



2013 Comprehensive Evaluation

Protecting Salmon and Steelhead in the Columbia River Basin

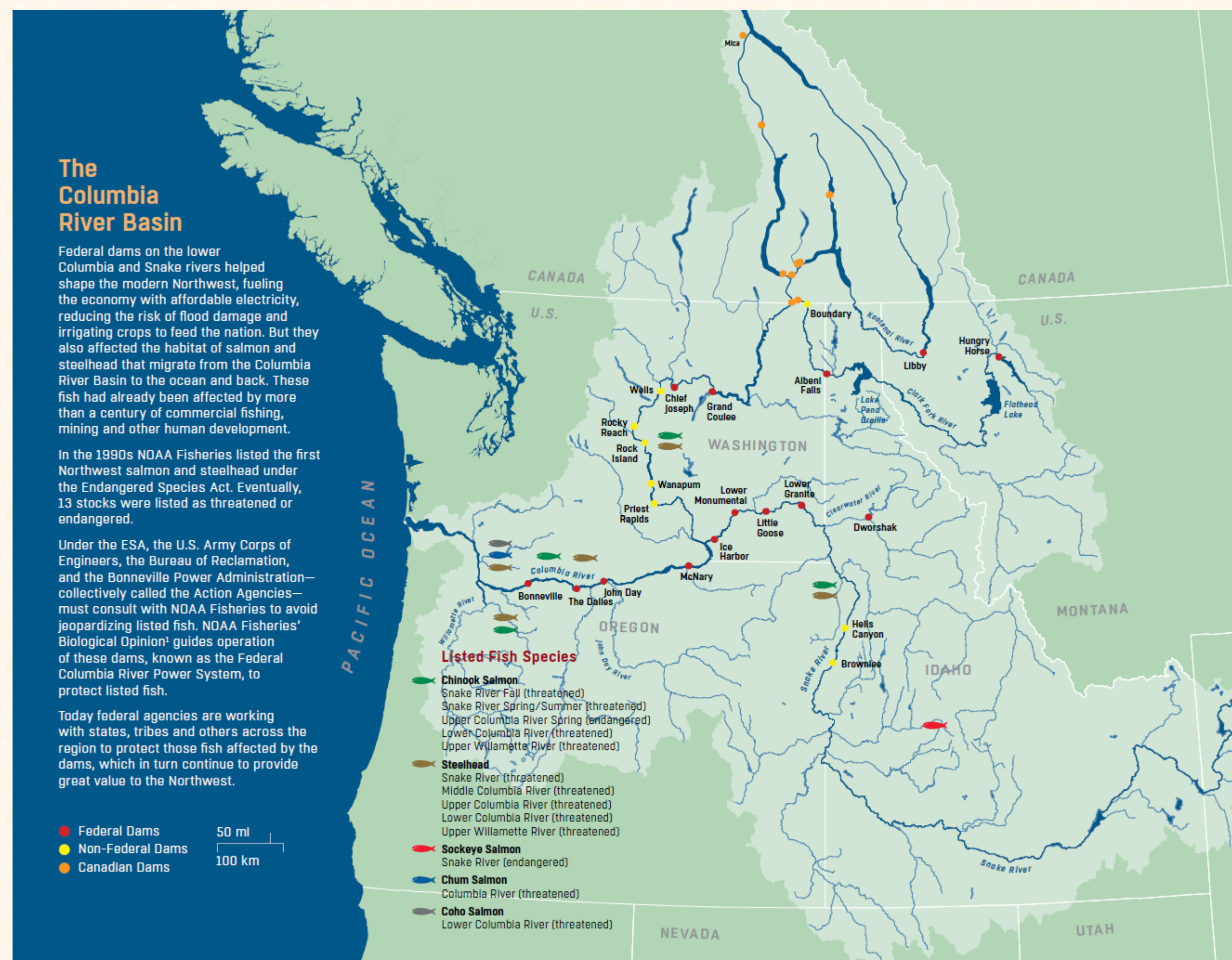
FIVE YEARS OF PROGRESS UNDER THE FEDERAL COLUMBIA RIVER POWER SYSTEM BIOLOGICAL OPINION



