



IPHC data products – progress report

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PURPOSE

To provide the Commission with an overview of steps taken to improve the overall quality and usability of publicly available IPHC data products.

BACKGROUND

Distribution of Pacific halibut information is a primary goal of the International Pacific Halibut Commission (IPHC). Historically conducted through print publication, the IPHC's website, www.iphc.int, is now the principal method of information dissemination.

DISCUSSION

The intent of the IPHC is to allow free access to all non-confidential information pertaining to Pacific halibut. Static data tables have been published by the International Pacific Halibut Commission Secretariat since the organisation's inception. Beginning in 2018, interactive tools such as Tableau and R Shiny have been utilised to better visualise the data collected by the IPHC and to increase user engagement at the IPHC website.

Initial offerings included visualisations featuring the IPHC's Fishery-Independent Setline Survey (FISS) data.

- [Fishery-Independent Setline Survey \(FISS\) – Raw Survey Data](#)
- [FISS – Pacific Halibut Data](#)
- [FISS CPUE](#)
- [FISS Biologicals](#)
- [FISS Performance](#)
- [FISS All Species number per unit of effort \(NPUE\)](#)

Following FISS' lead, additional online applications have been added to the IPHC website, including:

- [IPHC Space-Time Explorer](#)
- [Management Strategy Evaluation \(MSE\) Explorer](#)
- [Year to date directed commercial landings](#)
- [Pacific halibut economic impact visualization tool](#)

Most recently, [time series datasets](#) (TSDs), including modelled output from the Secretariat, historical removals data, commercial landings data, and biological data have been published as data visualisations. The interactive nature of the visualisations allows users to focus on the information both temporally and spatially. The TSDs previously published as simple flat files have also been upgraded with more-comprehensive metadata and citation information. Existing data products will be updated by the IPHC Secretariat as warranted and new interactives published when available. The TSD collection now also has a new more user-friendly interface ([Appendix I](#)).

Information not currently available at www.iphc.int can be requested using an online Data Request Form available at <https://www.iphc.int/forms/data-request/>. The procedures outlined in [IPHC Data Confidentiality Policy and Data Sharing Procedures](#) dictate how requests are handled. Non-confidential products are made available to the general public via the IPHC website while confidential requests are communicated directly with the requester via secure format when approved. The status of a data requests, as well as the online resolutions if available, can be found at [IPHC Data Request Tracker](#).

RECOMMENDATION

That the Commission:

- 1) **NOTE** paper IPHC-2023-IM099-INF02, which provides the Commission with an overview of steps taken to improve the overall quality and usability of publicly available IPHC data products.

APPENDICES







[Appendix I](#): Time Series Datasets collection new interface

APPENDIX I

Time Series Datasets collection new interface

Time Series Datasets

Fishery Independent Setline Survey (FISS) information

Document	Title (Interactive visualisation where linked)	Availability	Download
TSD-001	Modelled FISS NPUE by IPHC Regulatory Area	1977-2022	
TSD-002	Modelled FISS WPUE by IPHC Regulatory Area	1993-2022	
TSD-003	Modelled FISS O32 WPUE by IPHC Regulatory Area	1993-2022	
TSD-004	Modelled FISS stock distribution by Biological Region	1993-2022	
TSD-005	Modelled FISS stock distribution by IPHC Regulatory Area	1993-2022	
TSD-006	Modelled FISS O32 stock distribution by IPHC Regulatory Area	1993-2022	

Fishery information

Management information

Biological information

Region-specific information