

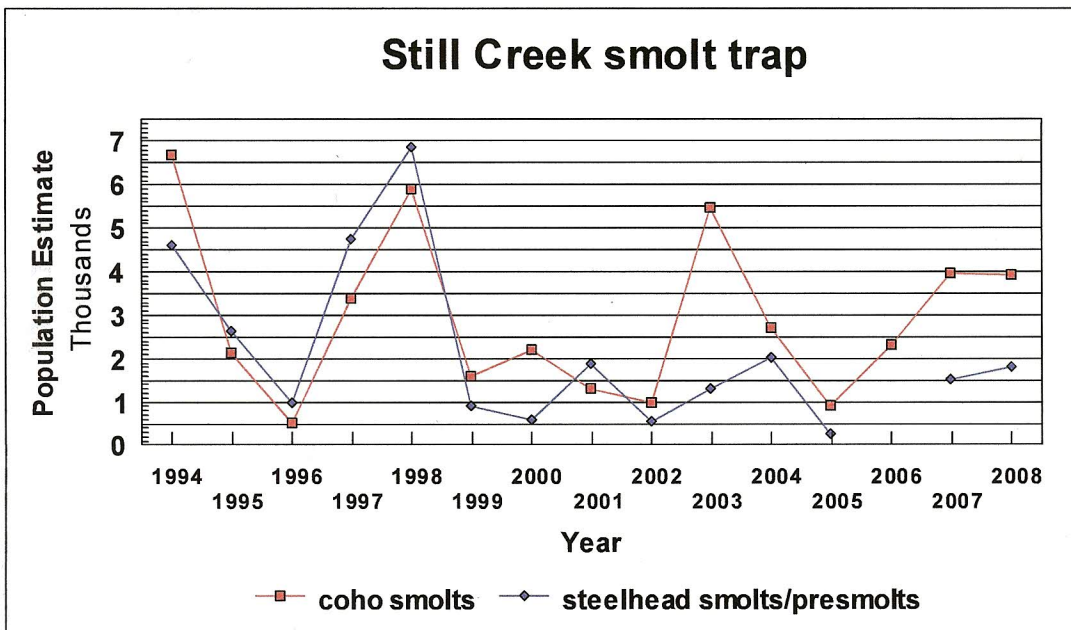
## Still Creek Steelhead

**Table. 2: Steelhead Population Estimates**

Period	Dates	Alitrap est.	Adjusted est.
1	4/17-4/30	No estimate	
2	5/1-5/14	1,281	1822
<b>Totals</b>		<b>1,281</b>	<b>1822</b>

Smolt population estimates derived from the Still Creek trap are presented in *Figure B* below. The majority of steelhead smolts are two years in age and the remainder three years. Outmigrating Coho salmon smolts caught at the traps are primarily one year old.

The smolt population estimates for Still Creek are 3874 Coho salmon and 1822 for steelhead for 2008. The Zigzag Watershed Analysis Revision 2004 estimated the smolt-to-adult survival rates of 3% and 6% for Coho salmon and winter steelhead, respectively. It should be noted these estimates are largely based on literature, as there is no empirical data for the Sandy River Basin. Estimated average adult escapement for Still Creek based on this data is: 115 Coho salmon and 109 steelhead. Correlations of smolt production from the Still Creek trap and adult spawning surveys are inconclusive at this time. There has not been enough consistent adult escapement data collected. The loss of Marmot Dam as a fish enumeration facility will make collecting such data more difficult in the future.



*Figure B: Population estimates for Coho and steelhead for 1994-2008, Still Creek, Upper Sandy River Basin. Source: Zigzag Ranger District, Still Creek smolt trap data.*

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