The Report

The recently published 2013 Comprehensive Evaluation serves as a progress report on the work by the U.S. Army Corps of Engineers, Bureau of Reclamation and Bonneville Power Administration to protect ESA-listed salmon and steelhead. This poster presents excerpts taken directly from the full report which is available from the Federal Caucus website: www.salmonrecovery.org

Background



Excerpted from "Citizen's Guide to the 2013 Comprehensive Evaluation", pg. 2



Excerpted from "Citizen's Guide to the 2013 Comprehensive Evaluation", pg. 3

Fish Status and Environmental Conditions

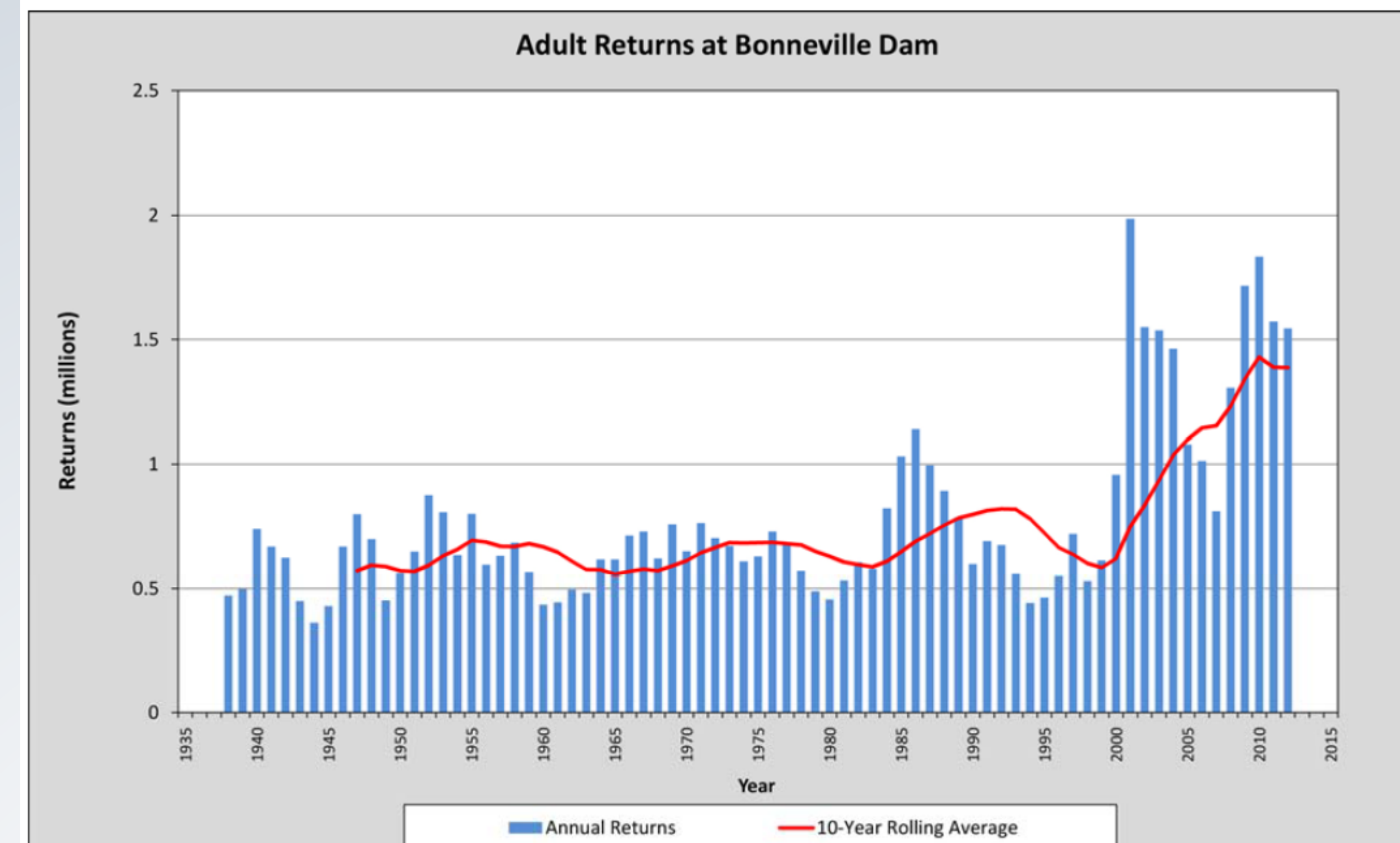


Figure 2. Adult and Jack Salmon/Steelhead Returns at Bonneville Dam, 1938 to 2012. Daytime counts only. Numbers include both ESA listed and unlisted hatchery and natural-origin fish. Harvest has varied over time. Sources: For 1938 – 2011 - U.S. Army Corps of Engineers Fish Passage Report 2011, Table 18b; for 2012 data see <http://www.nwp.usace.army.mil/Missions/Environment/Fishdata.aspx>.

