

		Fall Chinook								Habitat		
		adults	location	data source	comments	juv	location	data source	comments	biological condition	chemical water quality	physical habitat
ID	L Salmon R.	redd count										BPA 1991073. ShoBan, Nez Perce habitat monitoring associated with projects. USFS has main responsibility in anadromous zone. No systematic habitat sampling. PACFISH/INFISH watershed health assessment on some USFS/BLM lands.
	SF Salmon R.											
	MF Salmon R.											
	U Salmon R.											
	Lemhi R.											
	Clearwater River					smolt counts	Clearwater River Trap	FPC's website	mortality, descaling, incidental catch, mark recapture			
	Salmon River					smolt counts	Salmon River Trap at Whitebird	FPC's website	mortality, descaling, incidental catch, mark recapture			
WA	Yakima R.	redd count		Streamnet(1983-1992)*, Streamnet(1959-1984)**	*data quality fair for 1982-1992, **sampling by fixed wing aerial						No systematic habitat sampling. SSHIAP and sub-basin assessments to be done once. WDE water sampling index project	
		total live		Streamnet(1983-1991)*, Streamnet(1983-2000)**	*mixed production est. based on peak count or redd expansion, **dam counts for jack or subadult of mixed production	total live fish	Chandler Dam	Streamnet (1983-2000)*	*smolt est. based on dam counts			
	Wenatchee R.					RIS count						
	Entiat R.					RIS count						
	Methow R.					RIS count						
	Snake River					smolt counts	Snake River Trap at Lewiston	FPC's website	mortality, descaling, incidental catch, mark recapture			
	Snake River					smolt counts, passage index	Lower Monumental Dam	FPC's website	mortality, descaling, incidental catch, mark recapture			
	Snake River					smolt counts, passage index	Lower Granite Dam	FPC's website	mortality, descaling, incidental catch, mark recapture			
	Columbia River					smolt counts, passage index	Rock Island Dam	FPC's website	mortality, descaling, incidental catch, mark recapture			
	Columbia River					smolt counts, passage index	McNary Dam	FPC's website	mortality, descaling, incidental catch, mark recapture			
OR	Deschutes R.	redds/mile		Streamnet(1974-1999)*	*actual physical counts as observed by helicopter							

	total live fish		Streamnet(1957-1999)*, Streamnet(1977-1999)**	*actual physical counts, **est. based on peak count or redd expansion					
John Day R.	redds								Scattered habitat surveys in upper basins
Umatilla R.	redds/live count		Subbasin report*	*native pop. gone, stock reintroduced in 1982					
Grande Ronde R.	redds	mainstem	Subbasin report (Bugert et al. 1989-1991; Mendel 1992; Seidel et al. 1987- 1988) 1986-1991, (A.P. Garcia, USFWS, Ahsahka, Idaho; unpublished data) 1992- 2000.						
					smolt counts	Grande Ronde River Trap	FPC's website	mortality, descaling, incidental catch, mark recapture *undefined run type	
Imnaha R.	redds	mainstem	Subbasin report (from Garcia 2000; Mundy and Witty 1998) 1964-1999.						
					smolt counts	Grande Ronde River Trap	FPC's website	mortality, descaling, incidental catch, mark recapture *undefined run type	
Snake River					smolt counts, passage index	Little Goose Dam	FPC's website	mortality, descaling, incidental catch, mark recapture	
Columbia River					smolt counts, passage index	John Day Dam	FPC's website	mortality, descaling, incidental catch, mark recapture	
Columbia River					smolt counts, passage index	Bonneville Dam	FPC's website	mortality, descaling, incidental catch, mark recapture	