sup>	0	1	1	0	2	2	1	11	12
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	250	1,331	1,581	481	2,459	2,940	507	4,352	4,859
South Fork <sup>e/</sup>	3	58	61	4	17	21	2	17	19
Misc. Tribs. <sup>f/</sup>	6	42	48	2	32	34	6	11	17
<b>Subtotals</b>	<b>292</b>	<b>1,838</b>	<b>2,130</b>	<b>520</b>	<b>2,643</b>	<b>3,163</b>	<b>536</b>	<b>4,562</b>	<b>5,098</b>
<b>Total Spawner Escapement</b>	<b>569</b>	<b>3,668</b>	<b>4,237</b>	<b>766</b>	<b>3,777</b>	<b>4,543</b>	<b>956</b>	<b>7,050</b>	<b>8,006</b>

**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	5	1,306	1,311
Angler	65	467	532 <sup>y/</sup>	79	373	452 <sup>y/</sup>	139	853	992
Trinity River Basin									
Hoopa Tribal Harvest	14	679	693	8	412	420	49	481	530
Angler <sup>b/</sup>	18	198	216	75	29	104	0	265	265
<b>Total River Harvest</b>	<b>97</b>	<b>2,345</b>	<b>2,442</b>	<b>167</b>	<b>1,698</b>	<b>1,865</b>	<b>193</b>	<b>2,905</b>	<b>3,098</b>

**RUN-SIZE ESTIMATES**

	2016			2017			2018		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>666</b>	<b>6,013</b>	<b>6,679</b>	<b>933</b>	<b>5,475</b>	<b>6,408</b>	<b>1,149</b>	<b>9,955</b>	<b>11,104</b>

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**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2023 a/**

**SPAWNER ESCAPEMENT**

	2019			2020			2021		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	68	4,410	4,478	303	957	1,260	307	1,698	2,005
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	23	138	161 <sup>g/</sup>	9	97	106 <sup>g/</sup>	6	89	95
Misc. Tribs. <sup>d/</sup>	0	0	0	0	0	0	0	9	9
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	162	7,378	7,540	336	1,567	1,903	471	2,927	3,398
South Fork <sup>e/</sup>	2	13	15	1	11	12			0
Misc. Tribs. <sup>f/</sup>	10	25	35	0	0	0			0
<b>Subtotals</b>	<b>197</b>	<b>7,554</b>	<b>7,751</b>	<b>346</b>	<b>1,675</b>	<b>2,021</b>	<b>477</b>	<b>3,025</b>	<b>3,502</b>
<b>Total Spawner Escapement</b>	<b>265</b>	<b>11,964</b>	<b>12,229</b>	<b>649</b>	<b>2,632</b>	<b>3,281</b>	<b>784</b>	<b>4,723</b>	<b>5,507</b>

**IN-RIVER HARVEST**

	2019			2020			2021		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	0	201	201	10	255	265	16	1,091	1,107
Angler	144	397	541 <sup>v/</sup>	13	33	46 <sup>v/</sup>	88	393	481
Trinity River Basin									
Hoopa Tribal Harvest	316	838	1,154	5	147	152	135	982	1,117
Angler <sup>b/</sup>	16	603 <sup>m/</sup>	619	69	76	145	10 <sup>n/</sup>	147	157
<b>Total River Harvest</b>	<b>476</b>	<b>2,039</b>	<b>2,515</b>	<b>97</b>	<b>511</b>	<b>608</b>	<b>249</b>	<b>2,613</b>	<b>2,862</b>

**RUN-SIZE ESTIMATES**

	2019			2020			2021		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	<b>741</b>	<b>14,003</b>	<b>14,744</b>	<b>746</b>	<b>3,143</b>	<b>3,889</b>	<b>1,033</b>	<b>7,336</b>	<b>8,369</b>

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**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates  
1980-2023 a/**

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**SPAWNER ESCAPEMENT**

	2022			2023			2024		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Trinity River Hatchery (TRH) <sup>b/</sup>	180	3,971	4,151	338	2,540	2,878			0
<b>Natural Spawners</b>									
Klamath River Basin									
Salmon River	19	271	290 <sup>g/</sup>	23	218	241 <sup>g/</sup>			0
Misc. Tribs. <sup>d/</sup>	1	2	3	9	8	17			0
Trinity River Basin									
Above JCW, excluding TRH <sup>b/</sup>	395	8,531	8,926	451	3,776	4,227			0
South Fork <sup>a/</sup>	6	28	34	0	4	4			0
Misc. Tribs. <sup>f/</sup>	19	118	137	8	70	78			0
Subtotals	440	8,950	9,390	491	4,076	4,567	0	0	0
<b>Total Spawner Escapement</b>	620	12,921	13,541	829	6,616	7,445	0	0	0

