

LC Preliminary

**ESTIMATED STEELHEAD REDD ABUNDANCE
2011 SPAWNING SEASON**

MONITORING AREA, Population Area	STEELHEAD REDD ABUNDANCE					
	SURVEY EFFORT		TOTAL		WILD	
			95% CONFIDENCE		95% CONFIDENCE	
	NUMBER SURVEYS	MILES	ESTIMATE	INTERVAL	ESTIMATE	INTERVAL
ESU	16	17.4	308	252	308	252
CASCADE	16	17.4	308	252	308	252
Clackamas						
Sandy	15	16.7	308	252	308	252

Estimates derived using GRTS protocol. Estimates of wild spawners derived through application of live and carcass fin-mark observations.