Excerpted from section 1, pg. 17

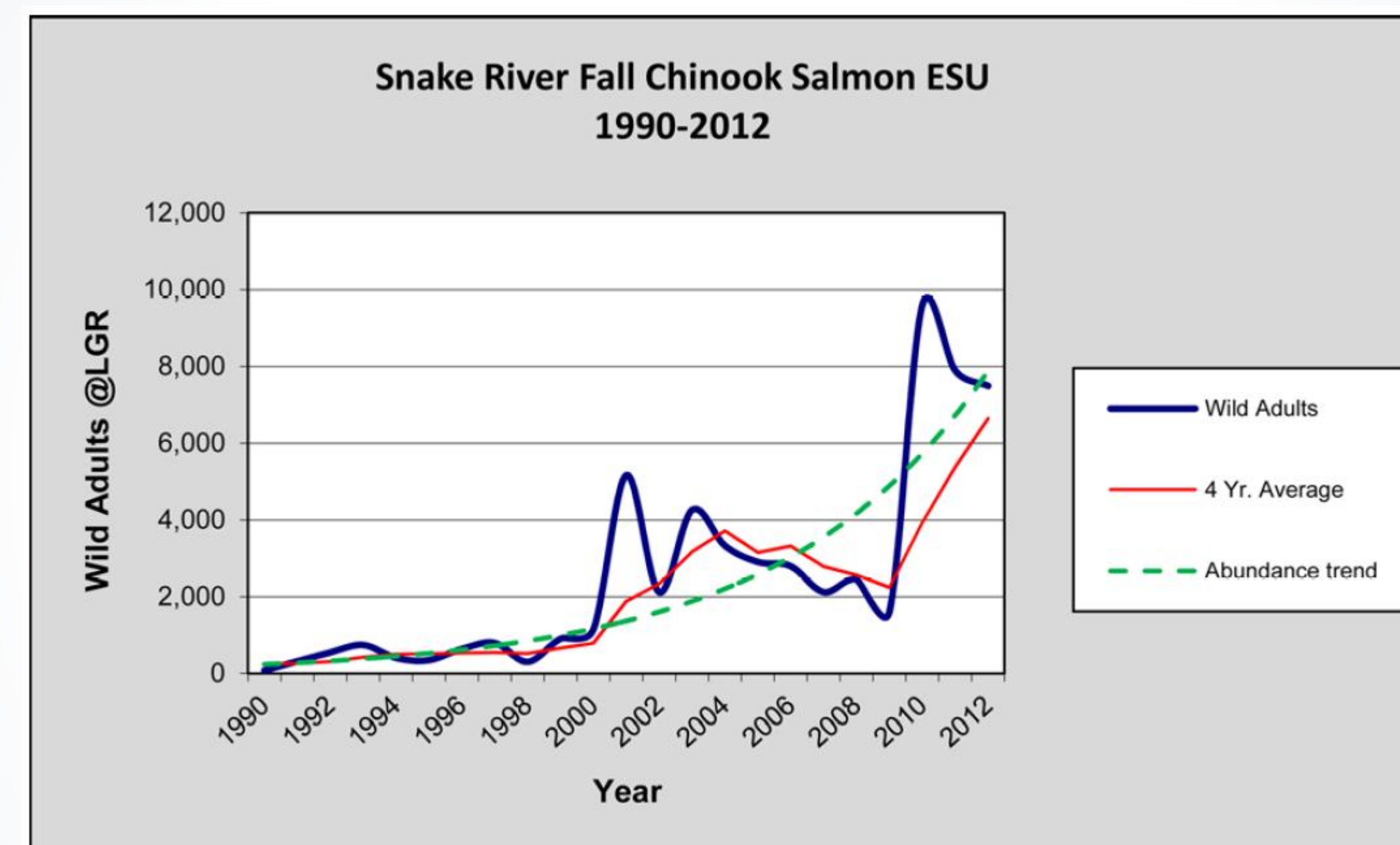


Figure 3. Returns of Naturally Produced Adult Snake River Fall Chinook Salmon at Lower Granite Dam, 1990–2012.

