



UPDATE ON THE STATISTICS FOR INDIAN OCEAN TROPICAL TUNA FISHERIES, 1950- 2024

27TH IOTC WORKING PARTY ON TROPICAL TUNAS - SEYCHELLES, 21-25 OCT 2025

IOTC SECRETARIAT

PURPOSE

To provide participants at the 27th session of the IOTC Working Party on Tropical Tunas (WPTT27(DP)) with an update on the information on the three tropical species for the years 1950-2024 available to the IOTC Secretariat as of October 2025.

HISTORICAL CATCH UPDATES SINCE JUNE 2025

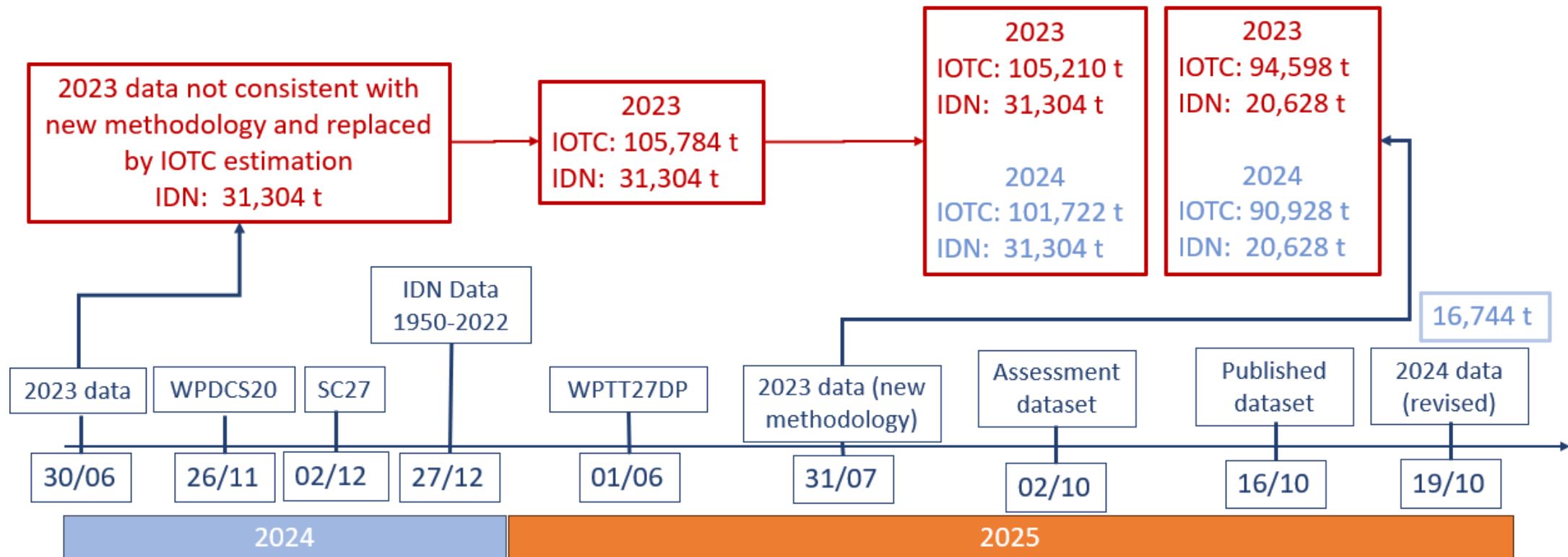
- Coastal fisheries from Kenya (2020-2021): Minor changes
- Deep-water longline fishery from Japan (2022-23): Minor changes
- Gillnet fisheries from Timor Leste (2023): Minor changes
- Coastal fisheries from Indonesia (2023): Full revision
- New submission for all fisheries (2024)

