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March 9, 2022

MEMORANDUM

TO: Council Members

FROM: Mark Fritsch

SUBJECT: Briefing on Columbia River Basin salmon and steelhead returns for 2021 and forecasts for 2022

BACKGROUND:

Presenter: Tim Sippel (U.S. v Oregon Technical Advisory Committee (TAC) member) and Charlene Hurst (Columbia River Management Unit Lead Fish Program) of the Washington Department of Fish and Wildlife, John Powell (ESA Program Coordinator) of the Idaho Department of Fish and Game, and Art Martin (Columbia River Coordination Section Manager) of the Oregon Department of Fish and Wildlife.

Summary: The Council will be briefed on the latest information on adult Chinook, coho, sockeye, and chum salmon and steelhead run forecasts for the Columbia River, and expectations for the 2022 fisheries. The presentation will also include a retrospective review of the 2021 adult salmon and steelhead returns and fisheries.

For the Snake River Basin information will be provided on the recent returns of salmon and steelhead along with the forecasted returns for 2022, focusing on the species/run groupings of spring, summer and fall Chinook salmon; summer steelhead; and sockeye salmon. Numbers of fish passing Lower Granite Dam comprise the aggregate count of adult salmon and steelhead destined for eastern Oregon's Grande Ronde and Imnaha river drainages and Idaho's Clearwater and Salmon River drainages.

Relevance: This information is relevant to the Council's high-level indicators, the Council's Fish and Wildlife Program objectives and the strategy performance indicators. It gives the region a preview for what is expected for adult returns in the current year.

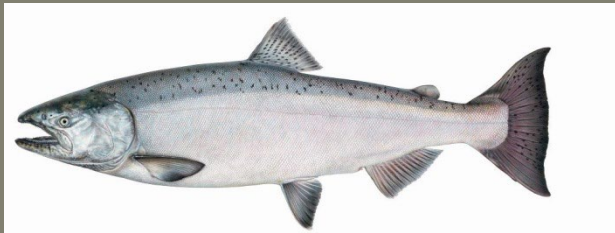
Workplan: Fish and Wildlife Division work plan 2022; Program planning & policy; Data and information management.

More Info:

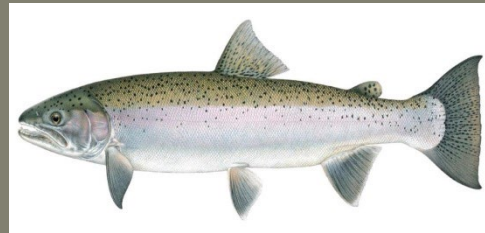
- [Joint State Staff Reports](#) - Columbia River joint state staff (Oregon and Washington) and tribal co-managers' postseason reports for salmon, steelhead, sturgeon, shad, and smelt for commercial, recreational and tribal fisheries.
- Columbia River DART: <http://www.cbr.washington.edu/dart>

