

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates
1980-2014**

SPAWNER ESCAPEMENT

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	353	547 ^{b/}	900	95	2,405	2,500	150	1,226	1,376
Natural Spawners									
Klamath River Basin									
Salmon River	0	65 ^{a/}	65	0	28	28	0	20	20
Misc. Tribs.				0	4 ^{e/}	4	0	5	5
Trinity River Basin									
Above JCW, excluding TRH	1,312	1,614 ^{b/}	2,926	242	3,362	3,604	387	3,868	4,255
South Fork		200	200			0		161	161
Misc. Tribs.		49 ^{d/}	49			0		8	8
Subtotals	1,312	1,928	3,240	242	3,394	3,636	387	4,062	4,449
Total Spawner Escapement	1,665	2,475	4,140	337	5,799	6,136	537	5,288	5,825

RIVER HARVEST

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe				0	1,717	1,717	0	2,440	2,440
Angler									
Trinity River Basin									
Hoopla Tribal Harvest				17	1,090	1,107	10	715	725
Angler	284	140	424	10	2,146	2,156	119	637	756
Total River Harvest	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
Total Run-size Estimates	1,949	2,615	4,564	364	10,752	11,116	666	9,080	9,746

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SPAWNER ESCAPEMENT

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	385	930	1,315	76	736	812	508	2,645	3,153
Natural Spawners									
Klamath River Basin									
Salmon River							45	45	
Misc. Tribs.		6	6		16	16		5	5
Trinity River Basin									
Above JCW, excluding TRH				140	1,345	1,485	799	4,897	5,696
South Fork								100	100
Misc. Tribs.		39	39		25	25		29	29
Subtotals		45	45	140	1,386	1,526	799	5,076	5,875
Total Spawner Escapement	385	975	1,360	216	2,122	2,338	1,307	7,721	9,028

RIVER HARVEST

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe		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				39	375	414	127	736	863
Total River Harvest	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
Total Run-size Estimates	390	1,560	1,945	255	3,124	3,379	1,549	10,531	12,080

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SPAWNER ESCAPEMENT

	1986			1987			1988		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	1,461	7,083	8,544	1,387	8,466	9,853	377	13,905	14,282
Natural Spawners									
Klamath River Basin									
Salmon River		88	88		64	64		179	179
Misc. Tribs.					2	2		8	8
Trinity River Basin									
Above JCW, excluding TRH	4,335	13,371	17,706	2,577	29,083	31,660	241	39,329	39,570
South Fork		183	183		153	153		59	59
Misc. Tribs.								273	273
Subtotals	4,335	13,642	17,977	2,577	29,302	31,879	241	39,848	40,089
Total Spawner Escapement	5,796	20,725	26,521	3,964	37,768	41,732	618	53,753	54,371

RIVER HARVEST

	1986			1987			1988		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	0	692	692	0	1,646	1,646	0	2,918	2,918
Angler							104	44	148
Trinity River Basin									
Hoopa Tribal Harvest	81	2,022	2,022	122	4,146	4,268	84	2,727	2,811
Angler	1,222	2,949	4,171	894	8,467	9,361	102	8,738	8,840
Total River Harvest	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
Total Run-size Estimates	7,099	26,388	33,406	4,980	52,027	57,007	908	68,180	69,088

**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
Hatchery Spawners									
Trinity River Hatchery (TRH)	17	4,983	5,000	104	2,433	2,537	71	614	685
Natural Spawners									
Klamath River Basin									
Salmon River			0	179 ^{cl}	179		187	187	
Misc. Tribs.		9	9						0
Trinity River Basin									
Above JCW, excluding TRH	435	18,241	18,676	126	2,880	3,006	92	1,268	1,360
South Fork		33	33		82	82		66	66
Misc. Tribs.		17	17		32	32		5	5
Subtotals	435	18,300	18,735	126	3,173	3,299	92	1,526	1,618
Total Spawner Escapement	452	23,283	23,735	230	5,606	5,836	163	2,140	2,303