Excerpted from section 1, pg. 19

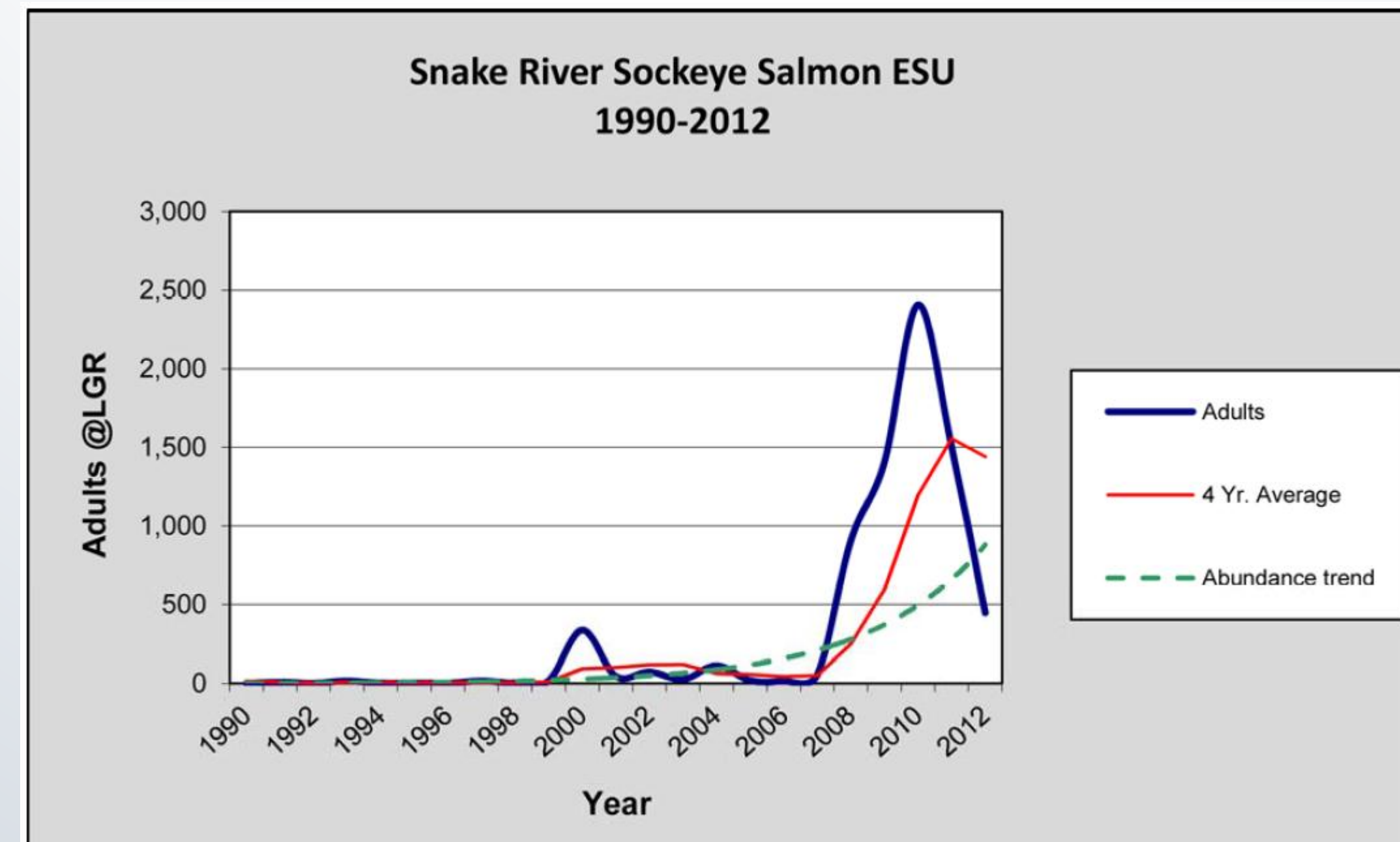


Figure 5. Returns of All Snake River Sockeye Salmon at Lower Granite Dam, 1990–2012. The ESU-level trend in abundance was positive during this period.