SNAKE RIVER SALMON AND STEELHEAD RETURNS

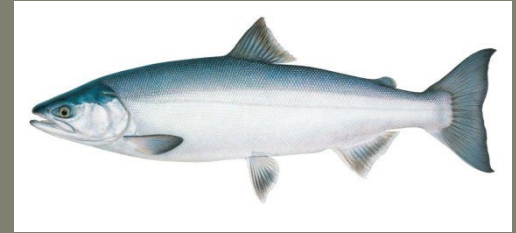
Natural-origin and Hatchery-origin



Spring/Summer Chinook
Fall Chinook



Summer Steelhead



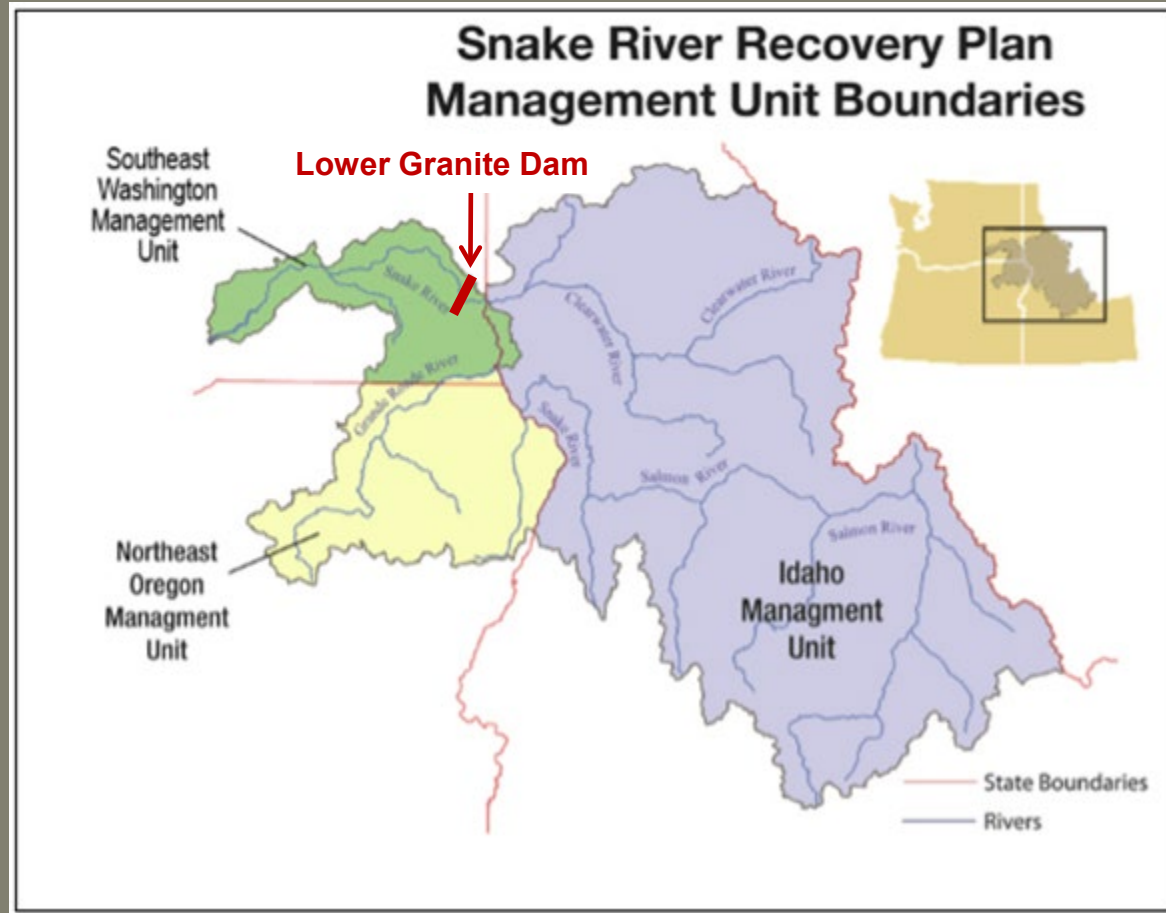
Sockeye

NPCC – March 2022

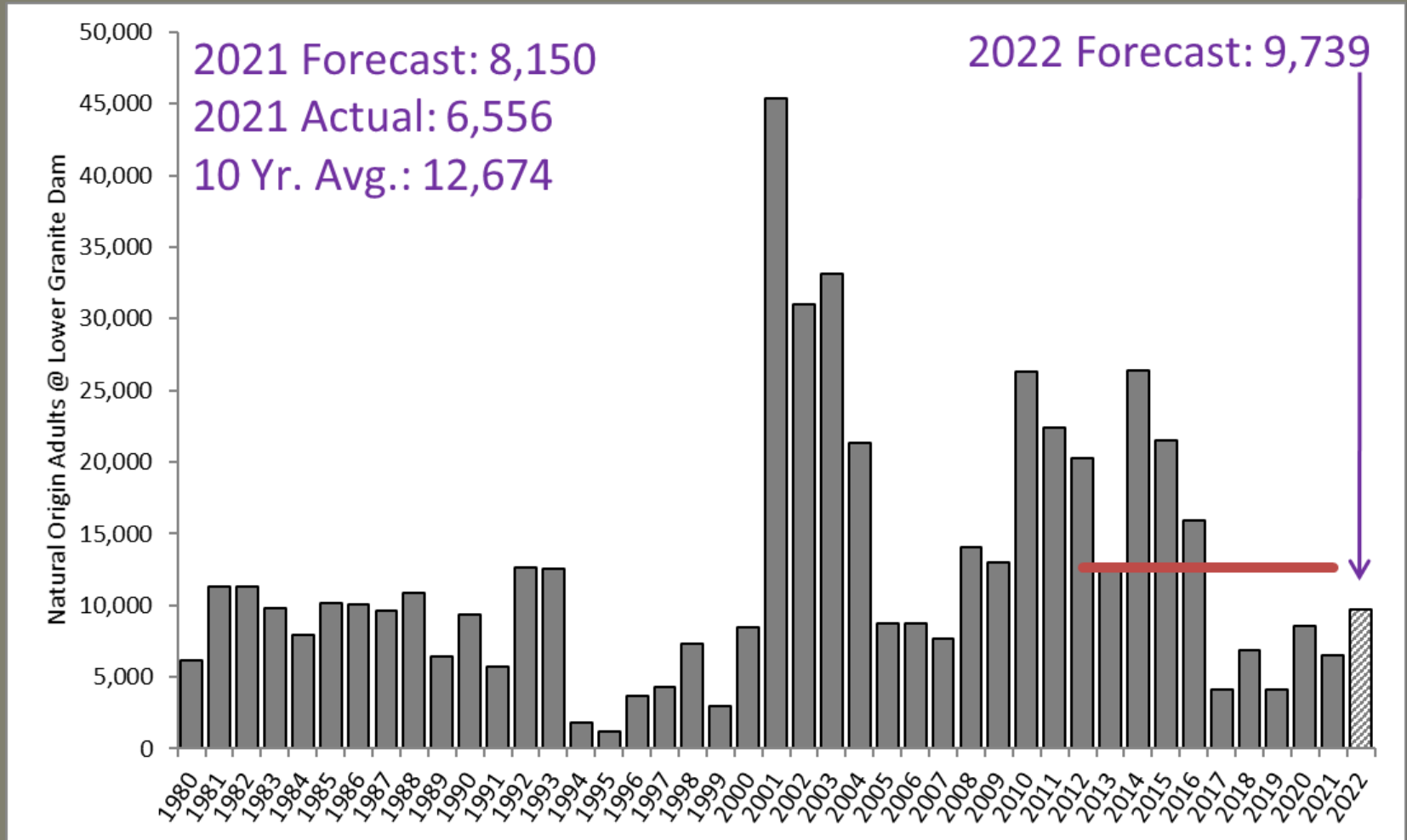
Presented by: Idaho Department of Fish and Game



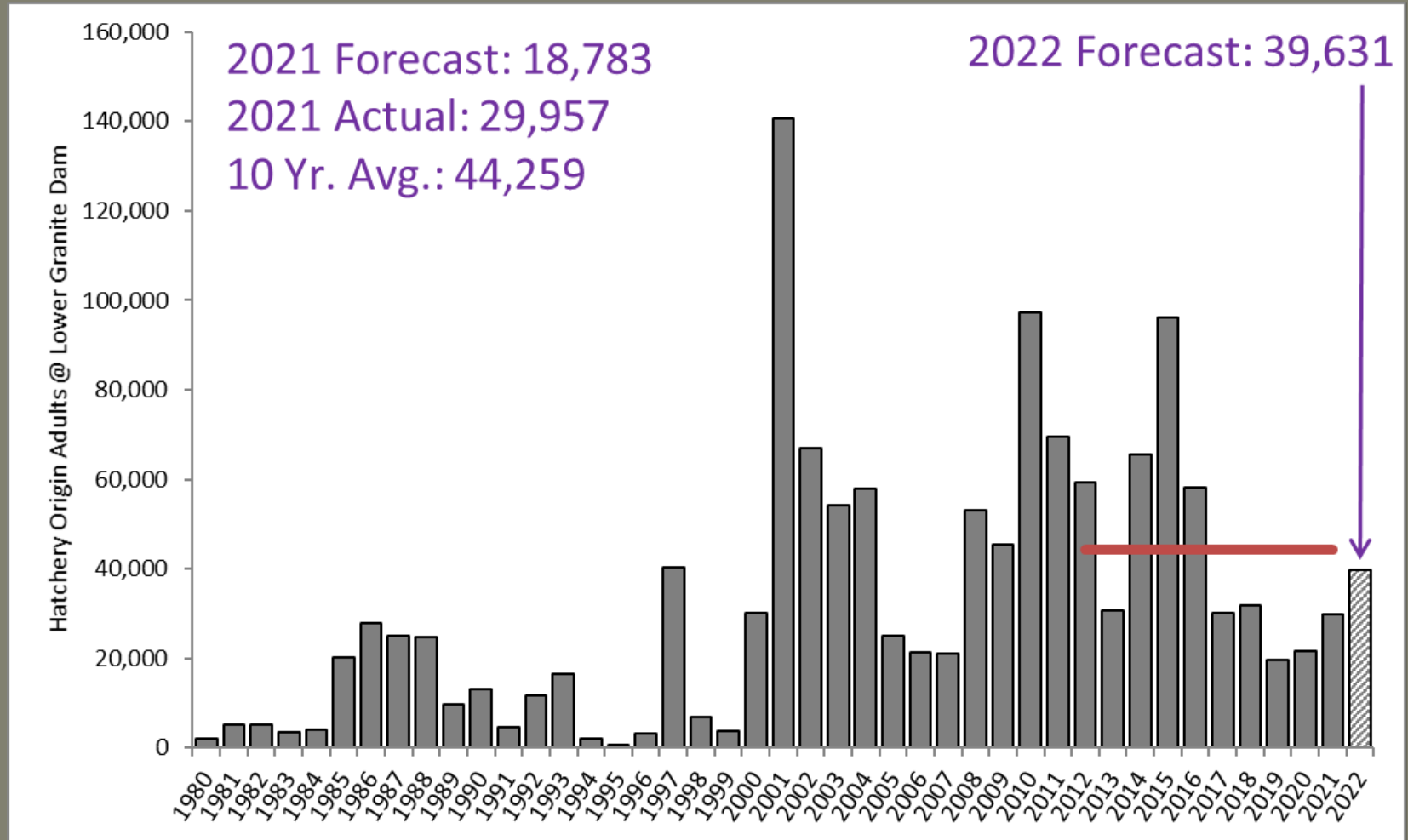
SNAKE RIVER SALMON AND STEELHEAD RETURNS



