



CSS Number of Smolts and Returning Adults by CSS Category Metadata

CSS Reports and Metadata

- This query allows the user to query the estimated number of smolts per study category with associated 90% confidence interval and the number of returning adults per study category for PIT-tagged Snake River wild and hatchery spring/summer Chinook, wild and hatchery steelhead, wild and hatchery fall Chinook, and hatchery sockeye. Fish traverse the hydro system by (1) passing in-river through the Snake River collector dams in a non-bypass channel route (spillways or turbines) (C₀), (2) passing in-river through the dam's bypass channel (C₁), or (3) passing in a truck or barge (T). In this query, data tables and graphs are returned. NOTE: The numbers of smolts are those used in study category SAR estimation and do not necessarily represent their relative proportions in the run at large. The proportions of study categories in the run-at-large are published in the CSS Annual Report (Appendix C)
- Click [here](#) for a detailed discussion of this data found in the most recent CSS Annual Report.

CSS Number of Smolts and Returning Adults by Study Category Fieldnames and Descriptions

Table Fieldname	Description
cssgroup	CSS Group (see the following table). This is where PIT tagged fish were released and/or tagged.
species	Species of fish include: CH - Chinook; SK - Sockeye or ST for steelhead.
rearcode	Rear code includes H for hatchery or W for wild.
racecode	Race code includes SP for Spring, SU for Summer, FA for Fall, and SPSU for Spring/Summer.
migryear	Migration year is the year the smolt out-migrated to the ocean.
TotSmoltPop_LGR	Estimated total smolt population at LGR. All smolts at LGR (C ₀ , C ₁ , Transportation, and additional smolts). Calculation -> The number released above LGR multiplied by the survival rate to LGR.
TotSmoltPop_cill	Lower limit of 90% CI of est. LGR smolt population. Bootstrapped 90% CI for parameter.
TotSmoltPop_ciul	Upper limit of 90% CI of est. LGR smolt population. Bootstrapped 90% CI for parameter.
TSmoltPop_LGR	Estimated smolt population in the Transportation study category. Transportation smolts in LGR equivalents.
TSmoltPop_cill	Lower limit of 90% CI of transportation study category. Bootstrapped 90% CI for parameter.

TSmoltPop_ciul	Upper limit of 90% CI of transportation study category. Bootstrapped 90% CI for parameter.
C0SmoltPop_LGR	Estimated smolt population in the C0 study category. Estimated C0 smolts at LGR.
C0SmoltPop_cill	Lower limit of 90% CI of C0 study category. Bootstrapped 90% CI for parameter.
C0SmoltPop_ciul	Upper limit of 90% CI of C0 study category. Bootstrapped 90% CI for parameter.
C1SmoltPop_LGR	Estimated smolt population in the C1 study category. C1 smolts in LGR equivalents.
C1SmoltPop_cill	Lower limit of 90% CI of C1 study category. Bootstrapped 90% CI for parameter.
C1SmoltPop_ciul	Upper limit of 90% CI of C1 study category. Bootstrapped 90% CI for parameter.
TAdultPop_LGR	Detected adults at Lower Granite (LGR) in Transportation study category. Count of adults at LGR with Transportation juvenile history.
C0AdultPop_LGR	LGR detected adults in C0 study category. Count of adults at LGR with C0 juvenile history.
C1AdultPop_LGR	LGR detected adults in C1 study category. Count of adults at LGR with C1 juvenile history.
Footnote	Important comments or footnotes.

CSS Groups

Species	CSS Group Abbreviation	Description
CH, CHH, SPCHH	CATH	Catherine Creek Hatchery Spring Chinook (2001-2016)
CH, CHH, SPCHH	CLWH_SP	Clearwater Hatchery Spring Chinook (2006-2016)
CH, CHH, SUCHH	CLWH_SU	Clearwater Hatchery Summer Chinook (2011-2016)
CH, CHH, FACHH	SNK_Surr	Dworshak Hatchery Fall Chinook at Snake River (Surrogates) (2006-2011)
CH, CHH, SPCHH	DWOR	Dworshak Hatchery Spring Chinook (1997-2016)
CH, CHH, FACHH	GRNRND_Prod	Grande Ronde River Hatchery Fall Chinook (2006-2012)
CH, CHH, SUCHH	IMNA	Imnaha Hatchery Summer Chinook (1997-2016)
CH, CHH, SPCHH	KOOS	Kooskia Hatchery Spring Chinook (2014-2016)
CH, CHH, FACHH	BCCAP_Prod	Lyons Ferry Hatchery Fall Chinook at Big Canyon Creek AP (2006-2012)
CH, CHH, FACHH	CJRAP	Lyons Ferry Hatchery Fall Chinook at Captain John Rapids AP (2006-2015)
CH, CHH, FACHH	PLAP	Lyons Ferry Hatchery Fall Chinook at Pittsburg Landing AP (2006-2015)
CH, CHH, FACHH	SNK_Prod	Lyons Ferry Hatchery Fall Chinook at Snake River (2006-2012)

CH, CHH, SUCHH	MCCA	McCall Hatchery Summer Chinook (1997-2016)
CH, CHH, FACHH	CEFLAF	Nez Perce Hatchery Fall Chinook at Cedar Flats AP (2010-2012)
CH, CHH, FACHH	LUGUAF	Nez Perce Hatchery Fall Chinook at Lukes Gulch AP (2010-2012)
CH, CHH, FACHH	HCD_OXB	Oxbow Hatchery Fall Chinook below Hells Canyon Dam (2006-2012)
CH, CHH, SUCHH	PAHH	Pahsimeroi Hatchery Summer Chinook (2008-2016)
CH, CHH, SPCHH	RAPH	Rapid River Hatchery Spring Chinook (1997-2016)
CH, CHH, SPCHH	SAWT	Sawtooth Hatchery Spring Chinook (2007-2016)
CH, CHW, FACHW	SNK_Wild	Snake River Wild Fall Chinook (2006-2012)
CH, CHW, SPSUCHW	AGCW	Snake River Wild Spring_Summer Chinook (1994-2016)
CH, CHH, FACHH	HCD_UMAT_IRR	Umatilla_Irrigon Hatchery Fall Chinook below Hells Canyon Dam (2006-2012)
SK, SKH	OXBH	Oxbow Hatchery Sockeye (2009-2012)
SK, SKH	SAWS	Sawtooth Hatchery Sockeye (2009-2015)
SK, SKH	SPRF	Springfield Hatchery Sockeye (2015-2016)
ST, STH	CLWB	Clearwater River Hatchery Steelhead B-Run (2008-2015)
ST, STH	GRNA	Grande Ronde River Hatchery Steelhead A-Run (2008-2015)
ST, STH	HCDA	Hells Canyon Hatchery Steelhead A-Run (2009-2015)
ST, STH	IMAA	Imnaha River Hatchery Steelhead A-Run (2008-2015)
ST, STH	SALA	Salmon River Hatchery Steelhead A-Run (2008-2015)
ST, STH	SALB	Salmon River Hatchery Steelhead B-Run (2008-2015)
ST, STH	AGGA	Snake River Hatchery Steelhead (all A-Run combined) (2008-2015)
ST, STH	AGGB	Snake River Hatchery Steelhead (all B-Run combined) (2008-2015)
ST, STH	AGGR	Snake River Hatchery Steelhead (all groups combined) (1997-2015)
ST, STW	AGWS	Snake River Wild Steelhead Aggregate (1997-2015)