Excerpted from section 1, pg. 21

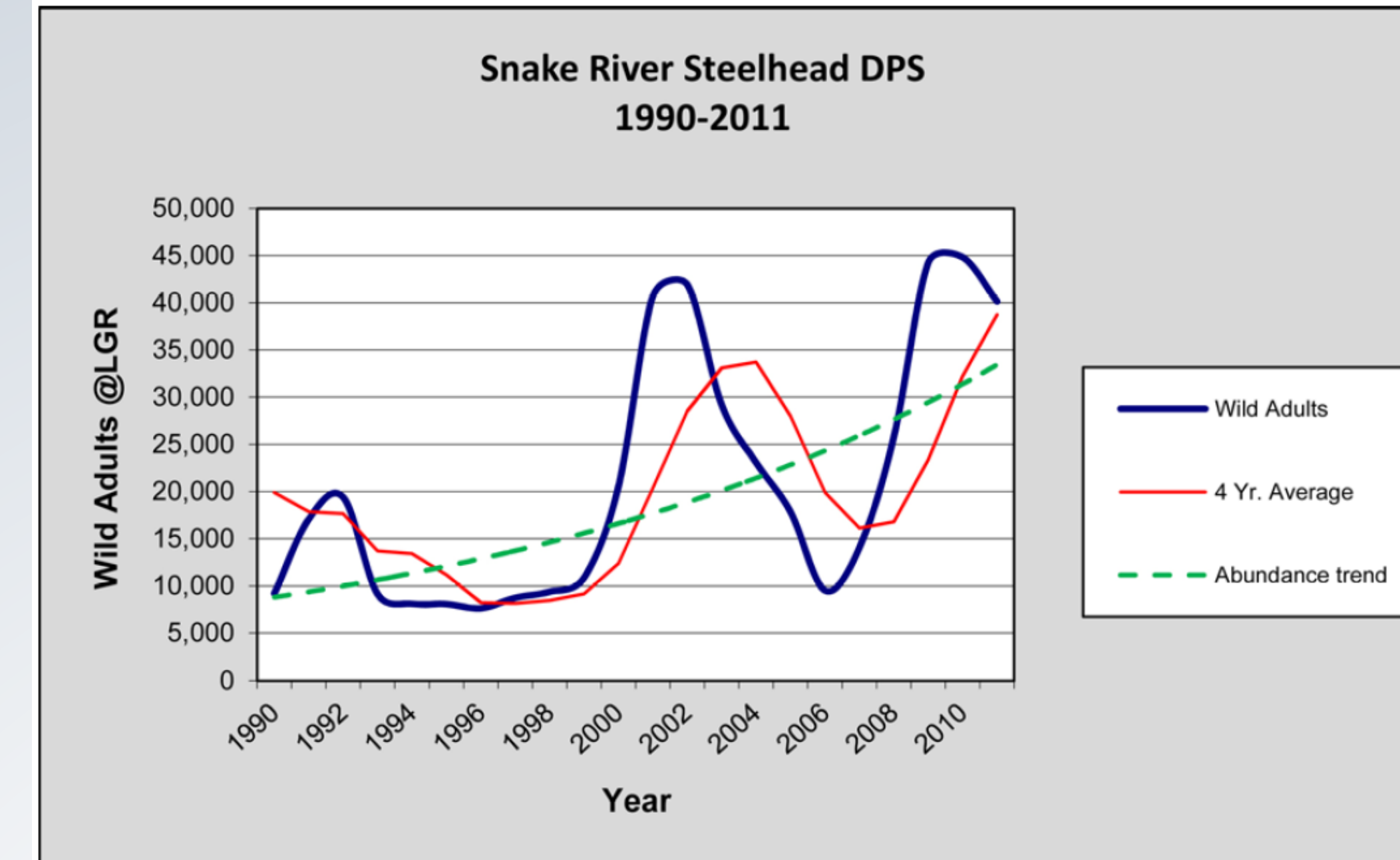


Figure 6. Returns of Naturally Produced Adult Snake River Steelhead at Lower Granite Dam, 1990–2012. The DPS-level trend in abundance was positive during this period.