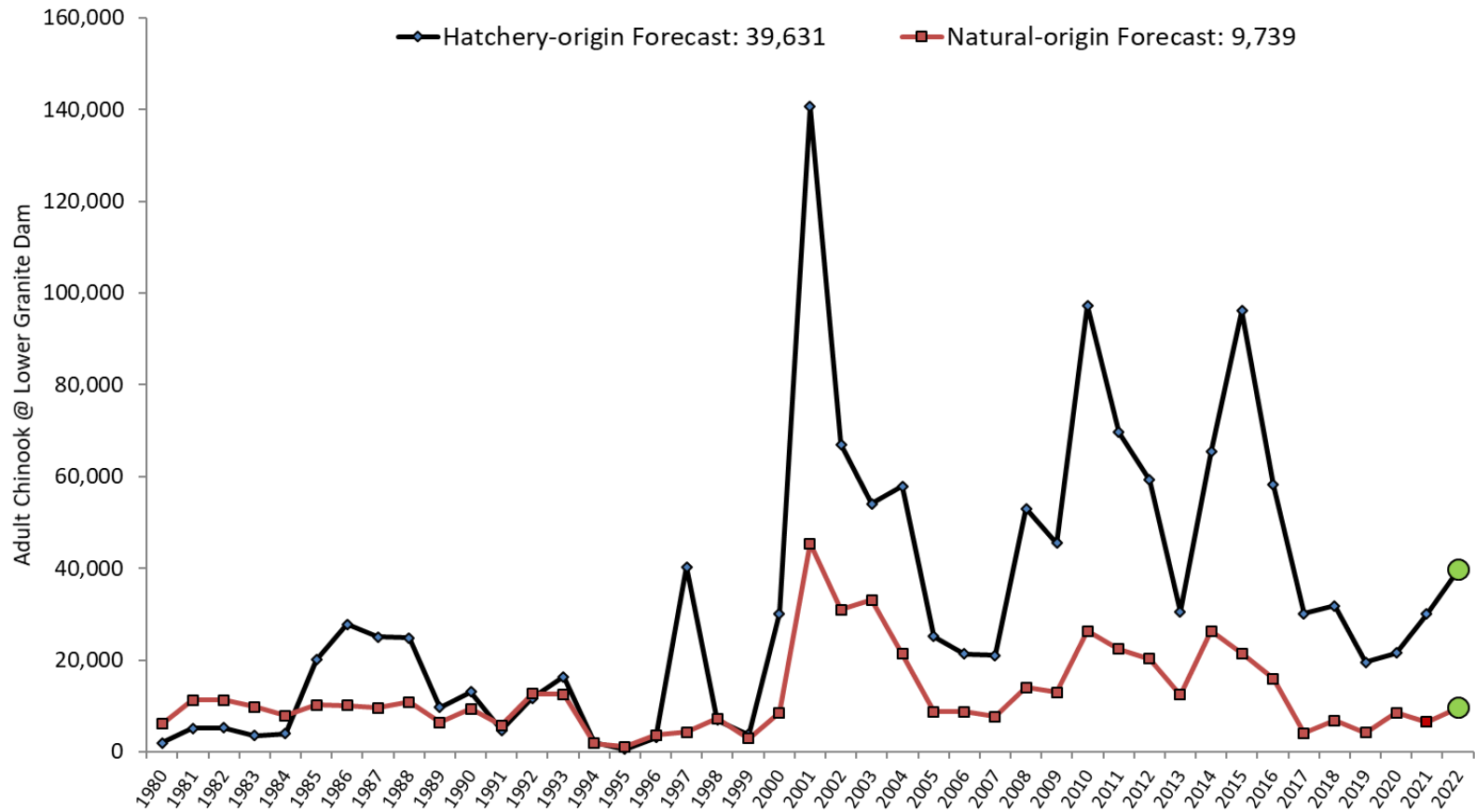
NATURAL-ORIGIN SPRING/SUMMER CHINOOK



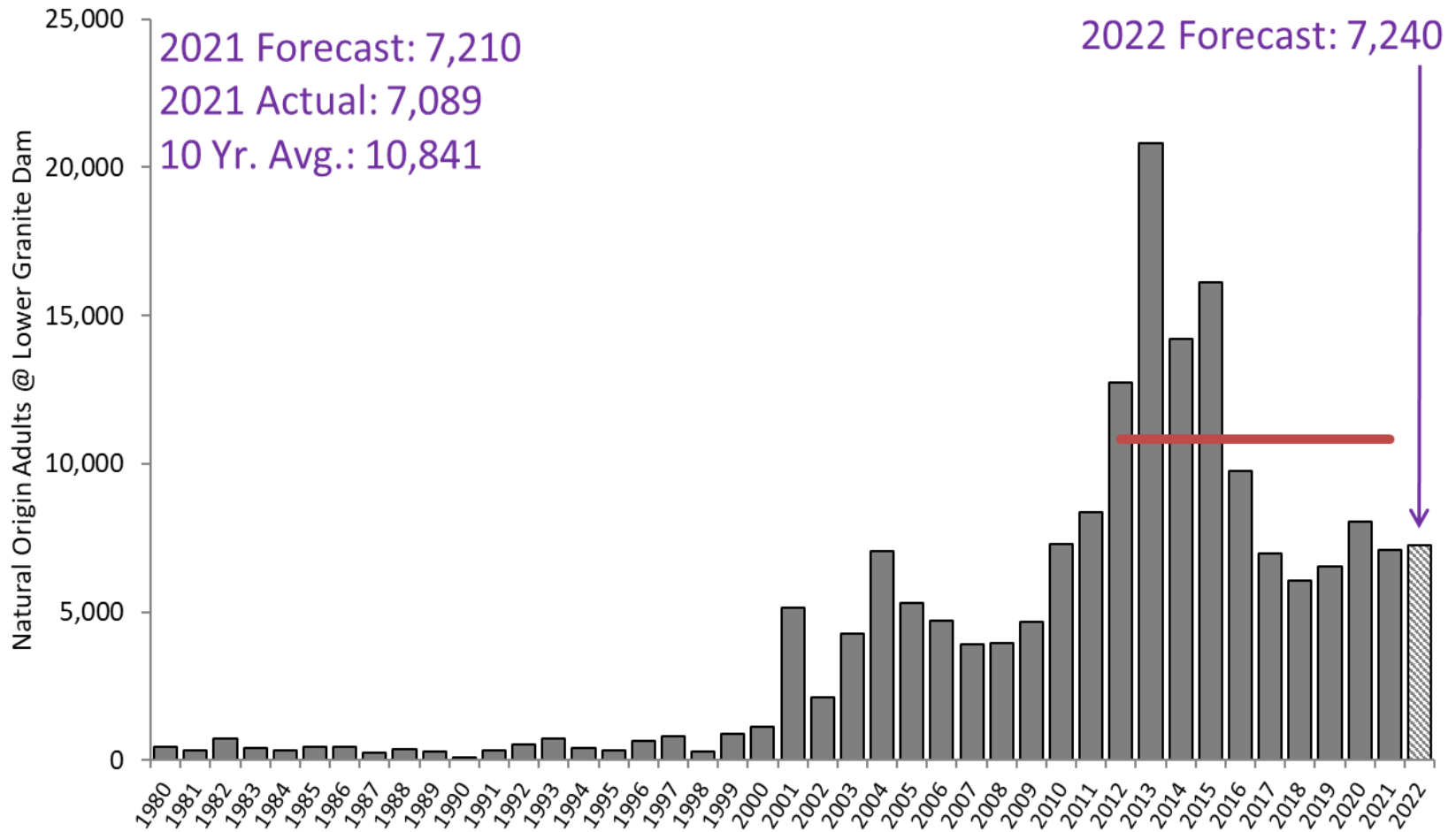
HATCHERY-ORIGIN SPRING/SUMMER CHINOOK