INPUT CATCH DATA FOR THE 2025 BET ASSESSMENT

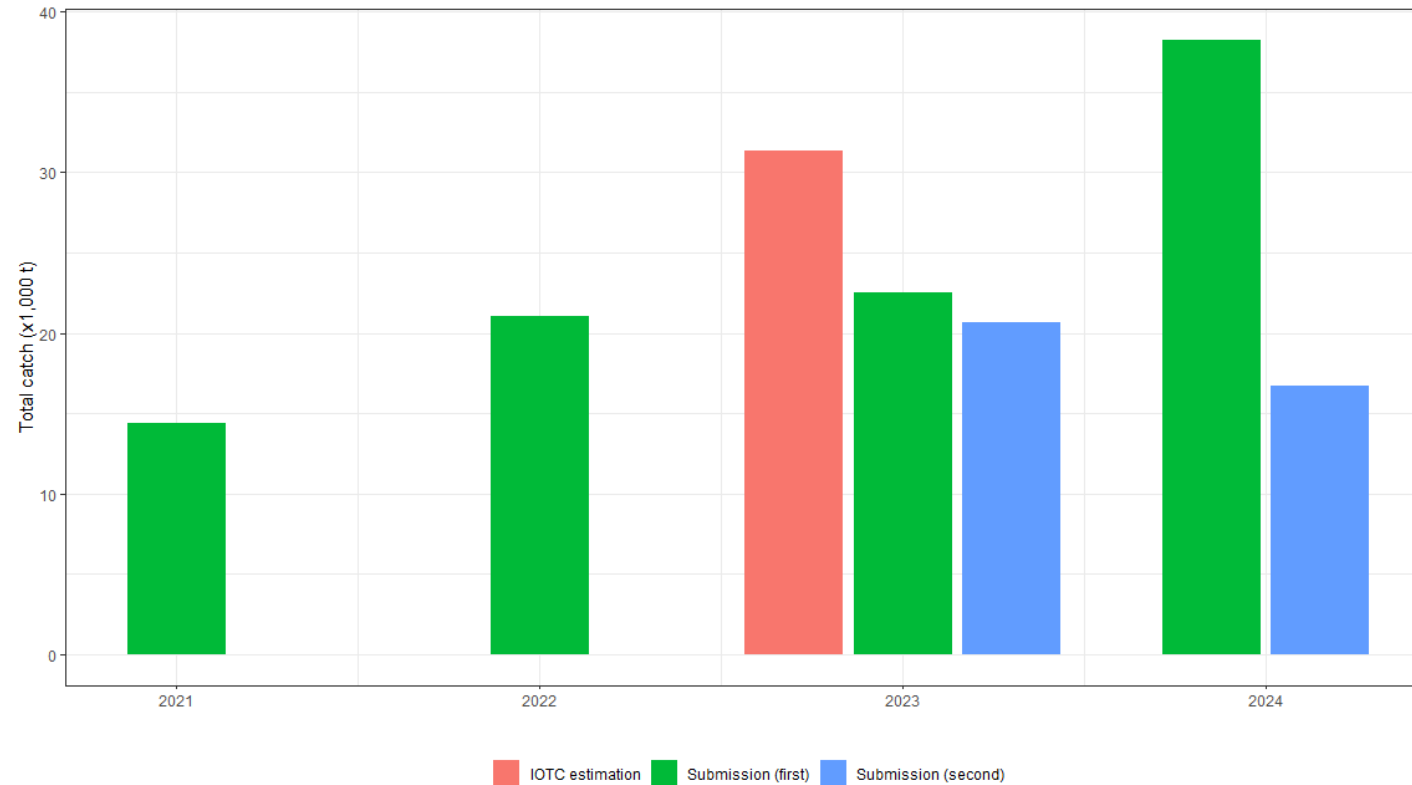
- Catch data as available in September 2025 following minor revisions and curation of 2024 data
- Catch series for Indonesia:
 - 1950-2022: revised time series ([IOTC-2024-WPDCS20-16 Rev1](#))
 - 2023 data based on re-estimation of the composition for coastal fisheries
 - 2024 data based on re-estimated data for 2023
- Revisions thereafter:
 - Resubmission of 2023 data on 31/07/2025 (following new methodology)
 - IDN informed the Secretariat that the 2024 data were in revision on 15/10/2025
 - New submission on 19/10/2025 – Not included in the database



