

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

RIVER HARVEST

	1980			1981			1982		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
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 ^{b/}	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	2,397	4,346	364	10,744	11,108	666	9,077	9,743

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SPAWNER ESCAPEMENT

	1983			1984			1985		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	385	930	1,315	76	736	812	508	2,645	3,153
Natural Spawners									
Klamath River Basin									
Salmon River								32	32 ^{c/}
Misc. Tribs. ^{d/}		6	6		16	16		5	5
Trinity River Basin									
Above JCW, excluding TRH ^{b/}				140	1,345	1,485	799	4,897	5,696
South Fork ^{e/}					27	27		300	300
Misc. Tribs. ^{e/}		39	39		25	25		29	29
Subtotals		45	45	140	1,413	1,553	799	5,263	6,062
Total Spawner Escapement	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
Harvest									
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 ^{b/}				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	3,151	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
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	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 ^{c/}		64	64 ^{c/}		98	98 ^{c/}
Misc. Tribs. ^{d/}					2	2 ^{c/}		8	8
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	4,335	13,371	17,706	2,577	29,083	31,660	241	39,329	39,570
South Fork ^{e/}		183	183		153	153		59	59
Misc. Tribs. ^{e/}								273	273
Subtotals	4,335	13,642	17,977	2,577	29,302	31,879	241	39,767	40,008
Total Spawner Escapement	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
Harvest									
Klamath River Basin									
Yurok Tribal Harvest	0	692	692	0	1,646	1,646	0	2,918	2,918
Angler							104	44	148 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	81	2,022	2,022	122	4,146	4,268	84	2,727	2,811
Angler ^{b/}	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	68,099	69,007

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SPAWNER ESCAPEMENT

	1989			1990			1991		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	17	4,983	5,000	104	2,433	2,537	71	614	685
Natural Spawners									
Klamath River Basin									
Salmon River				169	169	^{f/}	187	187	^{f/}
Misc. Tribs. ^{d/}	9	9							
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	435	18,241	18,676	126	2,880	3,006	92	1,268	1,360
South Fork ^{e/}	7	7		82	82		66	66	
Misc. Tribs. ^{e/}	17	17		31	33		5	5	
Subtotals	435	18,274	18,709	128	3,162	3,290	92	1,526	1,618
Total Spawner Escapement	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
Harvest									
Klamath River Basin									
Yurok Tribal Harvest	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									
Hoopa Tribal Harvest	20	1,978	1,998	24	865	889	0	263	263
Angler ^{b/}	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

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

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1980-2017 a/**

SPAWNER ESCAPEMENT

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

RIVER HARVEST

	1992			1993			1994		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribal Harvest	0	396	396	0	550	550	0	501	501
Angler	0	17	17 ^{g/}	0	0	0 ^{g/}	96	0	96 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	0	346	346	0	228	228	0	255	255
Angler ^{b/}	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	3,629	5,359	68	6,582	6,653	1,889	6,710	8,653

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SPAWNER ESCAPEMENT

	1995			1996			1997		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	385	8,722	9,107	119	5,131	5,250	225	4,892	5,117
Natural Spawners									
Klamath River Basin									
Salmon River	211	1,469	1,680 ^{f/}	3	1,334	1,337 ^{f/}	57	1,362	1,419 ^{f/}
Misc. Tribs. ^{d/}		2	2		2	2			
Trinity River Basin									
Above JCW, excluding TRH ^{b/}				370	16,283	16,653	543	13,049	13,592
South Fork ^{e/}	103	447	550		1,049	1,049		630	630
Misc. Tribs. ^{e/}	49	115	164		121	121		66	66
Subtotals	363	2,033	2,396	373	18,789	19,162	600	15,107	15,707
Total Spawner Escapement	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
Harvest									
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 ^{g/}	264	406	670 ^{g/}	227	559	786 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	93	1,175	1,268	6	1,182	1,188	1	1,250	1,251
Angler ^{b/}				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	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
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	184	4,679	4,863	547	3,671	4,218	571	11,594	12,165
Natural Spawners									
Klamath River Basin									
Salmon River		265	265 ^{f/}	56	380	436 ^{f/}	23	221	244 ^{f/}
Misc. Tribs. ^{d/}		2	2		14	14		6	6
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	567	9,057	9,624	440	5,968	6,408	1,264	10,846	12,110
South Fork ^{e/}	1	159	160	16	122	138	23	204	227
Misc. Tribs. ^{e/}	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
Total Spawner Escapement	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
Harvest									
Klamath River Basin									
Yurok Tribal Harvest		2,338	2,338		2,392	2,392		3,207	3,207
Angler	19	393	412 ^{g/}	41	604	645 ^{g/}	39	122	161 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	45	426	471	13	776	789	41	1,856	1,897
Angler ^{b/}	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	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
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	629	6,366	6,995	617	10,440	11,057	130	14,512	14,642
Natural Spawners									
Klamath River Basin									
Salmon River	63	325	388 ^{f/}	27	1,053	1,080 ^{f/}	25	1,327	1,352 ^{f/}
Misc. Tribs. ^{d/}	1	1	2	2	2	4	0	1	1
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	1,178	10,284	11,462	1,888	23,745	25,633	919	33,301	34,220
South Fork ^{e/}	22	131	153	37	291	328	7	183	190
Misc. Tribs. ^{e/}	2	19	21	10	72	82	6	163	169
Subtotals	1,266	10,760	12,026	1,964	25,163	27,127	957	34,975	35,932
Total Spawner Escapement	1,895	17,126	19,021	2,581	35,603	38,184	1,087	49,487	50,574