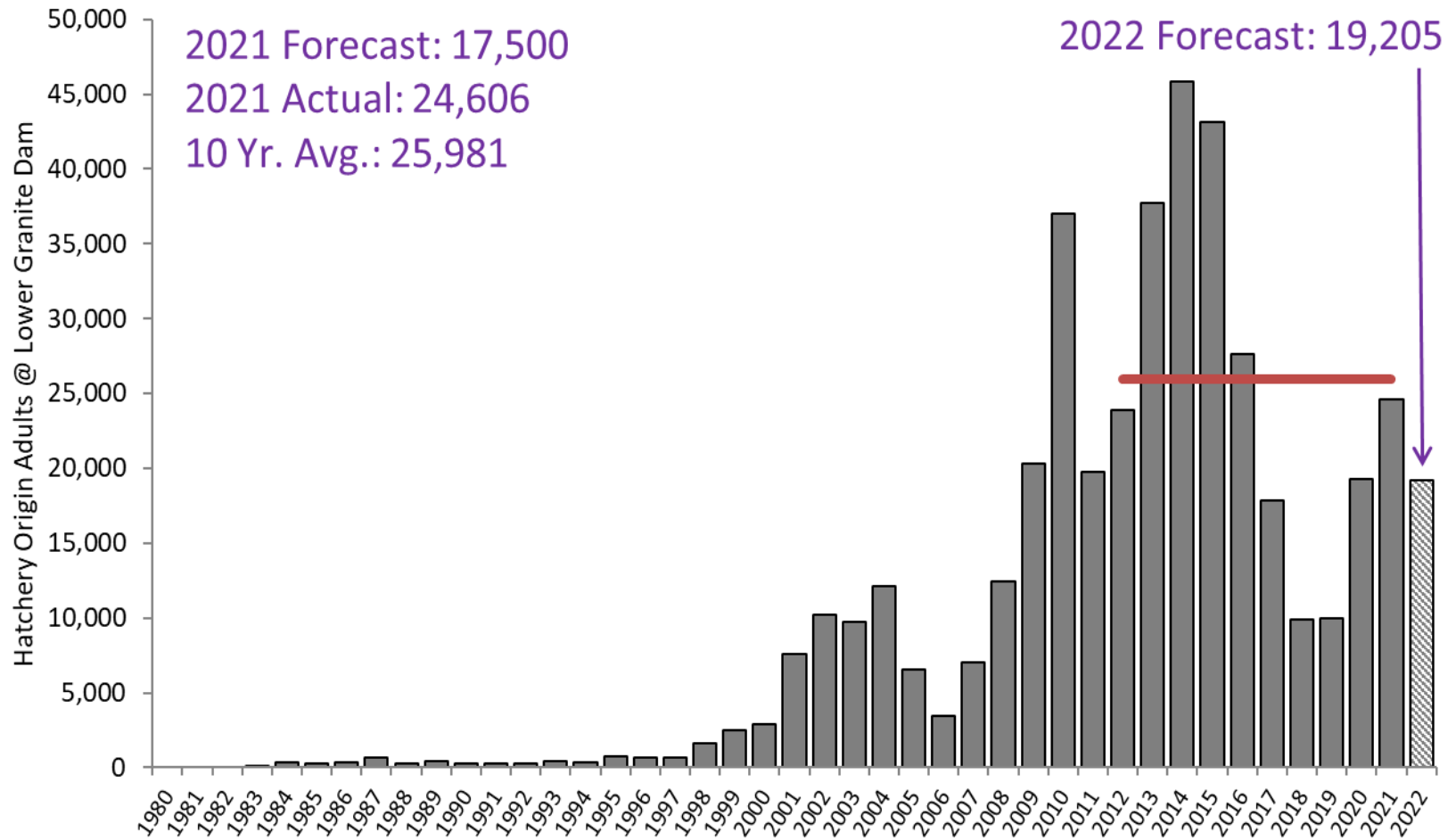
COMBINED NATURAL- AND HATCHERY-ORIGIN SPRING/SUMMER CHINOOK



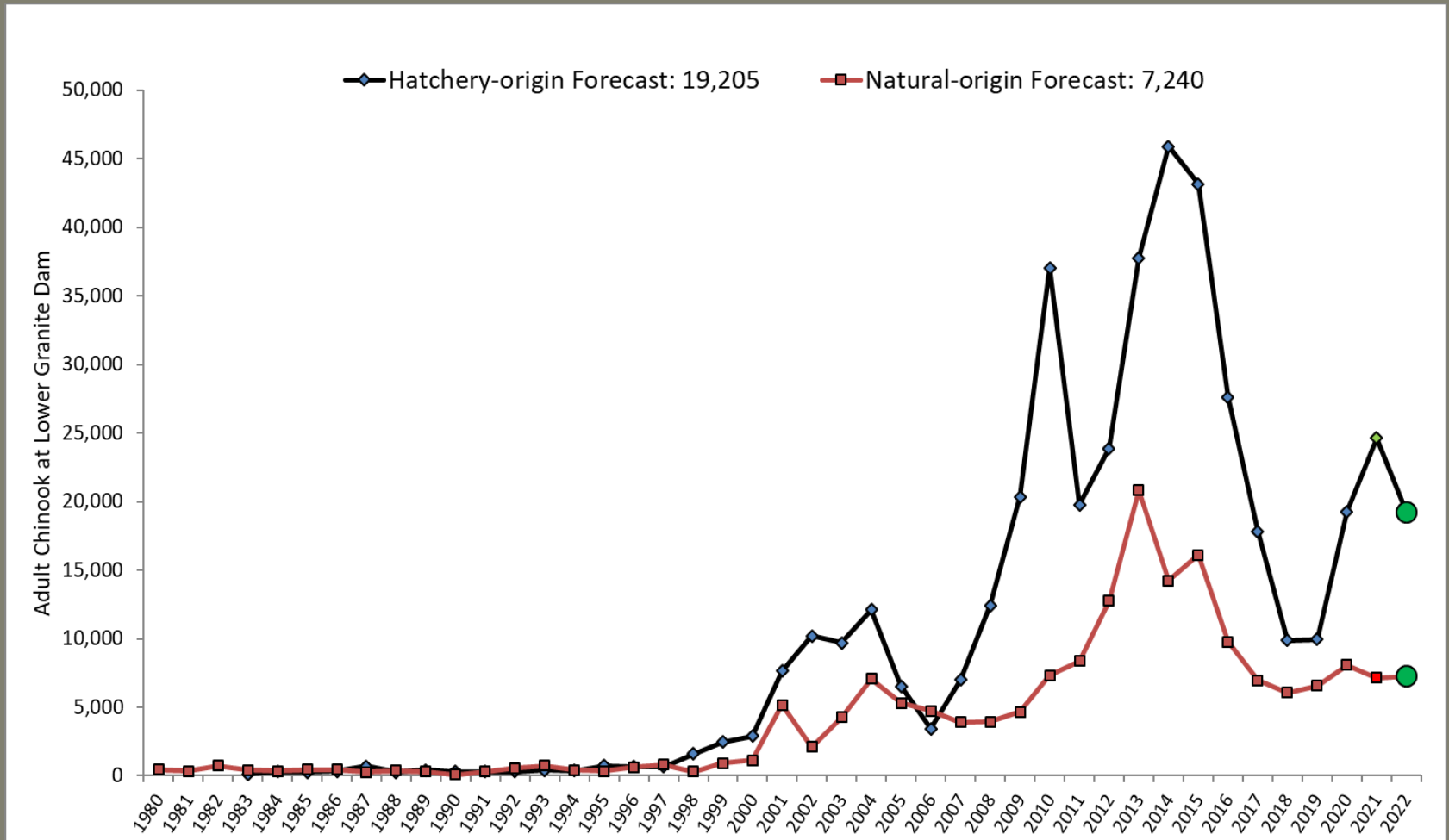
NATURAL-ORIGIN FALL CHINOOK