INDONESIAN DATA SUBMISSION TIMELINE

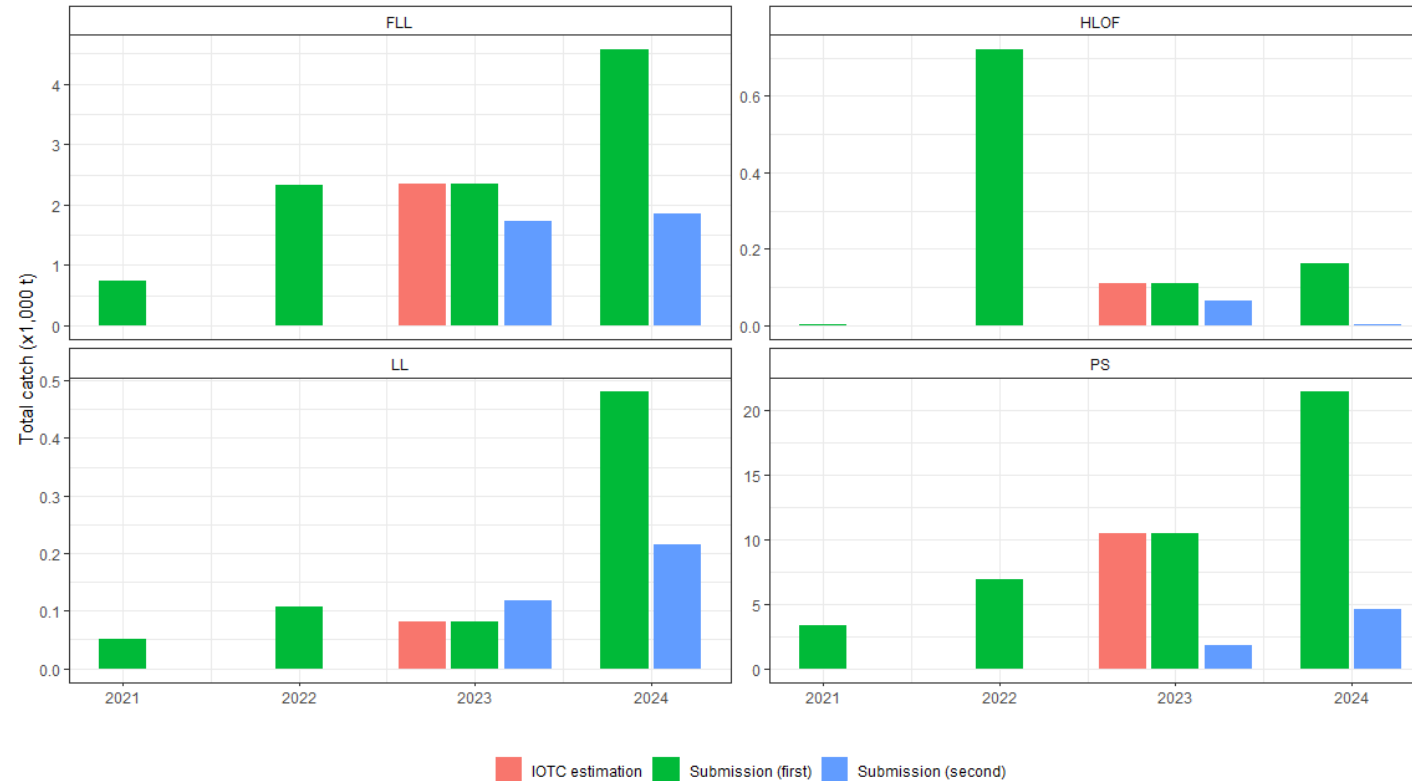


VARIABILITY IN INDONESIAN SUBMISSIONS

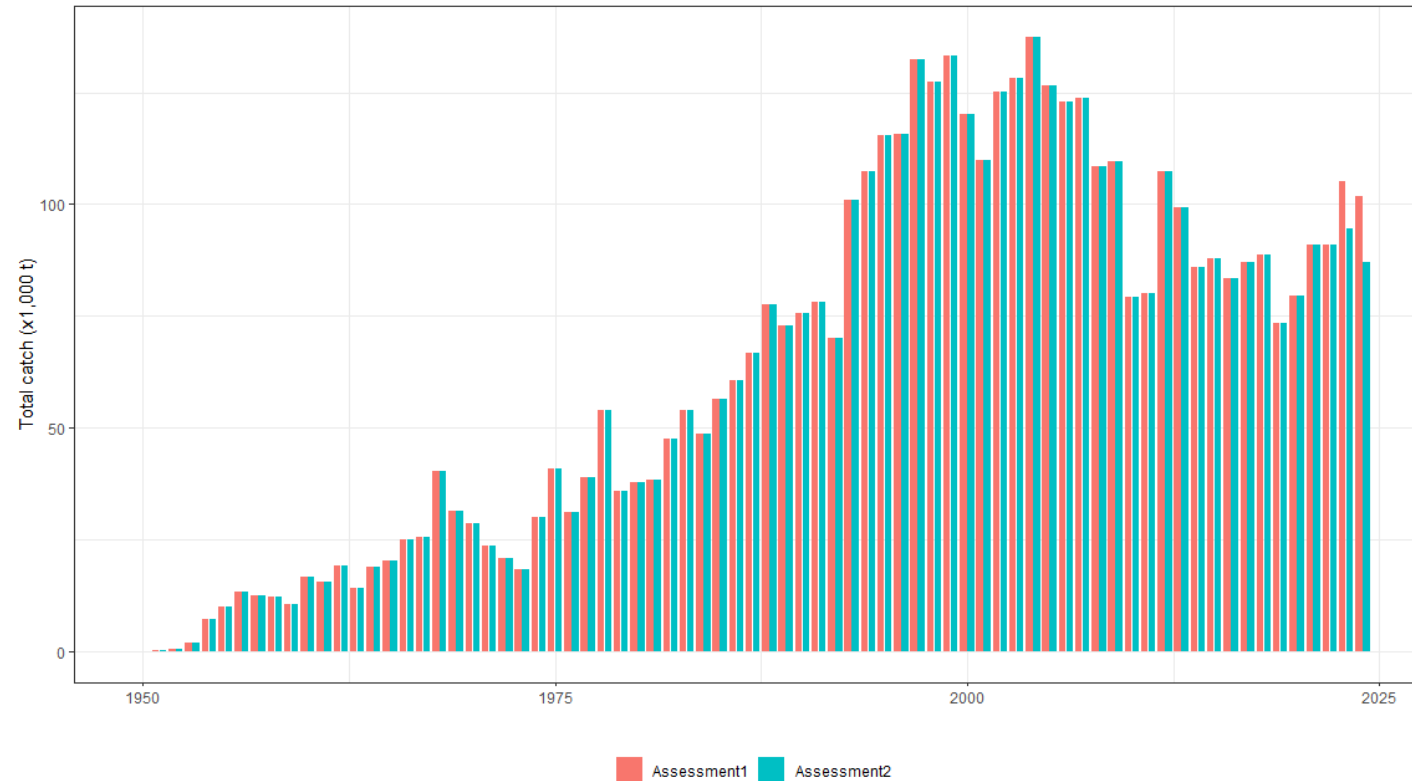


Total retained catches (t) of bigeye tuna available for Indonesian fisheries according to data source during 2021-2024. First submission on 30/06/2025; Second submission on 18/10/2025

MAJOR CHANGES IN IDN CATCHES FOR 2024



Retained catches (t) of bigeye tuna available for the main Indonesian fisheries catching bigeye tuna according to data source during 2021-2024. First submission on 30/06/2025; Second submission on 18/10/2025



Retained catches (t) of bigeye tuna available for the main Indonesian fisheries catching bigeye tuna according to data source during 2021-2024. First submission on 30/06/2025; Second submission on 18/10/2025