**IN-RIVER HARVEST**

	2022			2023			2024		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Harvest</b>									
Klamath River Basin									
Yurok Tribal Harvest	23	1042	1,065	12	717	729			0
Angler	43	197	240 <sup>v/</sup>	0	0	0 <sup>o/</sup>			0
Trinity River Basin									
Hoopa Tribal Harvest	32	1,538	1,570	64	854	918			0
Angler <sup>b/</sup>	0	186	186	0	6	6 <sup>p/</sup>			0
<b>Total River Harvest</b>	98	2,963	3,061	76	1,577	1,653	0	0	0

**RUN-SIZE ESTIMATES**

	2022			2023			2024		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Total Run-size Estimates</b>	718	15,884	16,602	905	8,193	9,098	0	0	0

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## Footnotes

- a/ 2023 data is preliminary and subject to revision.
- b/ CDFW Trinity Basin Salmon and Steelhead Monitoring Project Annual Reports (1980 to present). Mark-recapture project above JCW not funded in 1995.
- c/ Index reach counts only (1980-1989). Adults and grilse not enumerated separately.
- 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 tributary Hayfork Creek. Hayfork Creek surveys began 1995. Jacks not enumerated in 1989-1991, 1993, 1996-1997. Hayfork Creek not surveyed in 2009, 2013-2014 and 2023. No surveys conducted in 2008, 2015, and 2021.
- f/ Trinity River Misc Tribs includes New River, North Fork Trinity and Canyon Creek. Jacks not enumerated for all tributaries, combined totals only for 1989-1991, 1993-1999. Canyon Creek not surveyed 1989, 2014-2015, 2021. North Fork Trinity not surveyed 1989, 2018, 2021. New River not surveyed in 2015, 2020, 2021. Not all reaches surveyed each year.
- g/ Full habitat Dive Survey Count of Salmon River Mainstem, Wooley Creek, North Fork, South Fork, and East Fork of the South Fork, including Index reach counts (1990 to present). Jacks not enumerated, or jacks/adult counts combined in 1990-1994, 1996, 1998. Additional tributaries to the Salmon River surveyed 1996, 2006, 2007, 2015, 2017 to present (counts included in totals). Observed spring Chinook mortalities included in adult counts in 1994, 2002-2004, 2014 to present.
- h/ From Spring Chinook salmon CWTs recovered in CDFW Fall Chinook recreational creel survey (1988-2009).
- i/ Includes Hoopa creel below Willow Creek weir and estimated harvest above Junction City weir.
- 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 2018).
- k/ Above JC weir, numbers derived from tag returns only.
- l/ Beginning 2019, creel survey conducted from July 1 through Aug 5 in response to UKTR Spring Chinook Emergency Regulations, or subsequent approved regulations following listing under CESA. May include additional estimated harvest from Aug 6 through Aug 14 based upon coded wire tag returns in Spring and Fall Creel Surveys.
- m/ Includes 2 adult Spring Chinook estimated harvest from the Hoopa Non-Tribal Creel Survey.
- n/ Includes 10 jack Spring Chinook estimated harvest from the Hoopa Non-Tribal Creel Survey.
- o/ State-wide closure to recreational salmon fishing; no creel survey conducted in 2023.
- p/ State-wide closure to recreational salmon fishing, estimate derived from single Chinook tag return.



<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	USFS - Maija Meneks	maija.meneks@usda.gov
Misc. Tributaries (Mid-Klamath)	USFS - John Grunbaum	jon.grunbaum@usda.gov
	USFS - LeRoy Cyr	leroy.cyr@usda.gov
	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	WRTC - Cindy Buxton	cbuxton@thewatershedcenter.com
Upper Trinity Tributaries	USFS - Eric Wiseman	eric.wiseman@usda.gov
	USFS - Amelia Fleitz	Amelia.Fleitz@usda.gov
	TCRCD - Annyssa Interrante	ainterrante@tcrd.net
Lower Trinity Tributaries	USFS - LeRoy Cyr	leroy.cyr@usda.gov
<b>HARVEST</b>		
<b>Klamath River Basin</b>		
Yurok Tribe	Yurok Tribe - Keith Parker	kparker@yuroktribe.nsn.us
Recreational (Lower Klamath)	CDFW - Dan Troxel	dan.troxel@wildlife.ca.gov
<b>Trinity River Basin</b>		
Hoopa Tribal Harvest	Hoopa Tribe - Karl Seitz	kseitz@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
    - Hoopla 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.