

**Table IX-4
Carmel River Juvenile Steelhead Annual Fall Population Survey¹**

Lineal Population Density at Survey Stations (numbers per foot of stream) ^{2,3}															
	Lower River Sites	Scarlett Narrows	Garland Park	Boronda	DeDamp. Park	Stonepine Resort	Sleepy Hollow	SCR Delta Lower Station	SCR Delta Upper Station	Los Compadres	Cachagua	Overall Annual Average	Average ⁴ 1993-on Comparison		
YEAR	RM 5.8	RM 8.7	RM 10.8	RM 12.7	RM 13.7	RM 15.8	RM 17.5	RM 19.0	RM 19.6	RM 20.7	RM 24.7	(nos./ft)	(nos./mi)	(nos./ft)	(nos./mi)
1990	0	0	0	0	0	0.50	0.27			0.26	0.22	0.14	733	--	--
1991	0	0	ND	0.12	0	0.74	0.39			0.09	0.62	0.25	1,294	--	--
1992	ND	ND	0.67	0.36	ND	0.96	0.30			0.40	0.83	0.59	3,098	--	--
1993	ND	0.62	0.91	0.92	0.82	0.84	0.52			1.22	1.84	0.96	5,075	0.96	5,075
1994	ND	0.44	0.23	0.43	0	0.50	0.29			1.51	0.71	0.51	2,713	0.51	2,713
1995	0.49	0.65	1.01	1.61	ND	1.42	0.69			0.50	1.63	1.00	5,281	1.07	5,666
1996	0.24	1.52	0.82	1.05	2.03	1.22	0.29			0.95	1.92	1.12	5,890	1.23	6,468
1997	0.02	0.22	1.02	1.74	1.15	0.5	0.22			1.15	1.41	0.83	4,359	0.93	4,891
1998	0.19	0.30	0.67	0.34	1.50	0.27	0.60			0.54	2.24	0.74	3,901	0.81	4,264
1999	0.17	0.26	0.50	0.32	0.62	1.67	0.45			0.46	1.35	0.64	3,403	0.70	3,716
2000	0.91	1.03	0.64	1.38	5.66	1.71	1.46			1.41	2.3	1.83	9,680	1.95	10,289
2001	ND	0.48	0.35	0.63	0.68	1.08	0.32			0.47	1.62	0.70	3,716	0.70	3,716
2002	ND	0.68	0.85	1.67	0.83	1.07	0.5	0.33	0.68	1.52	2.73	1.09	5,734	1.09	5,734
2003	1.53	0.82	2.16	1.86	1.45	1.55	1.23	0.58	1.09	1.69	2.16	1.47	7,738	1.46	7,704
2004	0.25 ⁵	0.46	0.78	1.21	0.43	1.24	0.55	0.21	0.41	0.45	0.89	0.63	3,302	0.66	3,501
2005	1.23	0.6	1.34	1.16	0.91	1.62	1.63	0.21	0.85	0.98	2.1	1.15	6,062	1.14	6,019
Station Ave (no./ft)	0.46	0.54	0.80	0.93	1.15	1.06	0.61	0.33	0.76	0.85	1.54	0.85	4499	1.02	5,311
Station Ave (no./mile)	2,414	2,845	4,206	4,884	6,064	5,574	3,204	1,756	4,000	4,488	8,108				
Overall Station Averages:												0.82	4,322		

¹ Surveys completed in October and results based on repetitive 3-pass removal method using an electrofisher.

² RM; indicates miles from rivermouth

³ Data listed as single digit 0; indicates stream was dry at sampling station

⁴ Average 1993-on comparison does not include data for lowest river sites at Meadows Road (1995); Schulte Area (1996), and Red Rock Area (1997- present).

⁵ Result for Lower River Site, 2004, (upper Red Rock) is estimated from one pass of rescues and data from Red Rock and Scarlett pop. surveys the past seven years.