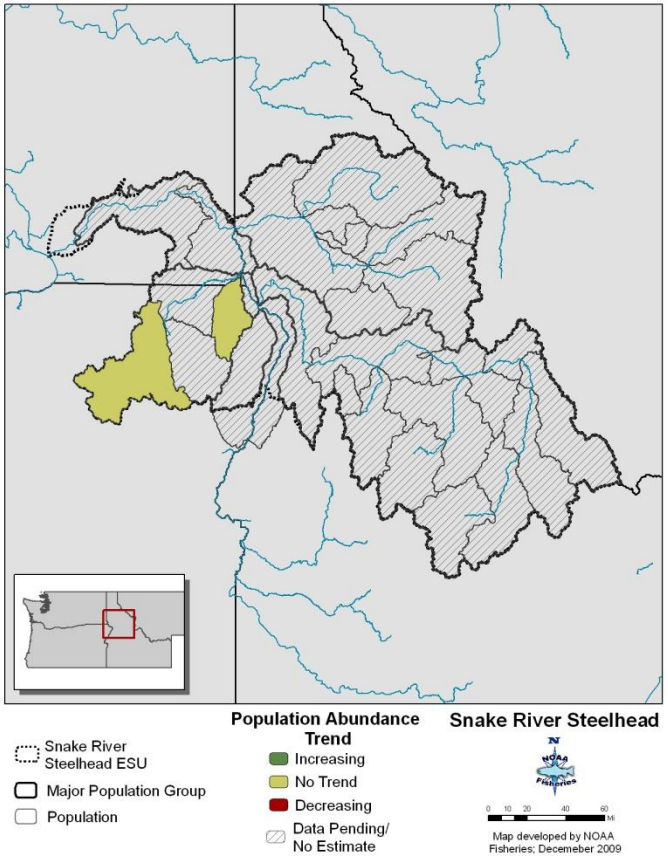
SNAKE RIVER BASIN STEELHEAD: 1997-2006

ESA LISTING STATUS: Threatened 1997

NOAA Fisheries Service
Northwest Fisheries Science Center

MPG	Population	Trend category	Trend (slope of ln natural-origin abundance)	10-year Spawning Abundance 1997-2006 black= natural-origin, line= total	10-year Geometric Mean (Total Spawners)	10-year Geometric Mean (Natural-origin Spawners)
Grande Ronde River	Grande Ronde Upper Mainstem	No trend	-0.05		1434	1226
	Joseph Creek	No trend	0.06	*	2132	2132
	Grande Ronde Lower Mainstem	No estimate Update pending				
	Wallowa River					
Clearwater River	Clearwater River lower mainstem	NE				
	Lochsa River	NE				
	Lolo Creek	NE				
	N. F. Clearwater River	NE				
	Selway River	NE				
	S.F. Clearwater River	NE				
Hells Canyon	Hells Canyon	NE				
Imnaha	Imnaha River	NE				
Lower Snake	Asotin Creek	NE				
	Tucannon River	NE				

NE = No estimate *= No available data for one or more years



This summary sheet contains abundance trend information compiled from state and tribal sources using methodologies developed by the NWFSC Technical Recovery Teams. It is intended for summary information purposes; please see http://www.nwfsc.noaa.gov/ for more detailed information on population and ESU status. Trend was calculated as the slope of the linear regression of log transformed natural origin spawning abundance over the last 10 years of available data. See Good et al. (2005) for details. Trends with a *p*-value < 0.05 were classified as "no trend".

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Salmon River	Big, Camas, and Loon Creek	NE				
	Chamberlain Creek	NE				
	E. Fork Salmon River	NE				
	Lemhi River	NE				
	Little Salmon and Rapid River	NE				
	M. F. Salmon River upper mainstem	NE				
	N. F.Salmon River	NE				
	Pahsimeroi River	NE				
	Panther Creek	NE				
	Salmon River upper mainstem	NE				
	Secesh River	NE				
	S. F. Salmon River	NE				

DPS ABUNDANCE TREND: NO TREND

Trend Category	# of populations
Increasing	0
No trend	2
Decreasing	0
Data pending/ No estimate	24

Spawning abundance estimates were available for only 2 of the 26 populations, with data for 1997-2006. Although there was considerable variability in spawning abundance over the last ten years, the two populations with data available had 'no trend'. A separate analysis of Lower Granite Dam counts of wild steelhead also have no trend therefore the overall ESU has 'no trend'.

Abundance is only 1 of 4 Viable Salmonid Population indicators. The other factors - productivity, diversity, spatial structure - also influence ESU status.