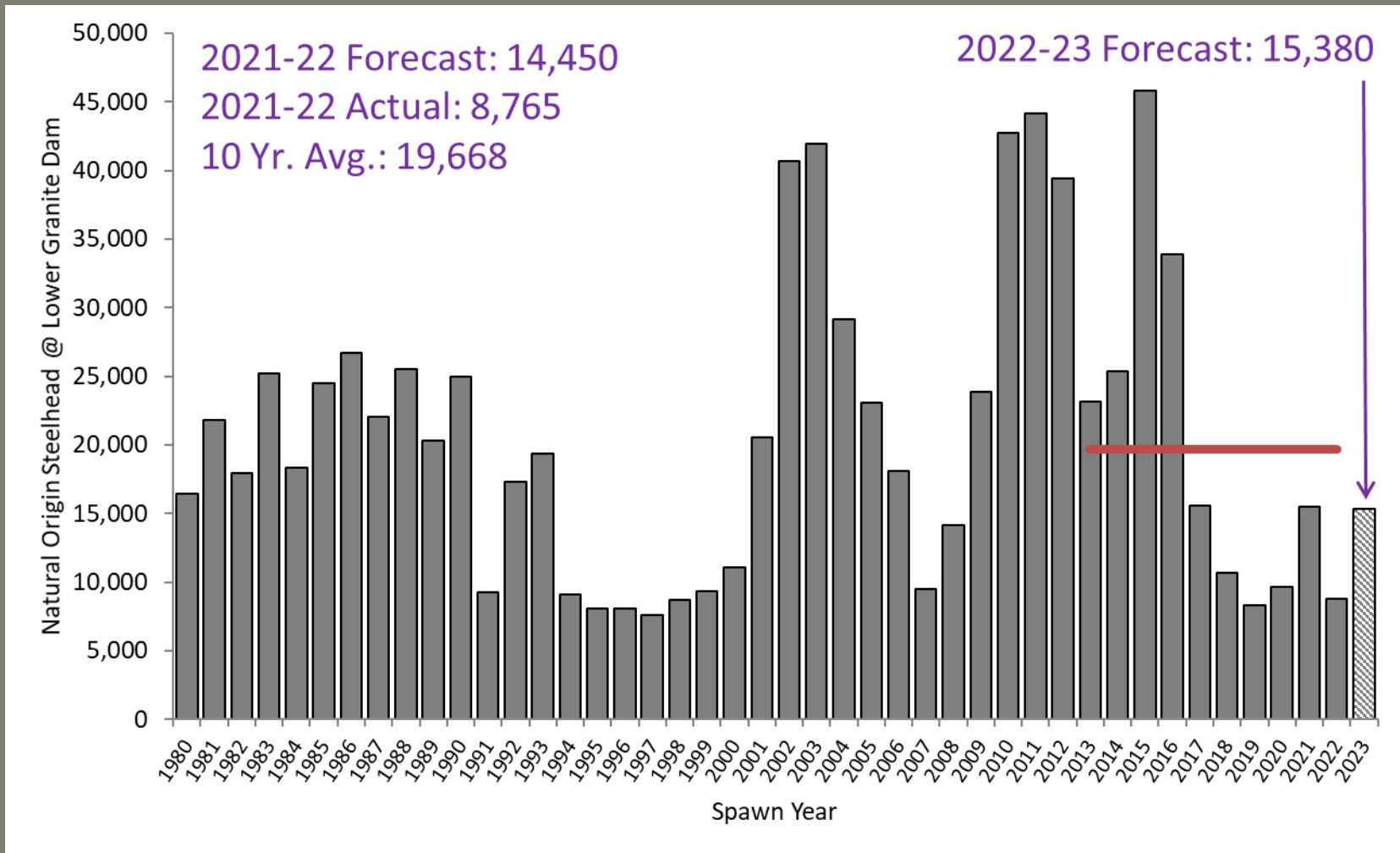
HATCHERY-ORIGIN FALL CHINOOK



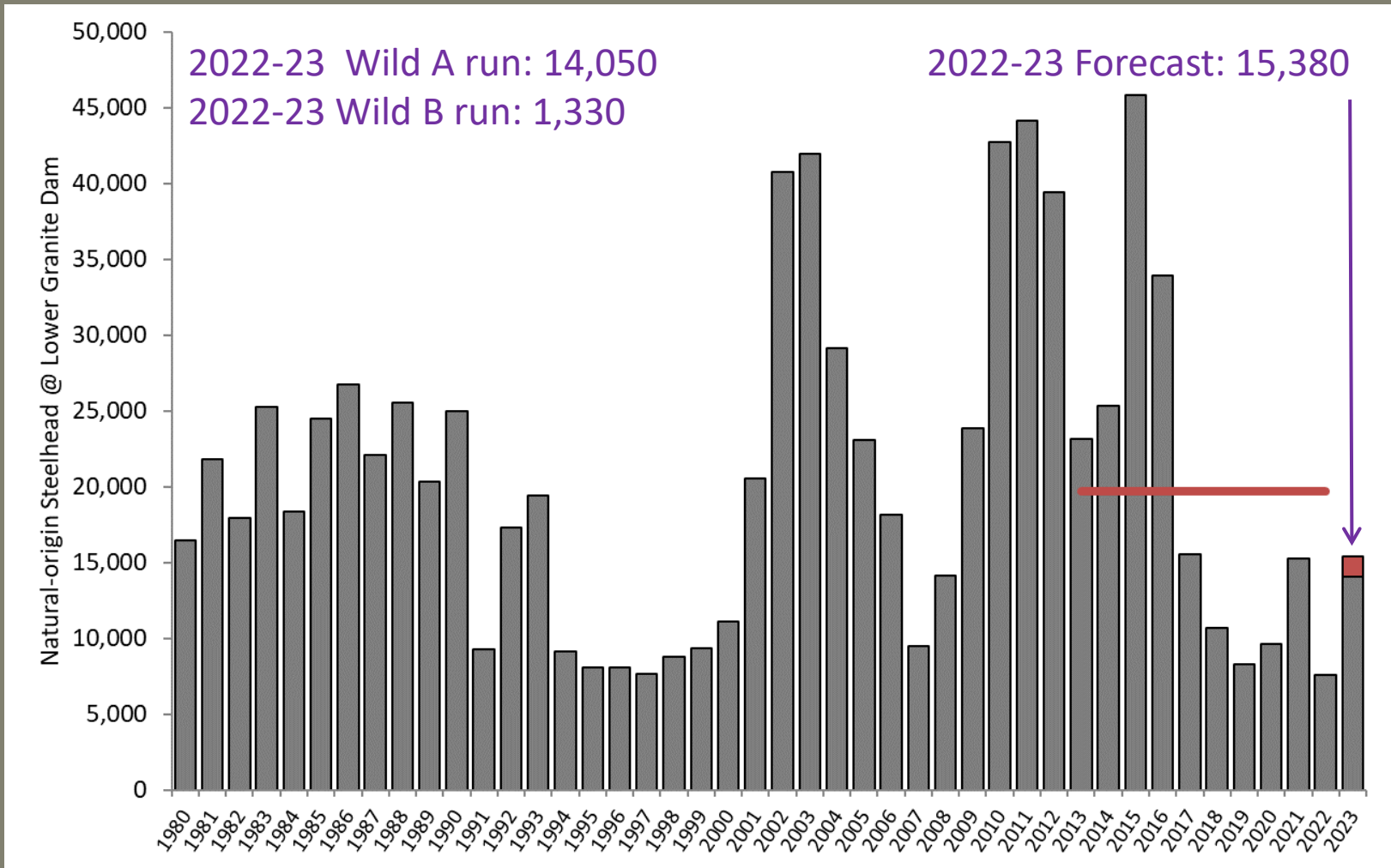
COMBINED NATURAL- AND HATCHERY-ORIGIN FALL CHINOOK