RIVER HARVEST

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

RUN-SIZE ESTIMATES

	1989			1990			1991		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Total Run-size Estimates	522	32,731	33,253	289	8,711	9,000	207	3,086	3,293

**Klamath River Basin Spring Chinook Salmon Spawner Escapement, River Harvest and Run-size Estimates
1980-2014**

SPAWNER ESCAPEMENT

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	533	1,313	1,846	31	2,630	2,661	944	1,943	2,887
Natural Spawners									
Klamath River Basin									
Salmon River		370	370		309	309		755	755
Misc. Tribs.						0		1	1
Trinity River Basin									
Above JCW, excluding TRH	944	942	1,886	37	2,111	2,148	550	2,897	3,447
South Fork		166	166		284	284		243	243
Misc. Tribs.		18	18		52	52		11	11
Subtotals	944	1,496	2,440	37	2,756	2,793	550	3,907	4,457
Total Spawner Escapement	1,477	2,809	4,286	68	5,386	5,454	1,494	5,850	7,344

RIVER HARVEST

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	0	396	396	0	550	550	0	501	501
Angler	0	17	17	0	0	0	96	0	96
Trinity River Basin									
Hoopa Tribal Harvest	0	346	346	0	228	228	0	255	255
Angler	194	104	298	0	423	423	299	155	454
Total River Harvest	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
Total Run-size Estimates	1,671	3,672	5,343	68	6,587	6,655	1,889	6,761	8,650

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SPAWNER ESCAPEMENT

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	385	8,722	9,107	119	5,131	5,250	225	4,892	5,117
Natural Spawners									
Klamath River Basin									
Salmon River		1,485	1,485		1,244	1,244		1,276	1,276
Misc. Tribs.		2	2		2	2			0
Trinity River Basin									
Above JCW, excluding TRH			0	370	16,283	16,653	543	13,049	13,592
South Fork		579	579		1,097	1,097		655	655
Misc. Tribs.		71	71		73	73		49	49
Subtotals	0	2,137	2,137	370	18,699	19,069	543	15,029	15,572
Total Spawner Escapement	385	10,859	11,244	489	23,830	24,319	768	19,921	20,689

RIVER HARVEST

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	0	2,592	2,592	0	5,905	5,905	0	5,440	5,440
Angler	206	258	464	264	406	670	227	559	786
Trinity River Basin									
Hoopla Tribal Harvest	93	1,175	1,268	6	1,182	1,188	1	1,250	1,251
Angler				0	1,513	1,513	0	1,330	1,330
Total River Harvest	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
Total Run-size Estimates	684	14,884	15,568	759	32,836	33,595	996	28,500	29,496

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SPAWNER ESCAPEMENT

	1998			1999			2000		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	184	4,679	4,863	547	3,671	4,218	571	11,594	12,165
Natural Spawners									
Klamath River Basin									
Salmon River		265	265		436	436		230	230
Misc. Tribs.		2	2		14	14		6	6
Trinity River Basin									
Above JCW, excluding TRH	567	9,057	9,624	440	5,968	6,408	1,264	10,846	12,110
South Fork		172	172		175	175		256	256
Misc. Tribs.		33	33		15	15		17	17
Subtotals	567	9,529	10,096	440	6,608	7,048	1,264	11,355	12,619
Total Spawner Escapement	751	14,208	14,959	987	10,279	11,266	1,835	22,949	24,784

RIVER HARVEST

	1998			1999			2000		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe		2,338	2,338		2,392	2,392		3,207	3,207
Angler	19	393	412	41	604	645	39	122	161
Trinity River Basin									
Hoopla Tribal Harvest	45	426	471	13	776	789	41	1,856	1,897
Angler	51	1,629	1,680	41	626	667	324	1,483	1,807
Total River Harvest	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
Total Run-size Estimates	866	18,994	19,860	1,082	14,677	15,759	2,239	29,617	31,856

