

TABLE II-1. Harvest and abundance indices for adult Sacramento River fall Chinook (SRFC) in thousands of fish. (Page 1 of 2)

Year	SRFC Ocean Harvest South of Cape Falcon <sup>a/</sup>				River Harvest	Spawning Escapement			Sacramento Index (SI) <sup>c/</sup>	Exploitation Rate (%) <sup>d/</sup>
	Troll	Sport	Non-Ret <sup>b/</sup>	Total		Natural	Hatchery	Total		
1983	246.6	86.3	0.0	332.9	18.0	91.7	18.6	110.2	461.1	76
1984	266.2	87.0	0.0	353.1	25.9	120.2	38.7	159.0	538.1	70
1985	355.5	158.9	0.0	514.4	39.1	210.1	29.3	239.3	792.8	70
1986	619.0	137.5	0.0	756.4	39.2	218.3	21.8	240.1	1,035.7	77
1987	686.1	173.1	0.0	859.2	31.8	175.2	19.8	195.1	1,086.1	82
1988	1,163.2	188.3	0.0	1,351.5	37.1	200.7	26.8	227.5	1,616.1	86
1989	602.8	157.1	0.0	759.9	24.9	127.6	24.9	152.6	937.3	84
1990	507.3	150.4	0.0	657.8	17.2	83.3	21.7	105.1	780.0	87
1991	300.1	89.6	0.0	389.7	26.0 <sup>e/</sup>	92.8	26.0	118.9	534.6	78
1992	233.3	69.4	0.0	302.8	13.3 <sup>e/</sup>	59.9	21.7	81.5	397.6	79
1993	342.8	115.3	0.0	458.1	27.7 <sup>e/</sup>	112.8	24.6	137.4	623.2	78
1994	303.5	168.8	0.0	472.3	28.9 <sup>e/</sup>	135.0	30.6	165.6	666.7	75
1995	730.7	390.4	0.0	1,121.0	48.2	253.8	41.5	295.3	1,464.6	80
1996	426.8	157.0	0.0	583.8	49.2	269.1	32.5	301.6	934.7	68
1997	579.7	210.3	0.0	790.0	56.3	281.6	63.3	344.8	1,191.1	71
1998	292.3	114.0	0.0	406.3	69.8 <sup>e/</sup>	176.0	69.9	245.9	722.1	66
1999	289.1	76.2	0.0	365.3	68.9 <sup>e/</sup>	357.6	42.2	399.8	834.0	52
2000	421.8	152.8	0.0	574.6	59.5 <sup>e/</sup>	370.0	47.6	417.5	1,051.6	60
2001	284.4	93.4	0.0	377.9	97.4	539.4	57.4	596.8	1,072.0	44
2002	447.7	184.0	0.0	631.7	89.2 <sup>e/</sup>	684.2	85.6	769.9	1,490.8	48
2003	501.6	106.4	0.0	608.0	85.4	414.6	108.4	523.0	1,216.3	57
2004	621.8	212.6	0.0	834.5	46.8	206.2	80.7	286.9	1,168.2	75
2005	367.9	127.0	0.0	494.9	64.6	214.9	181.1	396.0	955.5	59
2006	149.9	107.7	0.0	257.7	44.9	196.5	78.5	275.0	577.6	52
2007	119.9	32.0	0.0	152.0	14.3 <sup>e/</sup>	70.1	21.3	91.4	257.7	65
2008	3.2	0.9	0.0	4.1	0.1 <sup>e/</sup>	47.3	18.0	65.4	69.6	6
2009	0.0	0.2	0.1	0.3	0.0 <sup>e/</sup>	24.9	15.9	40.9	41.1	1
2010	11.2	11.4	0.3	22.8	2.7 <sup>e/</sup>	91.1	33.2	124.3	149.8	17

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Year	SRFC Ocean Harvest South of Cape Falcon <sup>a/</sup>				River Harvest	Spawning Escapement			Sacramento Index (SI) <sup>c/</sup>	Exploitation Rate (%) <sup>d/</sup>
	Troll	Sport	Non-Ret <sup>b/</sup>	Total		Natural	Hatchery	Total		
2011	46.7	22.8	0.0	69.5	18.2 <sup>e/</sup>	77.9	41.5	119.3	207.0	42
2012	183.1	93.4	0.3	276.7	65.8 <sup>e/</sup>	166.2	119.2	285.4	627.9	55
2013	290.7	114.3	0.0	404.9	57.5 <sup>e/</sup>	305.6	101.2	406.8	869.3	53
2014	240.6	62.4	0.0	303.0	35.7 <sup>e/</sup>	168.7	43.8	212.5	551.2	61
2015	100.1	24.5	0.0	124.6	16.9 <sup>e/</sup>	74.5	39.0	113.5	254.9	55
2016	62.9	28.9	0.0	91.8	23.9 <sup>e/</sup>	56.3	33.4	89.7	205.3	56
2017	38.7	31.9	0.0	70.7	22.1 <sup>e/</sup>	17.9	26.5	44.3	137.1	68
2018	53.7	45.0	0.0	98.6	16.3 <sup>e/</sup>	71.7	33.8	105.5	220.4	52
2019	248.6	74.4	0.0	323.0	20.3 <sup>e/</sup>	121.6	42.1	163.8	507.1	68
2020	154.8	44.6	0.0	199.4	14.9 <sup>e/</sup>	100.2	37.9	138.1	352.4	61
2021 <sup>f/</sup>	165.2	41.6	0.0	206.9	10.8 <sup>e/</sup>	73.2	31.3	104.5	322.1	68

a/ Ocean harvest for the period September 1 (t-1) through August 31 (t).

b/ Mortalities estimated from non-retention ocean fisheries (e.g., coho-only fisheries, non-retention GSI sampling). In 2008, there were 37 estimated mortalities as a result of non-retention fisheries that have been rounded to 0 in this table.

c/ The SI is the sum of (1) SRFC ocean fishery harvest south of Cape Falcon between September 1 and August 31, (2) SRFC impacts from non-retention ocean fisheries when they occur, (3) the recreational harvest of SRFC in the Sacramento River Basin, and (4) the SRFC spawner escapement.

d/ Total ocean harvest, non-retention ocean fishery mortalities, and river harvest of SRFC as a percentage of the SI.

e/ Estimates derived from CDFW Sacramento River Basin angler survey. Estimates not marked with a footnote are inferred from escapement data and the mean river harvest rate estimate.

f/ Preliminary.