Excerpted from section 1, pg. 22

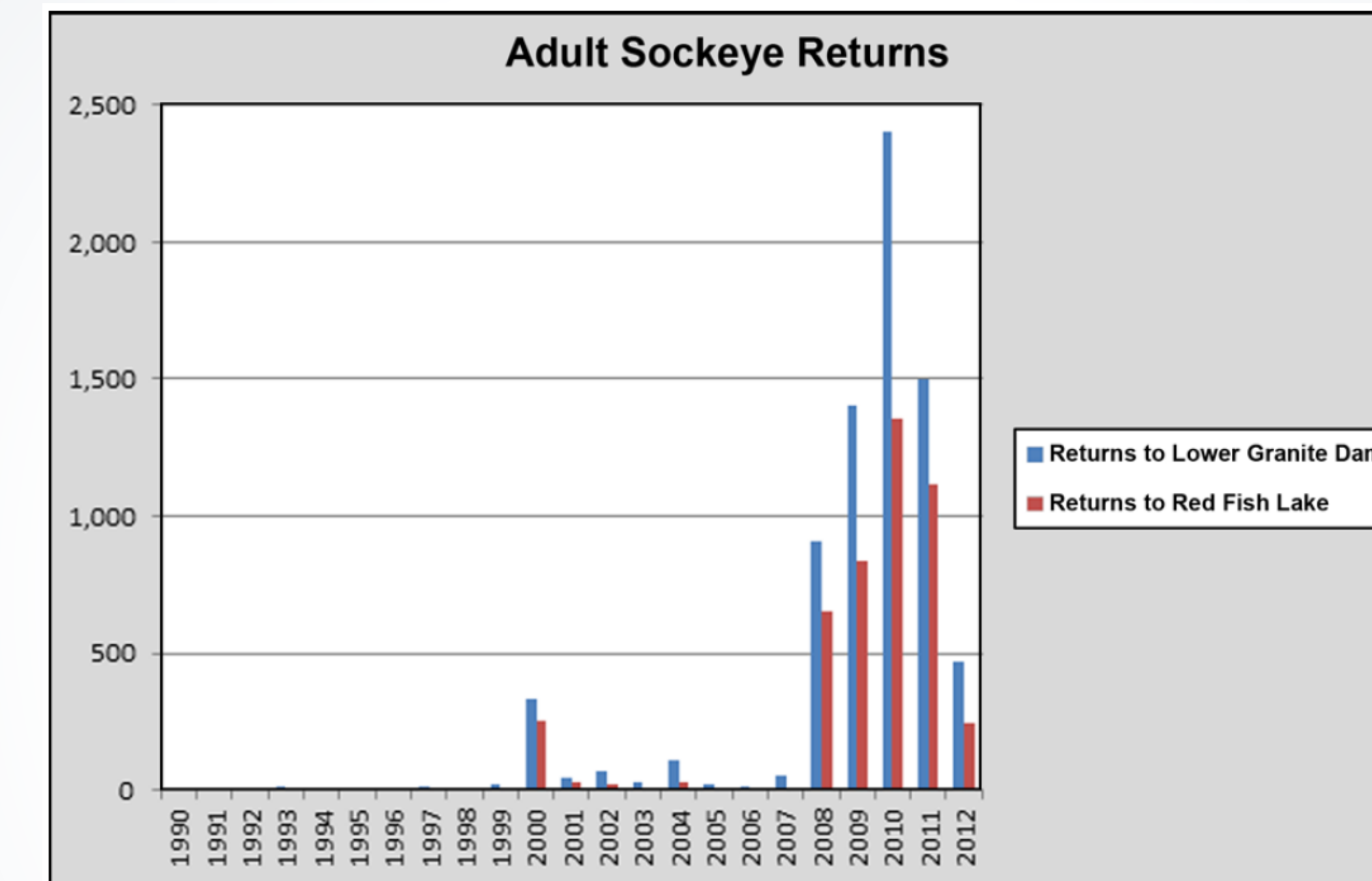


Figure 43. Adult Sockeye Salmon Returns to Lower Granite Dam and to Redfish Lake/Sawtooth Hatchery Weir on the Upper Salmon River, Idaho, 1990–2012.