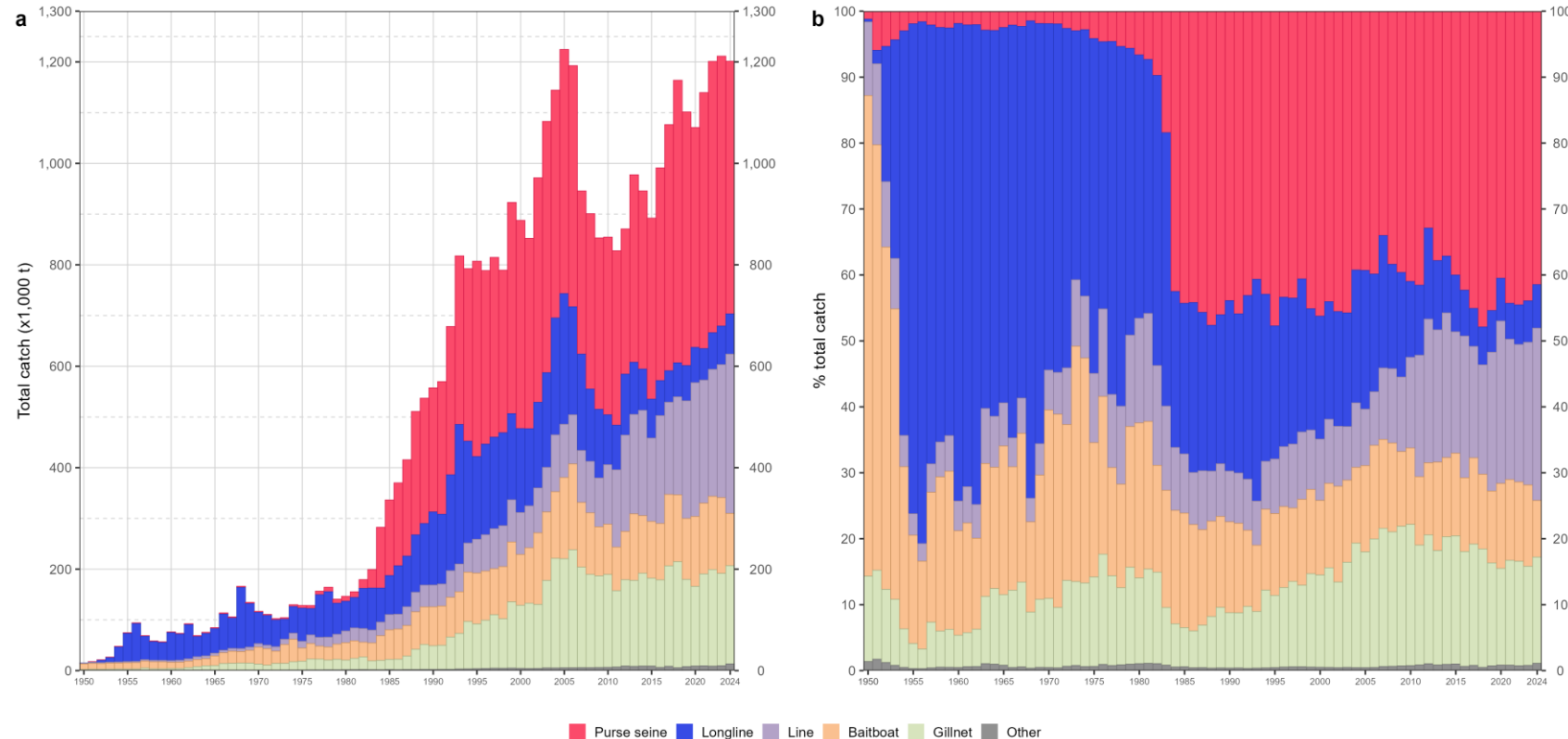
REVISION OF RETAINED CATCH DATA

- Include official submissions from Indonesia for 2023 (submitted on 31/07/2025) and 2024 (submitted on 19/10/2025) in the IOTC database + 2023: 20,268 t + 2024: 16,744 t
- Update the BET stock assessment input catch data by re-running the raising of the geo-referenced catch data
- Also generate an input dataset excluding Somalian catches for 2024

OVERVIEW FOR THE STATISTICAL YEAR 2024

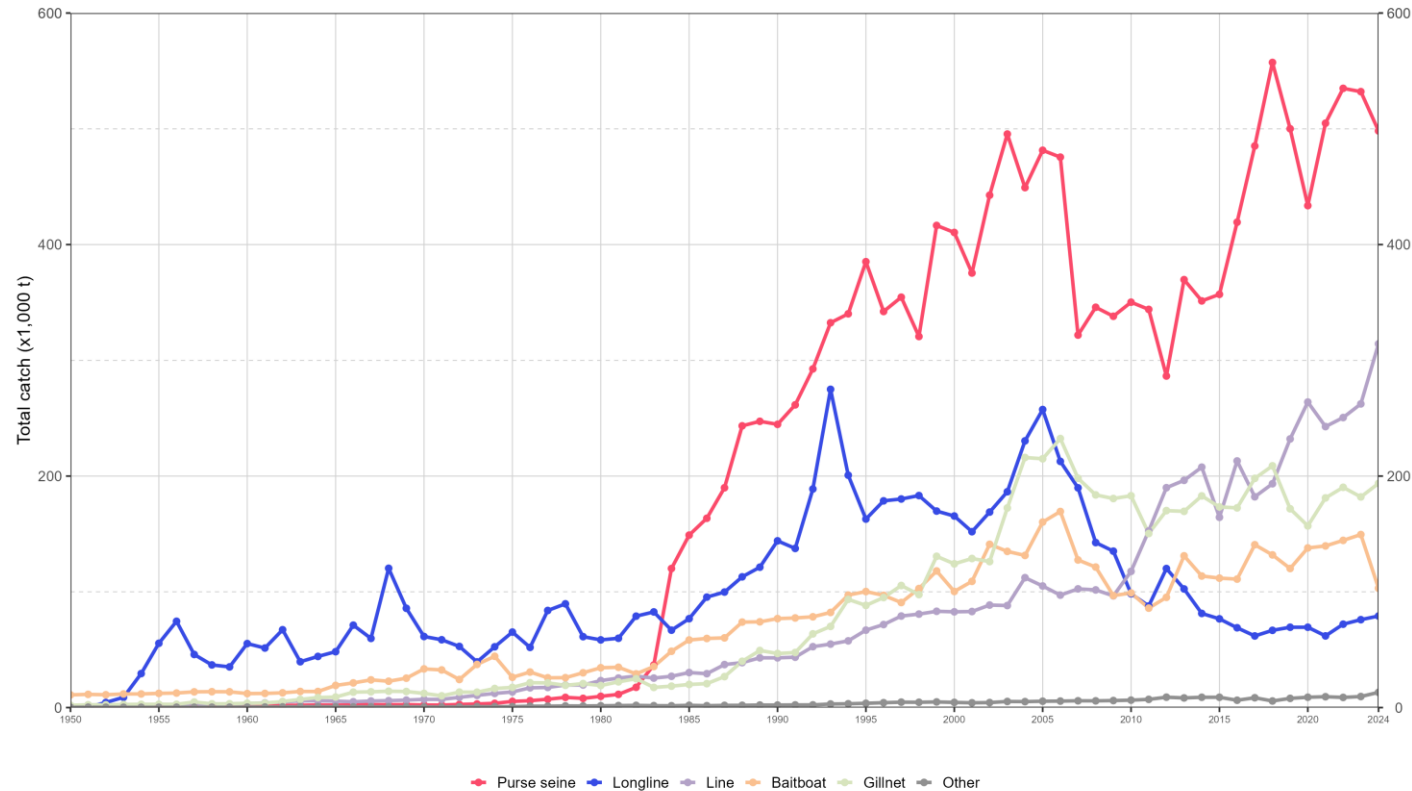
- 16 IOTC species: ~2,110,000 t
- 3 tropical tuna species: ~1,201,000 t (~57% of all IOTC species)
- **Bigeye tuna**: ~87,000 t (~7% of all tropical species)
 - Stock overfished and subject to overfishing
- **Skipjack tuna** : ~625,000 t (~52%)
 - Stock not overfished and not subject to overfishing
- **Yellowfin tuna**: ~490,000 t (~41%)
 - Stock not overfished and not subject to overfishing