RIVER HARVEST

	2001			2002			2003		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
Klamath River Basin									
Yurok Tribal Harvest		14,890	14,890	127	12,139	12,266	93	6,597	6,690
Angler	65	833	898 ^{g/}	61	751	812 ^{g/}	20	226	246 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	46	4,164	4,210	40	3,192	3,232	7	2,377	2,384
Angler ^{b/}	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	2,264	37,919	40,183	2,884	53,481	56,365	1,207	60,720	61,927

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SPAWNER ESCAPEMENT

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

RIVER HARVEST

	2004			2005			2006		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Harvest									
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 ^{g/}	9	84	93 ^{g/}	123	35	158 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	62	1,944	2,006	17	1,858	1,875	58	1,632	1,690
Angler ^{b/}	145	421	566	0	691	691	21	0	21 ^{h/}
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	2,739	17,365	20,104	130	19,084	19,214	2,335	10,332	12,667

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SPAWNER ESCAPEMENT

	2007			2008			2009		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	55	5,981	6,036	329	3,437	3,766	69	3,000	3,069
Natural Spawners									
Klamath River Basin									
Salmon River	80	860	940 ^{f/}	367	945	1,312 ^{f/}	156	586	742 ^{f/}
Misc. Tribs. ^{d/}				2	5	7	0	3	3
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	80	8,154	8,234	1,741	4,470	6,211	191	3,724	3,915
South Fork ^{e/}	4	202	206				9	107	116
Misc. Tribs. ^{e/}	4	60	64	5	23	28 ^{i/}	47	46	93
Subtotals	168	9,276	9,444	2,115	5,443	7,558	403	4,466	4,869
Total Spawner Escapement	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
Harvest									
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 ^{g/}	174	74	248 ^{g/}	11	37	48 ^{g/}
Trinity River Basin									
Hoopa Tribal Harvest	6	1,349	1,355	77	1,327	1,404	74	1,764	1,838
Angler ^{b/}	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	21,737	21,991	2,852	12,459	15,311	559	11,469	12,028

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SPAWNER ESCAPEMENT

	2010			2011			2012		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{br}	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 ^{fr}	374	1,362	1,736 ^{fr}	205	1,174	1,379 ^{fr}
Misc. Tribs. ^{dr}	0	3	3	23	82	105	2	0	2
Trinity River Basin									
Above JCW, excluding TRH ^{br}	1,512	6,617	8,129	5,217	7,309	12,526	542	16,117	16,659
South Fork ^{er}	15	105	120	197	240	437	61	773	834
Misc. Tribs. ^{er}	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
Total Spawner Escapement	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
Harvest									
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 ^{gr}	645	942	1,587 ^{mv}	230	545	775 ^y
Trinity River Basin									
Hoopa Tribal Harvest	4	1,740	1,744	108	2,282	2,390	21	2,647	2,668
Angler ^{br}	0	454	454	112	0	112	163	1,976	2,139
Total River Harvest	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
Total Run-size Estimates	2,295	16,479	18,774	9,662	18,987	28,649	1,435	33,897	35,332

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SPAWNER ESCAPEMENT

	2013			2014			2015		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	96	2,482	2,578	362	3,255	3,617	240	1,748	1,988
Natural Spawners									
Klamath River Basin									
Salmon River	126	817	943 ^{f/}	66	790	856 ^{f/}	30	273	303 ^{f/}
Misc. Tribs. ^{d/}	5	13	18	0	21	21	0	7	7
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	185	5,956	6,141	282	2,833	3,115	253	2,055	2,308
South Fork ^{e/}	36	295	331	8	83	91			^{i/}
Misc. Tribs. ^{e/}	58	166	224	27	105	132	0	0	^{i/}
Subtotals	410	7,247	7,657	383	3,832	4,215	283	2,335	2,618
Total Spawner Escapement	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
Harvest									
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 ^{j/}	169	1,107	1,276 ^{j/}	76	457	533 ^{j/}
Trinity River Basin									
Hoopa Tribal Harvest	19	1,202	1,221	85	1,733	1,818	15	1,087	1,102
Angler ^{b/}	0	243	243 ^{k/}	16	210	226	0	139	139
Total River Harvest	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
Total Run-size Estimates	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
Hatchery Spawners									
Trinity River Hatchery (TRH) ^{b/}	277	1,830	2,107	246	1,134	1,380			0
Natural Spawners									
Klamath River Basin									
Salmon River	36	437	473 ^{f/}	33	144	177 ^{f/}			0
Misc. Tribs. ^{d/}	0	0	0	0	2	2			0
Trinity River Basin									
Above JCW, excluding TRH ^{b/}	250	1,331	1,581	486	2,483	2,969			0
South Fork ^{e/}	3	58	61	1	15	16			0
Misc. Tribs. ^{e/}	6	42	48	4	34	38			
Subtotals	295	1,868	2,163	524	2,678	3,202			0
Total Spawner Escapement	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
Harvest									
Klamath River Basin									
Yurok Tribal Harvest	0	1001	1,001	5	884	889			0
Angler	65	467	532 ^{y/}	79	373	452 ^{y/}			0
Trinity River Basin									
Hoopa Tribal Harvest	14	679	693	8	412	420			0
Angler ^{b/}	18	198	216	76	29	105			0
Total River Harvest	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
Total Run-size Estimates	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.

SPAWNER ESCAPEMENT	CONTACT NAME	EMAIL
Hatchery Spawners		
Trinity River Hatchery (TRH)	CDFW - Mary Claire Kier	maryclaire.kier@wildlife.ca.gov
Natural Spawners		
Klamath River Basin		
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
Trinity River Basin		
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
HARVEST		
Klamath River Basin		
Yurok Tribe	Yurok Tribe - Desma Williams	dwilliams@yuroktribe.nsn.us
Recreational (Lower Klamath)	CDFW - Dan Troxel	dan.troxel@wildlife.ca.gov
Trinity River Basin		
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.