



CSS Returning Adult Age Composition Graph Metadata

CSS Reports and Metadata

- This page allows the user to query for the age compositions of returning Chinook, steelhead or sockeye adults used in the CSS Annual reports by choosing a species, source location, and year data. Data tables and graphs are returned.
- Click [here](#) for a detailed discussion of this data found in the most recent CSS Annual Report.

Returning Adult Age Composition Fieldnames and Descriptions

Table Fieldname	Description
SourceSite	Source site (see the following table). This is where PIT tagged fish were released and/or tagged.
Species	Species of fish include: CH - Chinook; FCH - Fall Chinook; SK - Sockeye or ST for steelhead.
RearCode	Rear code includes H for hatchery or W for wild.
MigrYear (my)	Migration year is the year the smolt out-migrated to the ocean.
Jack1salt (returned in my+1)	Jack salmon or steelhead that have spent one year of their lives in the ocean.
Ad1salt (returned in my+1)	Adult returning Chinook salmon, sockeye or steelhead that have spent one year of their life in the ocean. 1-salt Chinook are referred to as jacks and consist mostly of precocious males that matured earlier than other fish in their cohort.
Ad2salt (returned in my+2)	Salmon or steelhead that have spent two years of their lives in the ocean.
Ad3salt (returned in my+3)	Percent of the number of returning adults that have spent three years of their lives in the ocean.
Per1salt	Percent of the number of returning adults that have spent one year of their lives in the ocean.
Per2salt	Percent of the number of returning adults that have spent two years of their lives in the ocean.
Per3salt	Percent of the number of returning adults that have spent three years of their lives in the ocean.
DectSite	Location where returning adults were detected. Lower Granite Dam (LGR) for upriver populations and Bonneville Dam (BON) for downriver populations.
Ad4salt (returned in my+4)	Salmon or steelhead that have spent four years of their lives in the ocean.
Per4salt	Percent of the number of returning adults that have spent four years of their lives in the ocean.
Footnote	Important comments or footnotes.

Returning Adult Age Composition Source Sites

Source Site Abbreviation	Description
CARS	Carson National Hatchery
CATH	Catherine Creek Acclimation Pond
CLEE	Cle Elum Hatchery
CLW-B	B-run hatchery steelhead released into the Clearwater Basin
CLWH_SP	Clearwater Hatchery Spring Hatchery Chinook run
CLWH_SU	Clearwater Hatchery Summer Hatchery Chinook run
DESCHUTES	Deschutes River Basin
DWOR	Dworshak National Hatchery
ENT-MET	Aggregate of wild fish marked in the Entiat and Methow Basins
GRN-A	A-run hatchery steelhead release into the Grande Ronde Basin
HANFORD	Hanford Reach
HCD	Hells Canyon Dam
IMNA	Imnaha Acclimation Pond
IMN-A	A-run hatchery steelhead released into the Imnaha Basin
IRRIGON	Irrigon Hatchery
JDAR	John Day River
LEAV	Leavenworth National Hatchery
LGR	Lower Granite Dam
LITTLEWHITESALMON	Little White Salmon National Hatchery
LYONSFERRY	Lyons Ferry Hatchery
MCCA	McCalls Hatchery
NEZPERCE	Nez Perce Hatchery
OKAN	Okanagan Hatchery
OXBH	Oxbow Hatchery
OXBOW	Oxbow River Basin
PAHH	Pahsimeroi Hatchery
PITtag	Snake River above Lower Granite Dam
RAPH	Rapid River Hatchery
RIS	Rock Island Dam
ROSA	Rosa Dam
SAL-A	A-run hatchery steelhead released into the Salmon Basin
SAL-B	B-run hatchery steelhead released into the Salmon Basin
SAWT	Sawtooth Hatchery
SPRINGCREEK	Spring Creek National Hatchery
TROUT2C	Trout Creek (trib to Deschute River OR)
UMATILLA	Umatilla River Basin
WEN	Aggregate of wild or hatchery fish marked in the Wenatchee Basin
WEN-ENT-MET	Aggregate of wild fish marked in the Wenatchee, Entiat and

	Methow Basins
WSPH	Warm Springs Hatchery
YAKIMR	Yakima River Basin

 **Notes:**

- The data for returning PIT-tagged wild Chinook jacks and adults detected at LGR (source site NA) for out-migration year 2011 is incomplete until 3-salt returns occur at LGR.
- The data for returning PIT-tagged hatchery Chinook jacks and adults detected at LGR from source sites MCCA, IMNA, RAPH, DWOR, SAWT, PAHH, CLWH and CATH for out-migration year 2011 is incomplete until 3-salt returns occur at LGR, and includes 2-salts through Sept. 15, 2013.
- 1-salt adult returns (my+1) of Chinook are typically precocious males and referred to as "jacks".
- Although returning adults were detected at LGR, they were aged based on when they likely entered the hydrosystem. In particular for steelhead, adult detections at Bonneville aid in assigning age or "salt". For cases without adult Bonneville detection, adult summer steelhead passing Lower Granite Dam during the spring are assumed to have passed Bonneville during the preceding calendar year.