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SPAWNER ESCAPEMENT

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	629	6,366	6,995	617	10,440	11,057	130	14,512	14,642
Natural Spawners									
Klamath River Basin									
Salmon River	387	387	387	27	975	1,002	25	1,220	1,245
Misc. Tribs.	1	1	2	2	2	4	0	1	1
Trinity River Basin									
Above JCW, excluding TRH	1,178	10,284	11,462	1,888	23,745	25,633	919	33,301	34,220
South Fork		166	166	0	348	348	12 ^{tr}	148 ^{tr}	160 ^{tr}
Misc. Tribs.		14	14	8	16	24	1	93	94
Subtotals	1,179	10,852	12,031	1,925	25,086	27,011	957	34,763	35,720
Total Spawner Escapement	1,808	17,218	19,026	2,542	35,526	38,068	1,087	49,275	50,362

RIVER HARVEST

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe		14,890	14,890	127	12,139	12,266	93	6,597	6,690
Angler	65	833	898	61	751	812	20	226	246
Trinity River Basin									
Hoopla Tribal Harvest	46	4,164	4,210	40	3,192	3,232	7	2,377	2,384
Angler	258	906	1,164	75	1,796	1,871	0	2,033	2,033
Total River Harvest	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
Total Run-size Estimates	2,177	38,011	40,188	2,845	53,404	56,249	1,207	60,508	61,715

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SPAWNER ESCAPEMENT

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	985	5,251	6,236	34	6,956	6,990	819	2,565	3,384
Natural Spawners									
Klamath River Basin									
Salmon River	101	338	439	12	78	90	83	233	316 ^{j/}
Misc. Tribs.	1	2	3	1	8	9	0	1	1
Trinity River Basin									
Above JCW, excluding TRH	1,390	5,699	7,089	44	7,084	7,128	1,127	2,955	4,082
South Fork	14	45	59	11	61	72 ^{ff/}	8	138	146 ^{ff/}
Misc. Tribs.	12	12	24	2	4	6 ^{hh/}	42	70	112 ^{iv/}
Subtotals	1,518	6,096	7,614	70	7,235	7,305	1,260	3,397	4,657
Total Spawner Escapement	2,503	11,347	13,850	104	14,191	14,295	2,079	5,962	8,041

RIVER HARVEST

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

RUN-SIZE ESTIMATES

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Total Run-size Estimates	2,741	17,324	20,065	130	19,082	19,212	2,328	10,300	12,628

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

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	55	5,981	6,036	329	3,437	3,766	69	3,000	3,069
Natural Spawners									
Klamath River Basin									
Salmon River	80	831	911	367	945	1,312	116	527	643
Misc. Tribs.			0			0			0
Trinity River Basin									
Above JCW, excluding TRH	80	8,154	8,234	1,741	4,470	6,211	191	3,724	3,915
South Fork	4	202	206			0 ¹			118
Misc. Tribs.	4	46	50			0 ¹			95
Subtotals	168	9,233	9,401	2,108	5,415	7,523	307	4,251	4,771
Total Spawner Escapement	223	15,214	15,437	2,437	8,852	11,289	376	7,251	7,840

RIVER HARVEST

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	0	4,494	4,494	9	2,020	2,029	2	1,760	1,762
Angler ^d	25	72	97	174	74	248	11	37	48
Trinity River Basin									
Hoopla Tribal Harvest	6	1,349	1,355	77	1,327	1,404	74	1,764	1,838
Angler ^m	0	565	565	148	158	306	0	442	442
Total River Harvest	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
Total Run-size Estimates	254	21,694	21,948	2,845	12,431	15,276	463	11,254	11,930