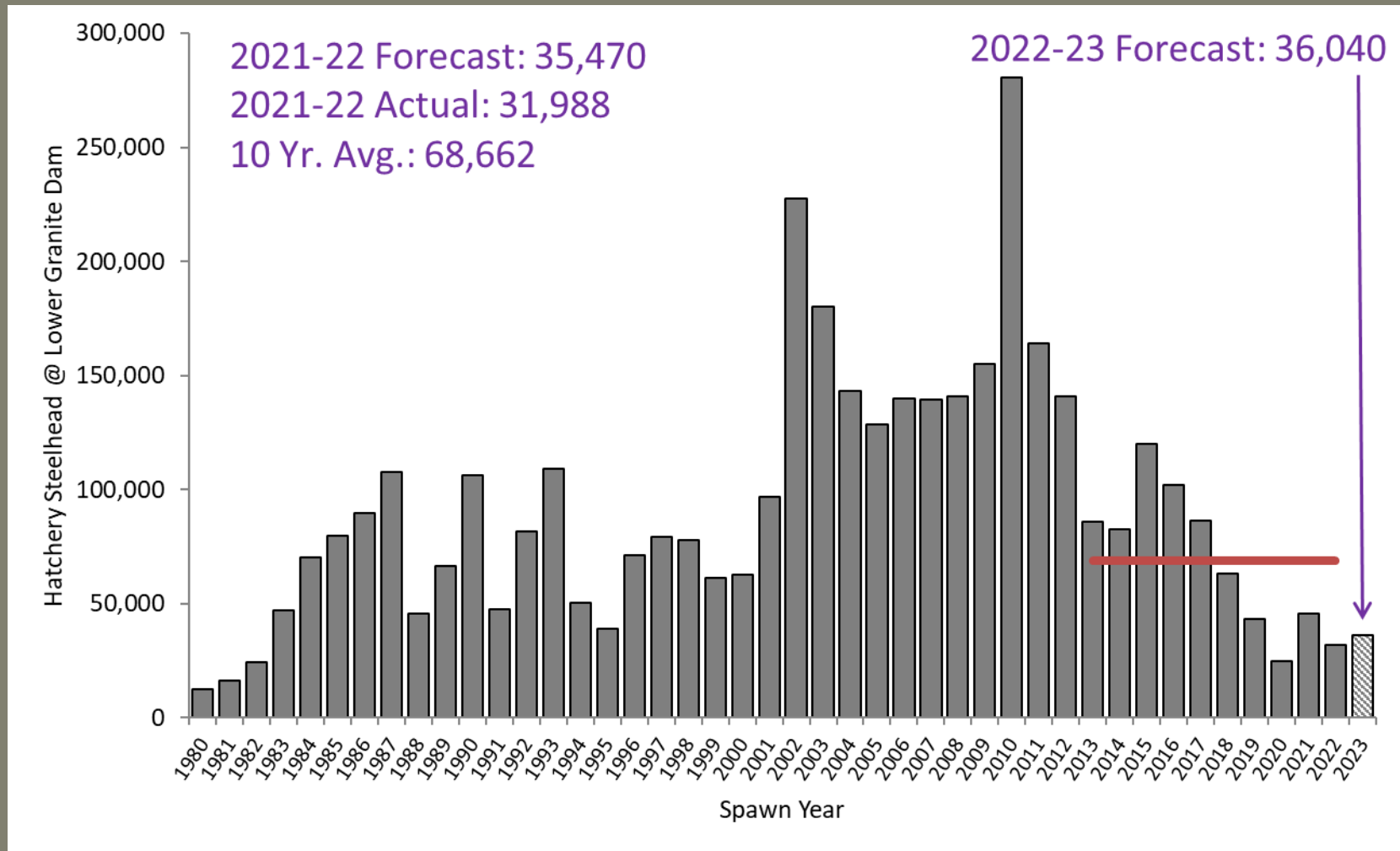
NATURAL-ORIGIN SUMMER STEELHEAD



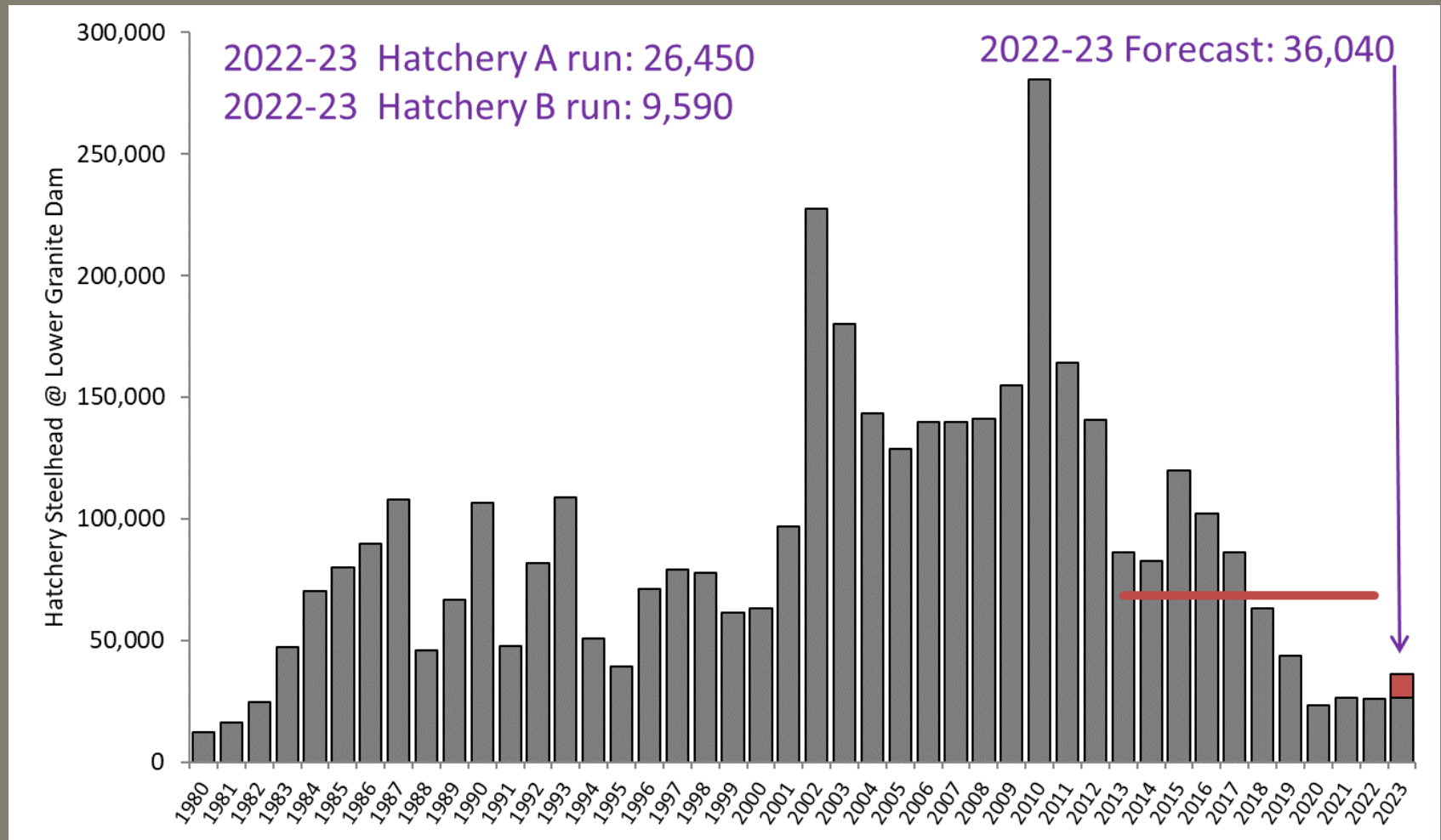
NATURAL-ORIGIN SUMMER STEELHEAD