Excerpted from section 1, pg. 78

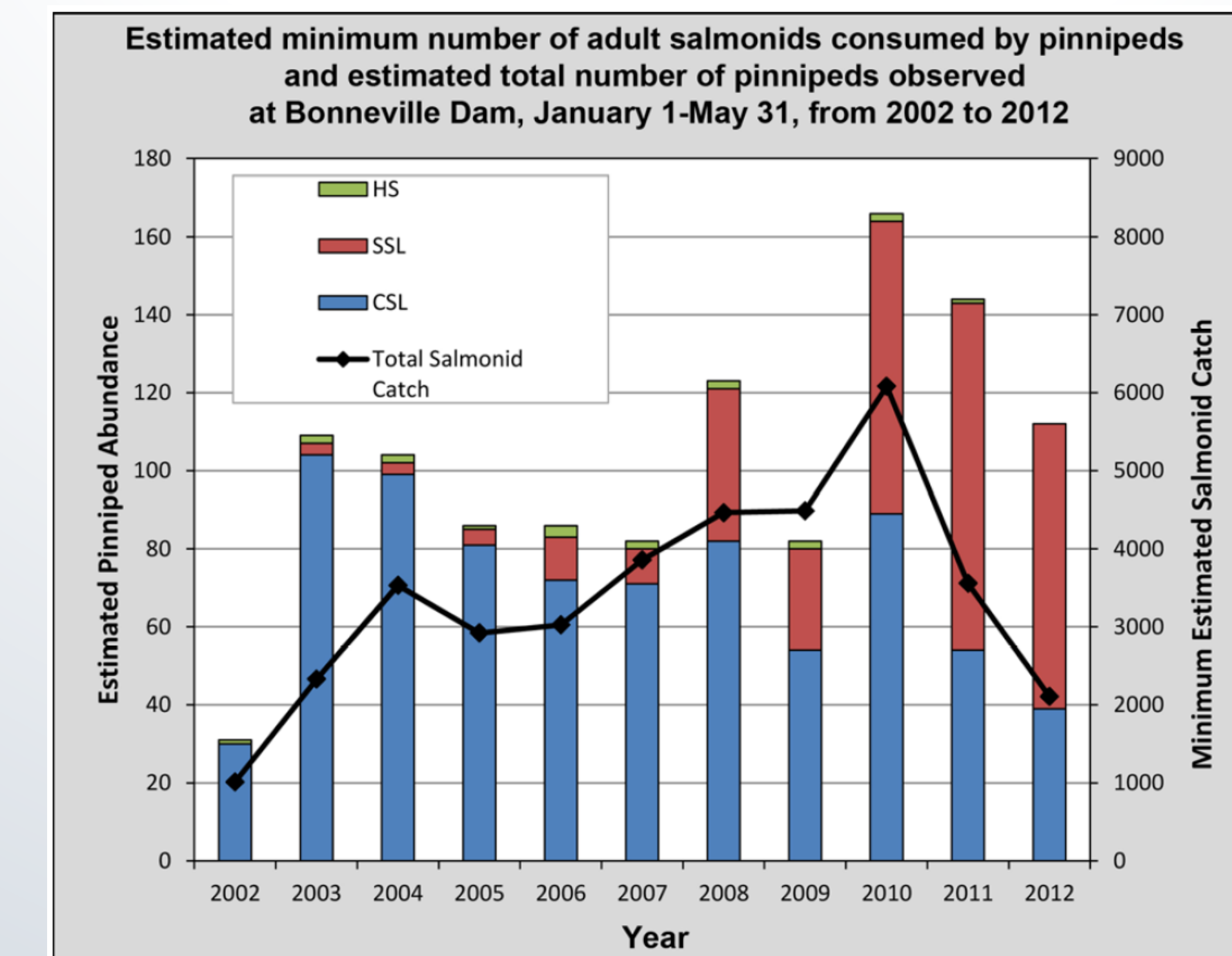


Figure 47. Estimated Minimum Number of Adult Salmonids Consumed by Pinnipeds and Estimated Total Number of Pinnipeds Observed at Bonneville Dam, January 1–May 31, from 2002 to 2012. Note: In 2005, regular observations did not start until March 18. Pinnipeds observed included California sea lions, Steller sea lions, and harbor seals. HS = harbor seals, SSL = Steller sea lions, CSL = California sea lions.

Excerpted from section 1, pg. 78