TOTAL RETAINED CATCHES BY FISHERY GROUP



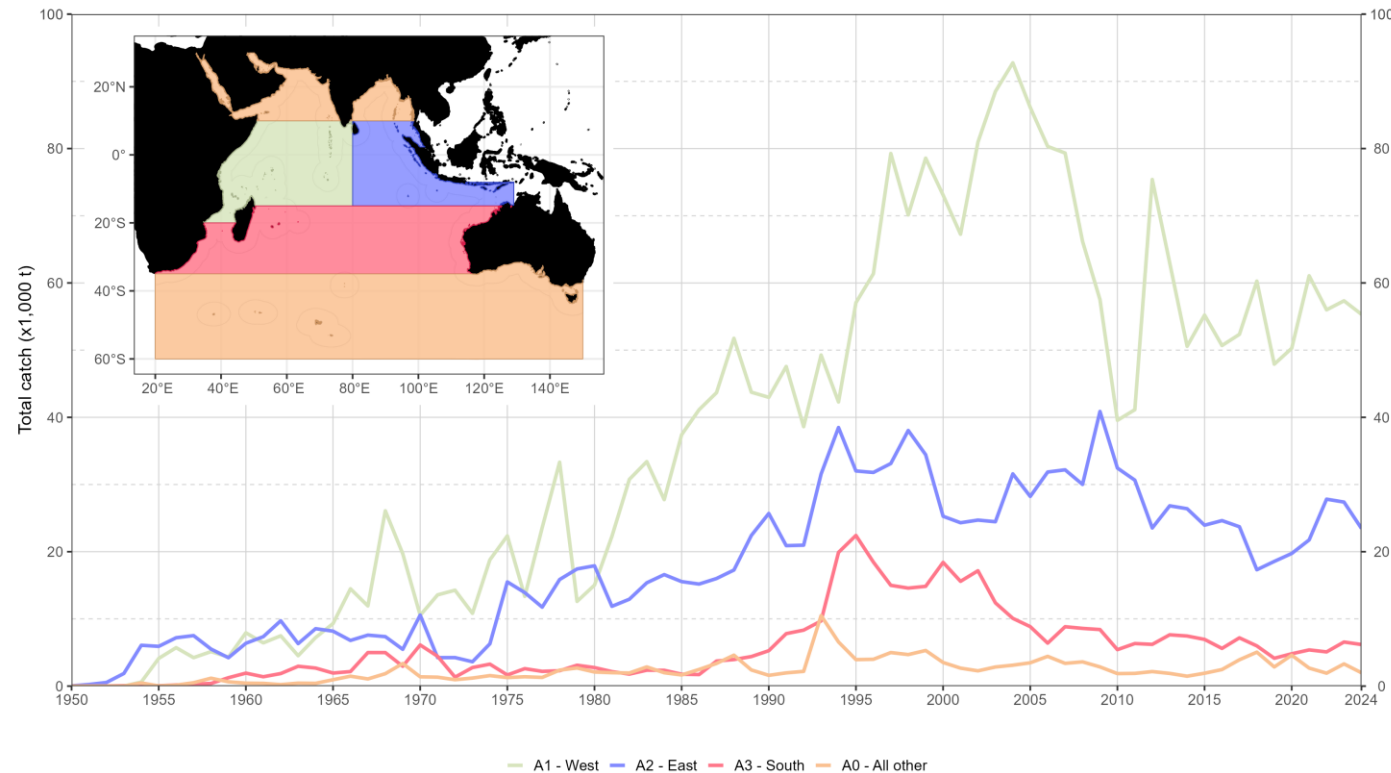
Annual cumulative retained catches (t) of tropical tuna by fishery group: (a) absolute and (b) relative values, 1950-2024