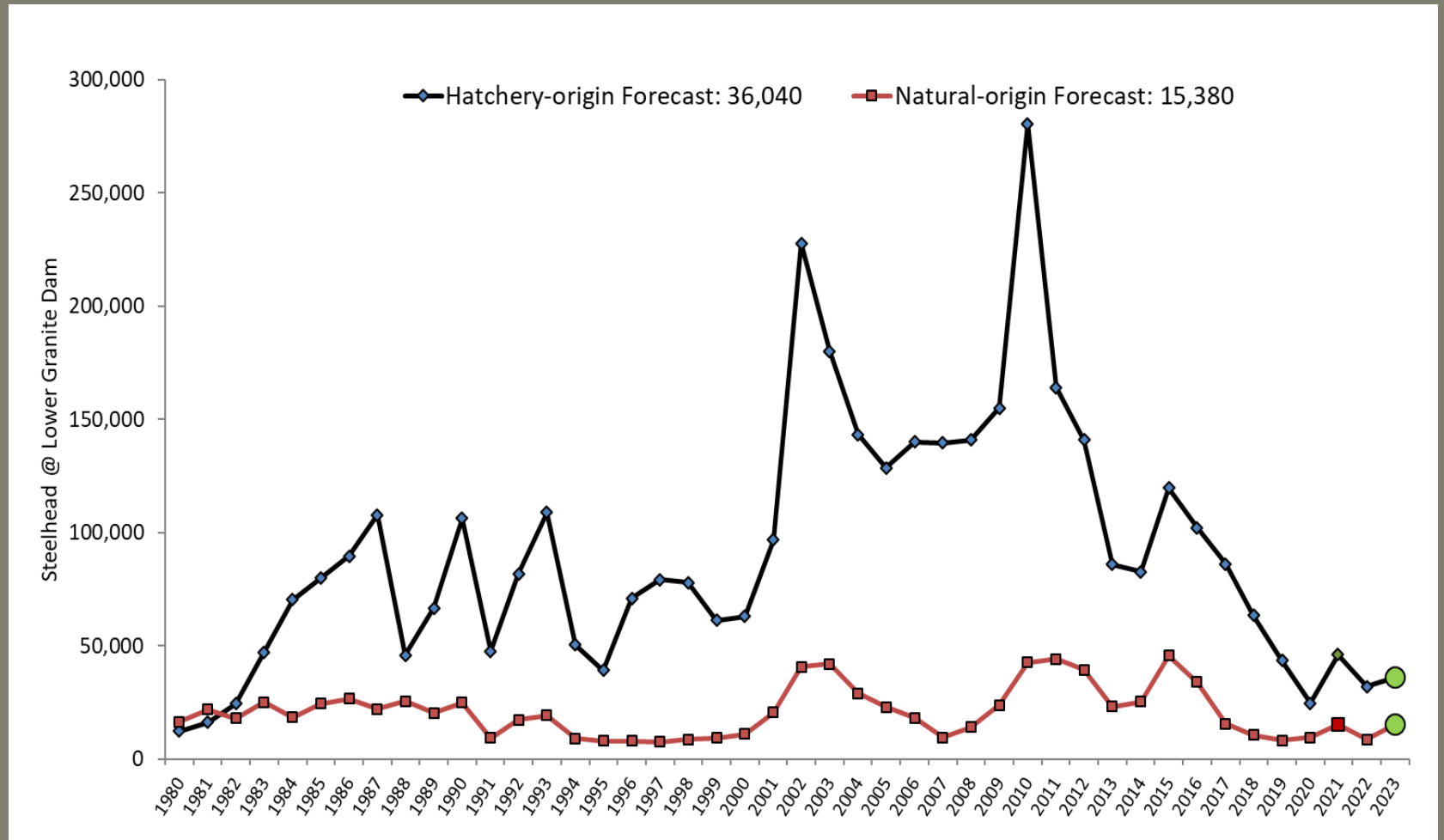
HATCHERY-ORIGIN SUMMER STEELHEAD



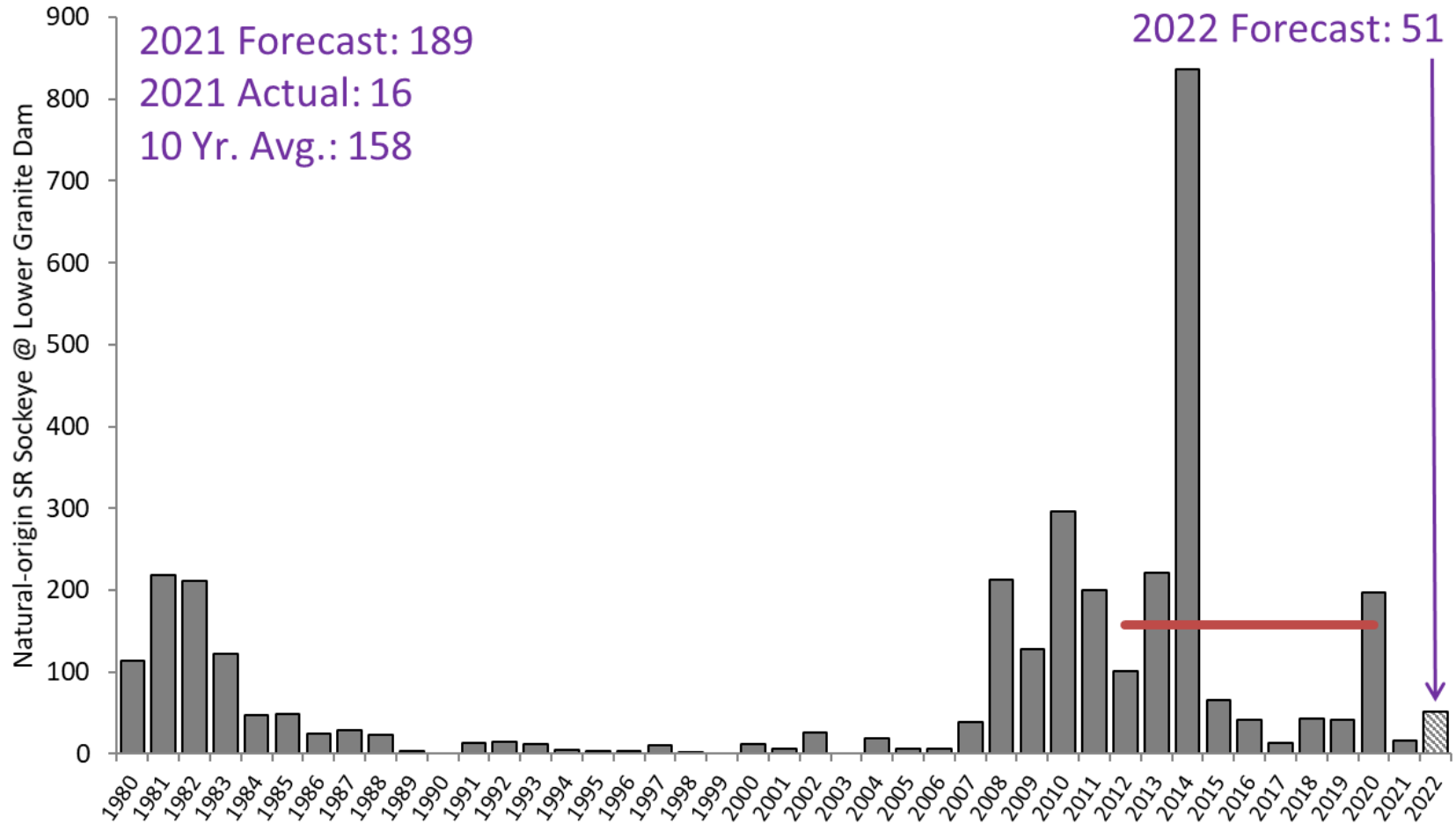
HATCHERY-ORIGIN SUMMER STEELHEAD



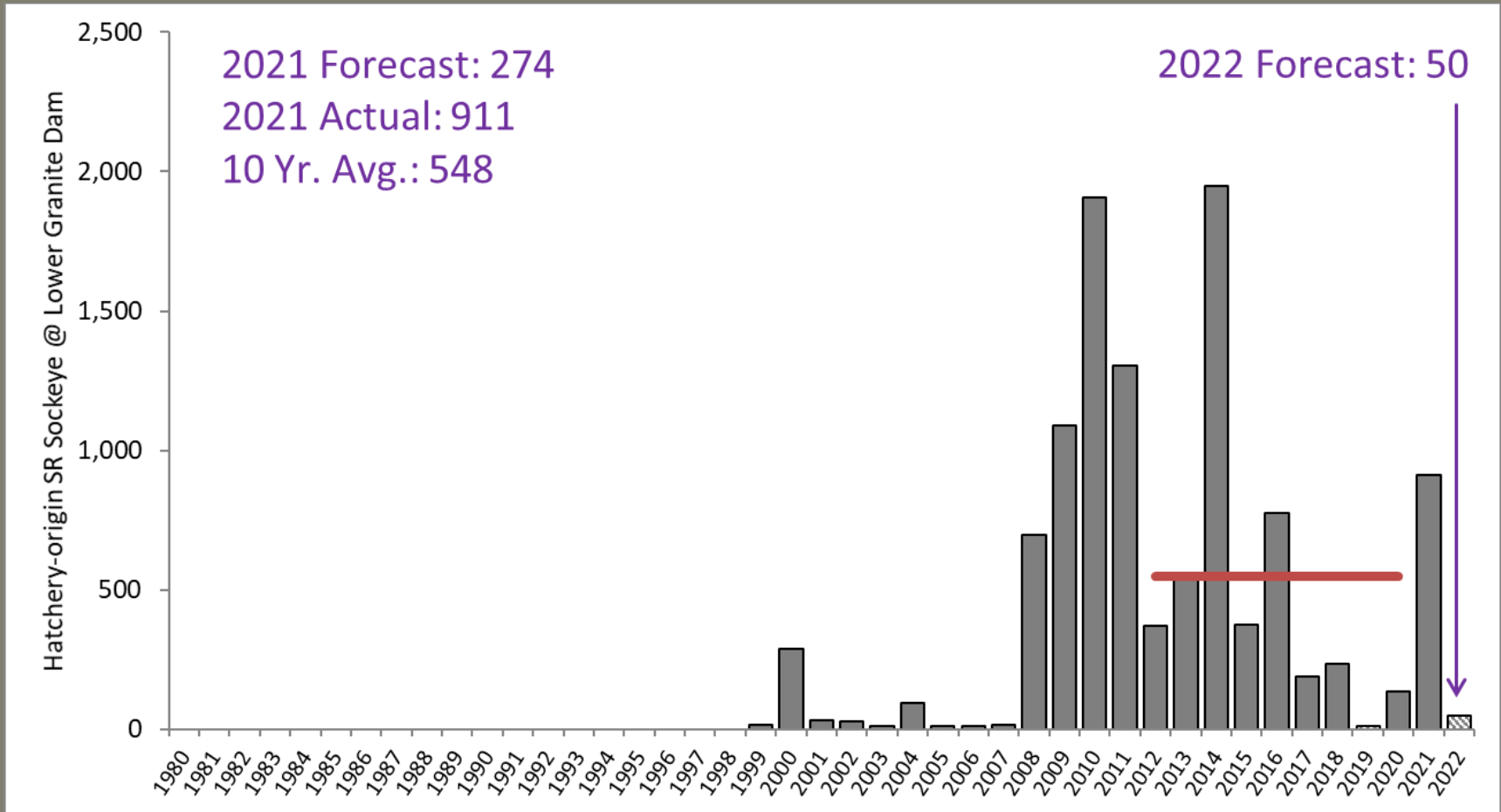
COMBINED NATURAL- AND HATCHERY-ORIGIN SUMMER STEELHEAD



NATURAL-ORIGIN SOCKEYE



HATCHERY-ORIGIN SOCKEYE



COMBINED NATURAL- AND HATCHERY-ORIGIN SOCKEYE

