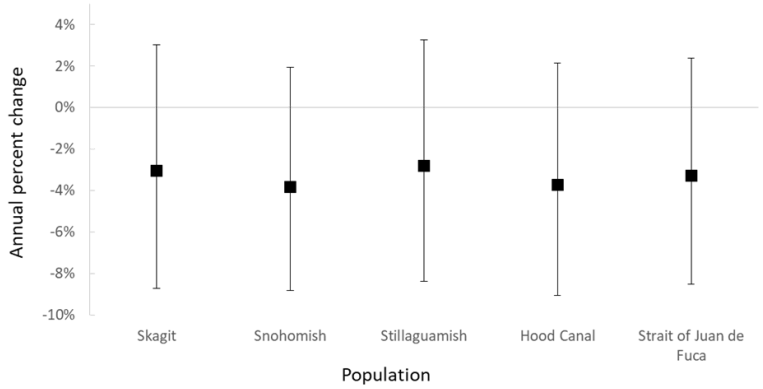
PUGET SOUND
VITAL SIGNS

INDICATOR
NUMBER OF NATURAL-ORIGIN COHO SALMON ON SPAWNING GROUNDS

This indicator evaluates the abundance and trend of five coho salmon management units as measured by the number of natural-origin adult fish on the spawning grounds of Puget Sound. Abundance estimates here do not include hatchery-origin fish or coho salmon taken in harvest or by predators like orcas. The indicator is intended to reflect the abundance of wild coho salmon in Puget Sound, which are not federally listed under the Endangered Species Act.



Annual percent change in coho salmon management unit spawner abundance from 2000 to 2023 for each Puget Sound management unit. The lines show the 25th to 75th credibility intervals (CIs). CIs represent a range of values the true annual percent change likely falls within. All CIs contain zero, suggesting no statistically significant change in spawner abundance from 2000 to 2023 for all management units.

Key Vital Sign Indicator Results

- Spawner abundance estimates of five management units of Puget Sound coho salmon have not changed significantly since the reference year of 2000.
- Recent 5-year geomean abundance of the five Puget Sound coho management units relative to their low/normal escapement abundance breakpoint ranges from 90% to 293%.

CONTRIBUTING PARTNERS

Washington Department of FISH & WILDLIFE

Indicator Trend

NO TREND

Target

No targets are currently set for this indicator.

Data Source

Washington co-manager agreed-to datasets, as provided by WDFW staff including WDFW Fish Program District Biologists

Vital Sign Indicator Reporter

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Indicator Details

Click below for more information about this indicator, including Maps, Charts, Indicator Importance, Methods, Interpretation of Results, and Additional Resources.

Complete Indicator Report

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