

Appendix 6. Sex compositions of adult chinook salmon observed during mainstem Trinity River spawner surveys from 1942 through 1991.

Study year	Researcher	Spring-run chinook				Fall-run chinook				Total chinook			
		Males		Females		Males		Females		Males		Females	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1942-1945 a/	Moffett/Smith (1950)									201	35.6	364	64.4
1955 a/	Gibbs (1956)									1,769	49.7	1,789	50.3
1956 a/	Weber (1965)									3,149	46.3	3,657	53.7
1963 a/	LaFaunce (1965)									1,419	41.4	2,008	58.6
1968 a/	Rogers (1970)									1,244	44.5	1,551	55.5
1969 a/	Smith (1975)									1,054	37.0	1,791	63.0
1970 a/	Rogers (1973)									527	48.7	556	51.3
1971 a/	" (1982)									1,704	46.2	1,987	53.8
1972 a/	Miller (1972)									499	38.7	791	61.3
1973 al	" (1973)									404	38.7	641	61.3
1974 a/	" (1974)									706	38.6	1,125	61.4
1976 al	" (1976)									195	30.5	444	69.5
1978 al	" (1978)									420	32.9	855	67.1
1979 a/	" (1979)									89	48.9	93	51.1
1980 a/	" (1980)									43	55.8	34	44.2
1981 a/	" (1981)									66	34.2	127	65.8
1982 al	" (1982)									100	28.4	252	71.6
1984 a/ b/	" (1984)									276	74.2	96	25.8
1985 a/ b/	" (1985)									796	51.6	748	48.4
1987 a/	Stempel(1988)									1,182	26.4	3,299	73.6
1988	Zuspan (1991a)	47	30.7	106	69.3	659	39.3	1,016	60.7	706	38.6	1,122	61.4
1989	Zuspan (1992a)	150	30.1	348	69.9	577	41.8	802	58.2	727	38.7	1,150	61.3
1990	zuspan (1992c)	39	25.7	113	74.3	50	32.9	102	67.1	89	29.3	215	70.7
1991	Current study	23	46.9	26	53.1	132	45.4	159	54.6	155	45.6	185	54.4

a/ Spring-run and fall-run chinook salmon were not reported separately.

b/ Grilse chinook salmon were included in these counts.