

Carmel River Juvenile Steelhead Annual Population Survey <sup>1</sup>

Lineal Population Density at Survey Stations (numbers per foot of stream) <sup>2,3</sup>													
	Valley Greens Br.	Red Rock (Mid Valley)	Scarlett Narrows	Garland Park	Boronda	DeDamp Park	Stonepine Resort	Sleepy Hollow	SCR Lower Delta	SCR Upper Delta	Los Compadres	Cachagua	Overall Annual Average
YEAR	RM 4.8	RM 7.7	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)
1990					ND		0.50	0.27			0.26	0.22	0.31 1,650
1991					0.12		0.74	0.39			0.09	0.62	0.39 2,070
1992				0.67	0.36		0.96	0.30			0.40	0.83	0.59 3,098
1993			0.62	0.91	0.92	0.82	0.84	0.52			1.22	1.84	0.96 5,075
1994		ND	0.44	0.23	0.43	ND	0.50	0.29			1.51	0.71	0.59 3,100
1995		0.49	0.65	1.01	1.61	ND	1.42	0.69			0.50	1.63	1.00 5,281
1996		0.24	1.52	0.82	1.05	2.03	1.22	0.29			0.95	1.92	1.12 5,890
1997		0.02	0.22	1.02	1.74	1.15	0.50	0.22			1.15	1.41	0.83 4,359
1998		0.19	0.30	0.67	0.34	1.50	0.27	0.60			0.54	2.24	0.74 3,901
1999		0.17	0.26	0.50	0.32	0.62	1.67	0.45			0.46	1.35	0.64 3,403
2000		0.91	1.03	0.64	1.38	5.66	1.71	1.46			1.41	2.30	1.83 9,680
2001		ND	0.48	0.35	0.63	0.68	1.08	0.32			0.47	1.62	0.70 3,716
2002		ND	0.68	0.85	1.67	0.83	1.07	0.50	0.33	0.68	1.52	2.73	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
2004		0.25	0.46	0.78	1.21	0.43	1.24	0.55	0.21	0.41	0.45	0.89	0.63 3,302
2005		1.23	0.60	1.34	1.16	0.91	1.62	1.63	0.21	0.85	0.98	2.10	1.15 6,062
2006		1.13	0.64	0.86	0.87	0.47	0.37	0.95	1.65	0.28	0.82	1.00	0.82 4,339
2007		ND	0.15	0.50	0.77	0.06	0.33	0.16	0.36	0.25	0.49	0.50	0.36 1,885
2008		ND	0.90	2.61	3.64	1.11	1.19	1.38	0.17	0.71	1.13	1.56	1.44 7,603
2009		0.24	ND	0.25	ND	0.27	ND	0.48	ND	ND	ND	0.72	0.39 2,070
2010	0.19	0.06	ND	0.30	0.38	0.17	0.31	0.32	0.26	0.11	0.60	0.78	0.33 1,737
2011	0.11	0.17	ND	0.36	ND	ND	ND	1.07	ND	ND	ND	0.27	0.40 2,091
2012	ND	0.67	0.47	1.01	1.58	0.35	0.59	0.37	1.31	0.74	0.82	0.83	0.79 4,195
2013	ND	ND	0.41	ND	ND	ND	ND	ND	ND	ND	0.40	0.48	0.43 2,270
2014	ND	ND	0.07	0.14	ND	ND	0.18	0.12	ND	0.24	0.30	0.17	0.17 920
<b>Station Ave (#/ft)</b>	<b>0.15</b>	<b>0.52</b>	<b>0.56</b>	<b>0.82</b>	<b>1.10</b>	<b>1.09</b>	<b>0.90</b>	<b>0.61</b>	<b>0.56</b>	<b>0.54</b>	<b>0.79</b>	<b>1.24</b>	
<b>Station Ave (#/mile)</b>	<b>792</b>	<b>2,753</b>	<b>2,980</b>	<b>4,315</b>	<b>5,819</b>	<b>5,749</b>	<b>4,766</b>	<b>3,203</b>	<b>2,980</b>	<b>2,830</b>	<b>4,169</b>	<b>6,522</b>	
<b>Overall Station Averages:</b>													

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

<sup>2</sup> RM; indicates miles from rivermouth

<sup>3</sup> ND indicates stream was dry at sampling station or that site was not sampled that year. Blanks = site not added yet. 2009 - huge storm mid-Oct and river got too high to sample. 2013 - much of river dry.