

Appendix 4. Sex compositions of adult chinook salmon observed during mainstem Trinity River spawner surveys from 1942 through 1989.

Study year	Reference	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)									2	0	35.4	364	64.4
1955 al	Gibbs (1956)									1,769	49.7		1,789	50.3
1956 a/	Weber (1965)									3,149	46.3		3,657	53.7
1963 al	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 al	Rogers (1973)									527	48.7		556	51.3
1971 a/	" (1982)									1,704	46.2		1,987	53.8
1972 al	Miller (1972)									499	38.7		791	61.3
1973 a/	" (1973)									404	38.7		641	61.3
1974 al	" (1974)									706	38.6		1,125	61.4
1976 al	" (1976)									195	30.5		444	69.5
1978 a/	" (1978)									420	32.9		855	67.1
1979 al	" (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	Current study	150	30.1	348	69.9	577	41.8	802	58.2	727	38.7		1,150	61.3

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

b/ Grilse chinook salmon were included in these counts.