Rapid stock status summary

Exploratory personal project. Not an official assessment.

Emma Branch. Generated 24 November 2026 from open data.

> **Note**
>
> This summary was generated automatically by an exploratory personal project. It does not reproduce DFO's methods or any seafood recommendation program, and it makes no recommendations.

Spot prawn, BC coast

DFO's 2024 Sustainability Survey for Fisheries places this stock in the **Healthy** zone (method recorded: scientific peer review process). No biomass time series was compiled for this stock, so there is no indicator value to report.

Item	Detail
Species	Spot prawn
DFO 2024 status zone	Healthy
Data tier	D: DFO status zone only, no assessment time series compiled
Latest biomass / limit	Not available
Assessment years	Not in RAM Legacy
Managed by	Fisheries and Oceans Canada (DFO)
Management plan	Pacific Region Integrated Fisheries Management Plan Prawn and Shrimp by Trap May 1, 2024 to April 30, 2025.

Status and trends: no assessment time series was compiled for this stock. See the data gaps section below.

Management context

- **Limit reference point, as described by DFO:** The LRP is defined in spawner index units. Using the default formulas in DFO (2008) this would set the LRP at 1.56 spawner index units (40% Bmsy), where Bmsy = 3.9 SI units. https://waves-vagues.dfo-mpo.gc.ca/library-bibliotheque/337043.pdf Explanatory note: The spawner index model is an index of abundance (catch per unit effort based on standardized trap gear). The unit of measure or spawner index is the number of spawners (mature females) per trap.
- **Upper stock reference, as described by DFO:** Using the default formulas in DFO (2008) this would set the USR at 3.12 spawner index units (80% Bmsy), where Bmsy =3.9 SI units. https://waves-vagues.dfo-mpo.gc.ca/library-bibliotheque/337043.pdf Explanatory note: The spawner index model is an index of abundance (catch per unit effort based on standardized trap gear). The unit of measure or spawner index is the number of spawners (mature females) per trap.
- **Limit used for this project's indicator:** None (no time series compiled)
- **Management plan:** Pacific Region Integrated Fisheries Management Plan Prawn and Shrimp by Trap May 1, 2024 to April 30, 2025.
- **Managed by:** Fisheries and Oceans Canada (DFO)

Science documents cited by DFO in the 2024 survey: https://waves-vagues.dfo-mpo.gc.ca/library-bibliotheque/337043.pdf; https://www.dfo-mpo.gc.ca/csas-sccs/publications/resdocs-docrech/2008/2008_049-eng.htm; https://www.dfo-mpo.gc.ca/csas-sccs/Publications/ScR-RS/2012/2012_041-eng.html

Data gaps and uncertainty

- No public assessment time series compiled in this project; status relies on DFO's survey response.

No assessment time series was compiled in this project. Status relies entirely on DFO's survey response, recorded as based on: scientific peer review process.

Sources

Fisheries and Oceans Canada, Sustainability Survey for Fisheries, 2024 results (Open Government Licence, Canada). RAM Legacy Stock Assessment Database v4.66, assessment-only (Zenodo, 2024); Ricard, D., Minto, C., Jensen, O.P. and Baum, J.K. (2012), Fish and Fisheries 13(4): 380 to 398. Code and data dictionary: github.com/emmabranch/bc-fish-stock-status.