

Status of SPECIES off the U.S. West Coast in 2025

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Executive Summary

Checking to see if this works Alaska Fisheries Science Center/Northwest Fisheries Science Center West Coast Triennial Shelf Survey (Triennial Survey)

Stock

Catches

Data and Assessment

Stock biomass and dynamics

Recruitment

Exploitation status

Ecosystem considerations

Reference points

Management performance

Harvest projections

Decision table

Scientific uncertainty

Research and data needs

Rebuilding projections

1 Introduction

1.1 Life History

Refer to the most recent full assessment for additional information.

1.2 Ecosystem considerations

Refer to the most recent full assessment for additional information.

1.3 Fishery description

Refer to the most recent full assessment for additional information.

1.4 Management History

Refer to the most recent full assessment for additional information.

1.5 Management performance

1.6 Fisheries off Canada and Alaska

Refer to the most recent full assessment for additional information.

2 Data

2.1 Fishery-dependent data

2.1.1 Landings

2.1.2 Discards

2.1.3 Biological data

2.1.4 Abundance indices

2.2 Fishery-independent data

2.3 Biological Parameters

2.3.1 Natural Mortality

2.3.2 Weight-at-length

2.3.3 Maturity

2.3.4 Fecundity

2.4 Environmental and ecosystem data

3 Assessment model

3.1 History of modeling approaches

Refer to the most recent full assessment for additional information.

3.2 Responses to SSC Groundfish Subcommittee requests

To be completed after review.

3.3 Model Structure and Assumptions

3.3.1 Model Changes from the Last Assessment

3.3.2 Modeling Platform and Structure

3.3.3 Model Parameters

3.3.4 Key Assumptions and Structural Choices

Refer to the most recent full assessment for additional information.

3.4 Base Model Results

3.4.1 Parameter Estimates

3.4.2 Fits to the Data

3.4.3 Population Trajectory

3.5 Model Diagnostics

3.5.1 Convergence

3.5.2 Sensitivity Analyses

3.5.3 Retrospective Analysis

3.5.4 Likelihood Profiles

3.6 Unresolved Problems and Major Uncertainties

4 Management

4.1 Reference Points

4.2 Harvest Projections and Decision Tables

4.3 Evaluation of Scientific Uncertainty

4.4 Regional management considerations

4.5 Research and Data Needs

4.6 Acknowledgements

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4.8 Tables

4.9 Figures