TOTAL RETAINED CATCHES BY FISHERY GROUP



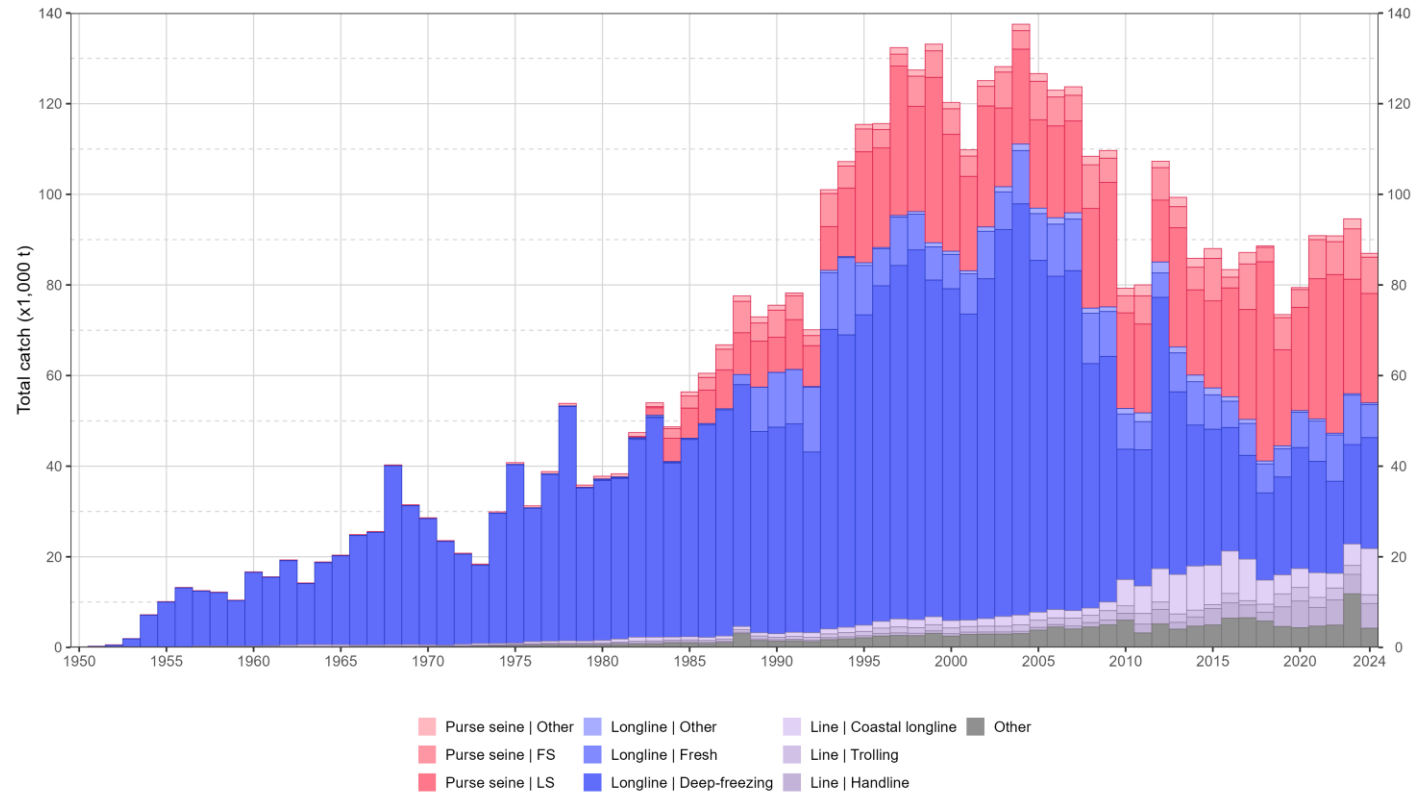
Annual retained catches (t) of tropical tuna by fishery group, 1950-2024

ASSESSMENT INPUTS FOR BIGEYE TUNA



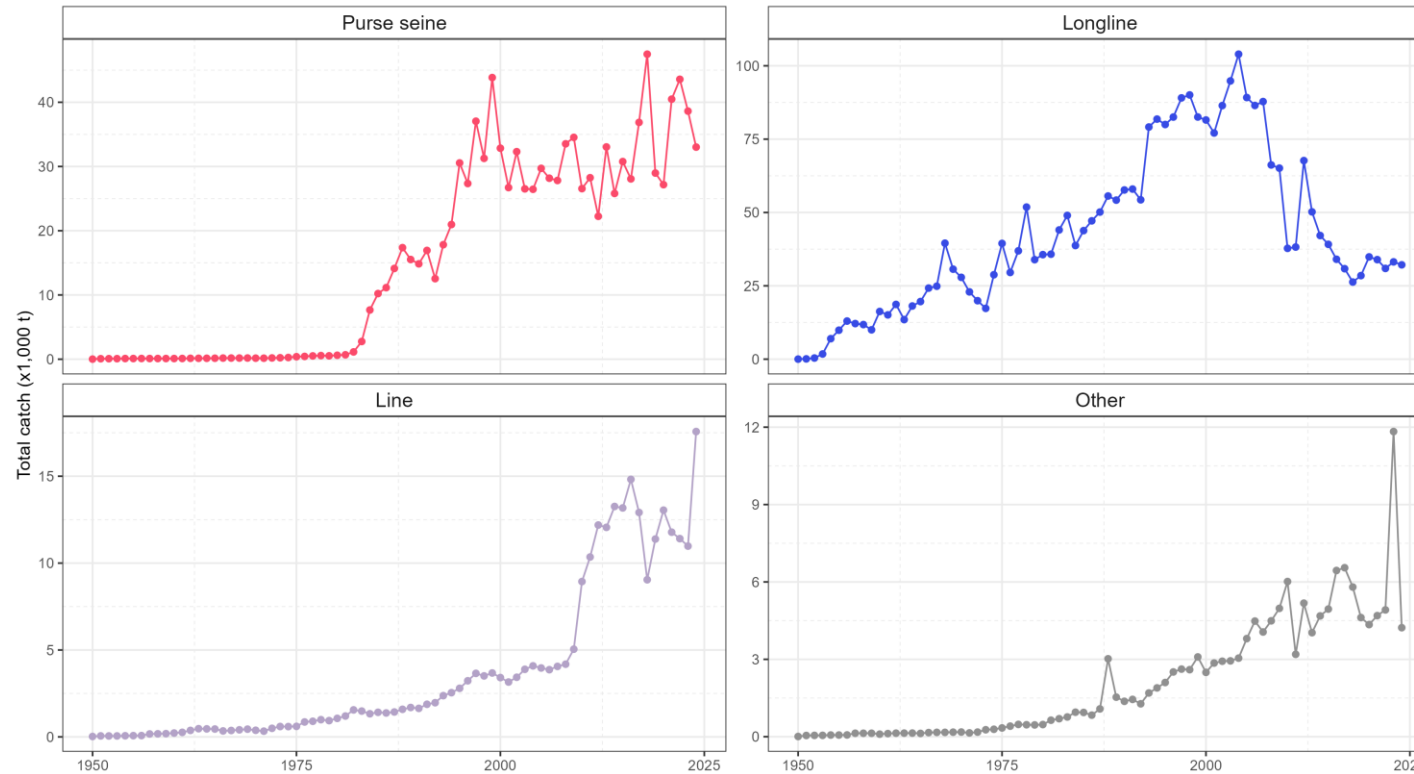
Annual retained catches (t) of bigeye tuna allocated to the stock assessment areas, 1950-2024