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SPAWNER ESCAPEMENT

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	245	2,457	2,702	2,758	3,823	6,581	109	6,712	6,821
Natural Spawners									
Klamath River Basin									
Salmon River	280	1,081	1,361	351	1,242	1,593	187	1,104	1,291
Misc. Tribs.				23	82	105 ^e			0
Trinity River Basin									
Above JCW, excluding TRH	1,512	6,617	8,129	5,217	7,309	12,526	542	16,117	16,659
South Fork	15	108	123	195	242	437	61	773	834
Misc. Tribs.	50	183	233	199	361	560	69	358	427
Subtotals	1,857	7,989	9,846	5,985	9,236	15,221	859	18,352	19,211
Total Spawner Escapement	2,102	10,446	12,548	8,743	13,059	21,802	968	25,064	26,032

RIVER HARVEST

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	6	3,273	3,279	29	2,586	2,615	33	3,589	3,622
Angler	164	557	721 ^g	446	917	1,363 ^o	111	510	621
Trinity River Basin									
Hoopla Tribal Harvest	4	1,740	1,744	108	2,282	2,390	21	2,647	2,668
Angler ^m	0	454	454	112	0	112	163	1,976	2,139
Total River Harvest	174	6,024	6,198	695	5,785	6,480	328	8,722	9,050

RUN-SIZE ESTIMATES

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Total Run-size Estimates	2,276	16,470	18,746	9,438	18,844	28,282	1,296	33,786	35,082

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

SPAWNER ESCAPEMENT									
	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH)	96	2,482	2,578	362	3,255	3,617	240	1,748	1,988
Natural Spawners									
Klamath River Basin									
Salmon River	125	770	895	63	788	851	28	258	286
Misc. Tribs.			0			0			0
Trinity River Basin									
Above JCW, excluding TRH	185	5,956	6,141	282	2,833	3,115	253	2,055	2,308
South Fork	36	295	331	8	83	91	1	19	20
Misc. Tribs./p	57	167	224	27	105	132		26	
Subtotals		7,188	7,591	380	3,809	4,189	282	2,358	2,614
Total Spawner Escapement	96	9,670	10,169	742	7,064	7,806	522	4,106	4,602

RIVER HARVEST									
	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribe	7	3,753	3,760	16	3,145	3,161	0	2,577	2,577
Angler	116	1,011	1,127	120	843	963	65	417	482
Trinity River Basin									
Hoopa Tribal Harvest	19	1,202	1,221	85	1,733	1,818	15	1,087	1,102
Angler	0	243	243	16	210	226	0	139	139
Total River Harvest	142	6,209	6,351	237	5,931	6,168	80	4,220	4,300

RUN-SIZE ESTIMATES									
	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Total Run-size Estimates	238	15,879	16,520	979	12,995	13,974	602	8,326	8,902

(Continued next page)

m/ Above JC weir, numbers derived from tag returns only.

o/ Numbers from the Spring Chinook creel performed by CDFG mid-April until the fall Chinook creel began the first weekend in August.

/p No Canyon Creek or New river dives due to fires. Data from Lower Trinity Ranger district.

Footnotes

1980-2014

- b/ CDFG Trinity Basin Salmon and Steelhead Monitoring Project Annual Reports, 1999 - 2006
- c/ Full habitat dive survey counts 1999-2005 (includes grilse)
- d/ New River, North Fork Trinity, Canyon Creek (all streams not surveyed each year)
- e/ Clear, Indian, and Elk Creeks, plus Wooley in 2011.
- f/ Includes Hayfork Creek
- g/ From spring chinook CWTs recovered in CDFG fall chinook sport angler surveys. Surveys begin about August 6 each year. In 1999 based on creel survey by YTF until beginning of CDFG survey.
- h/ Totaled from Summary 2005.xls
- i/ New River above confluence of East Fork not surveyed due to forest fire
- j/ Due to fire closure on USDA-FS lands these numbers were derived from expansion using a combination of partial surveys and historic numbers.
- k/ Includes Hoopa creel below Willow Creek weir and estimated harvest above Junction City weir
- l/ Due to fire closure on USDA-FS lands these numbers were not obtained (no dives took place).
- m/ Only above JC weir, numbers derived from tag returns only.
- o/ Numbers from the Spring Chinook creel performed by DFG mid-April until the fall Chinook creel began the first weekend in Au