GLOBAL TRENDS IN BIGEYE TUNA CATCHES



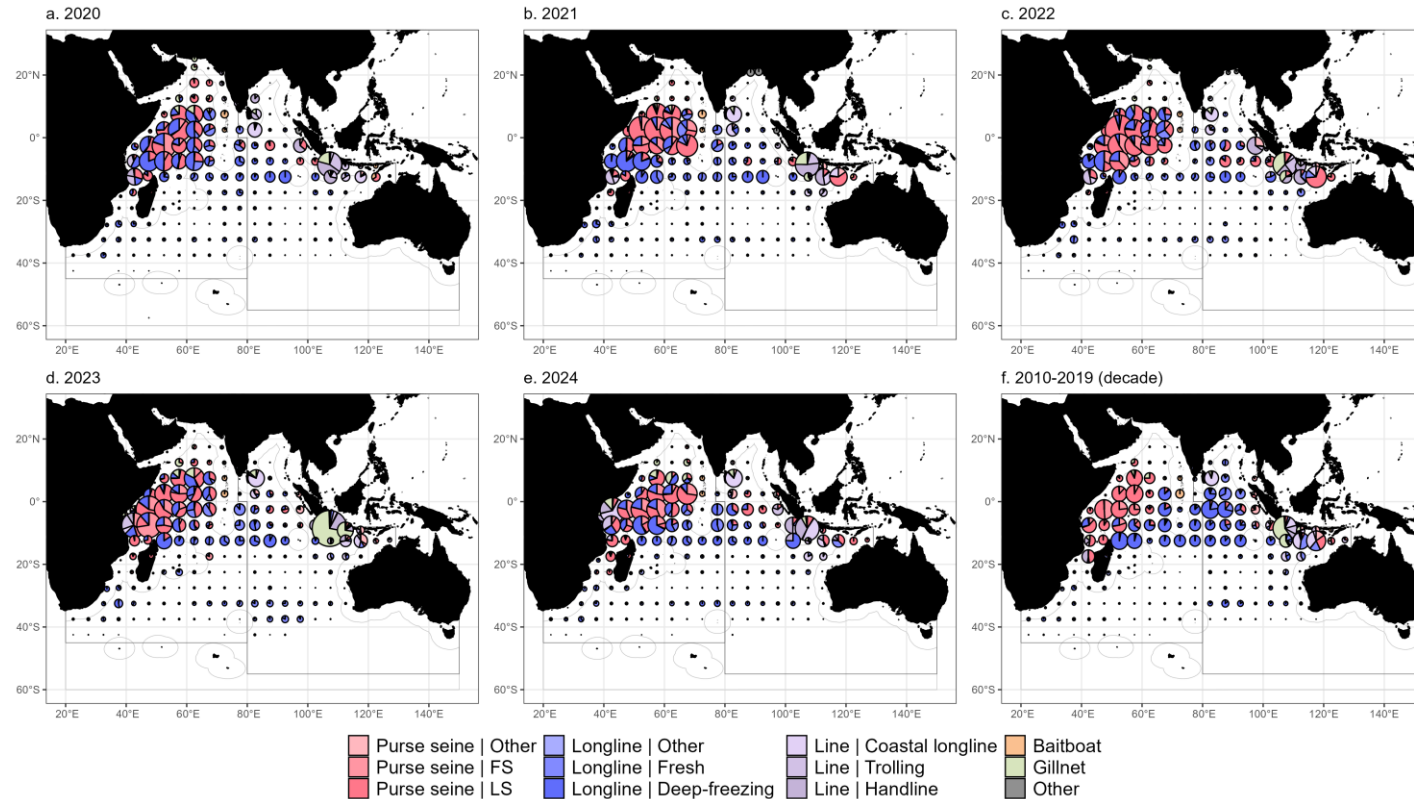
Annual cumulative retained catches (t) of bigeye tuna by fishery, 1950-2024

TRENDS IN BIGEYE TUNA BY FISHERY GROUP



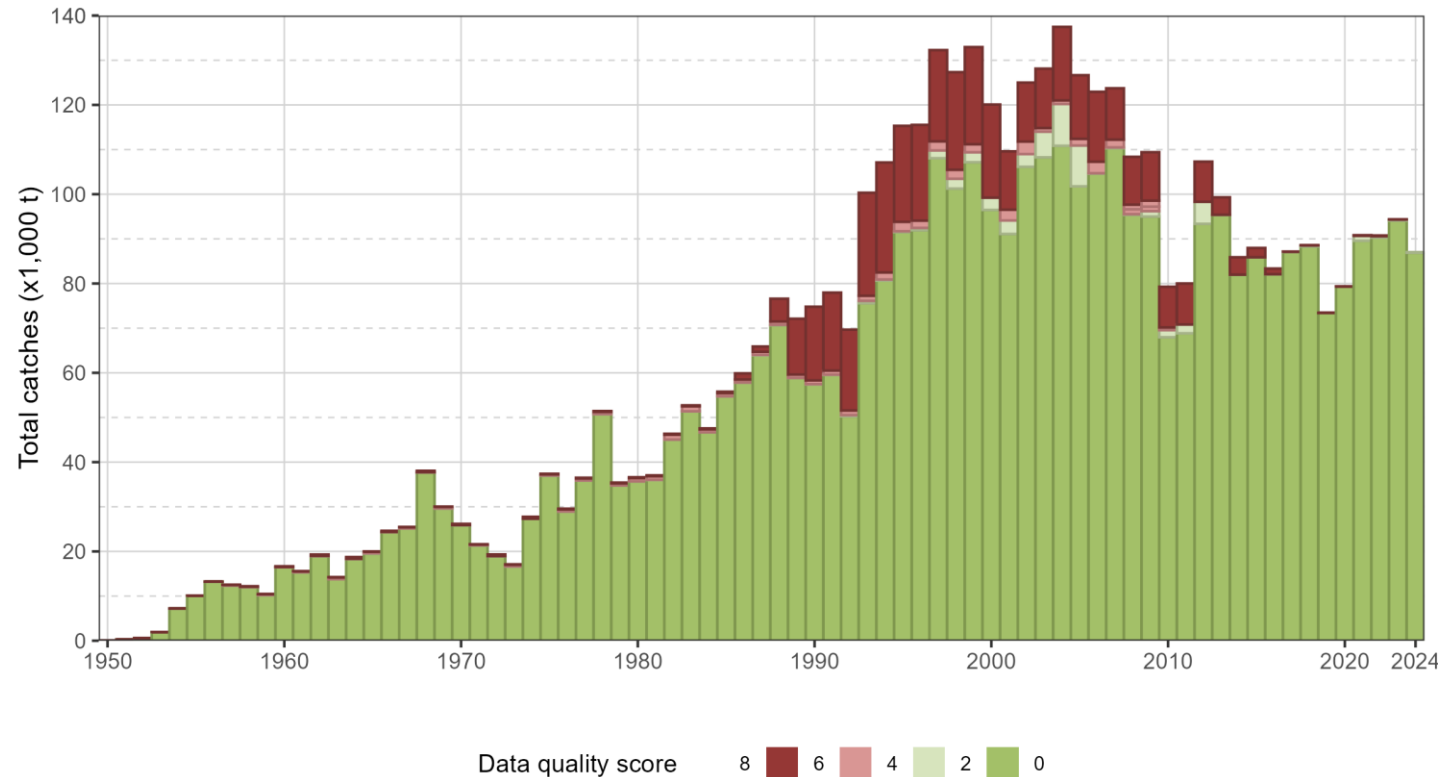
Annual retained catches (t) of bigeye tuna by fishery group, 1950-2024

DISTRIBUTION OF BIGEYE TUNA CATCHES



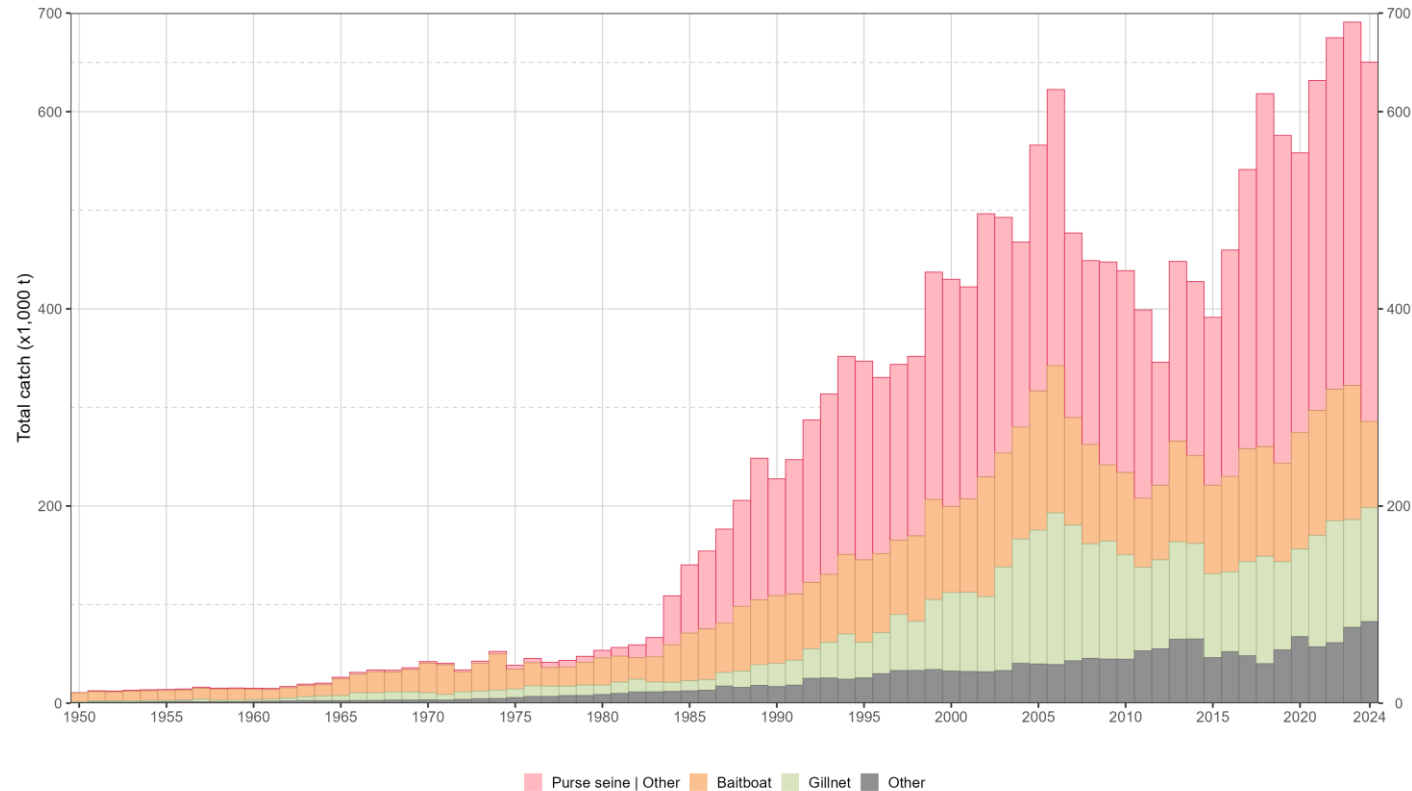
Time-area catches (t) of bigeye tuna by year, 5°x5° grid, and fishery, 2020-2024

REPORTING QUALITY FOR BIGEYE CATCH DATA



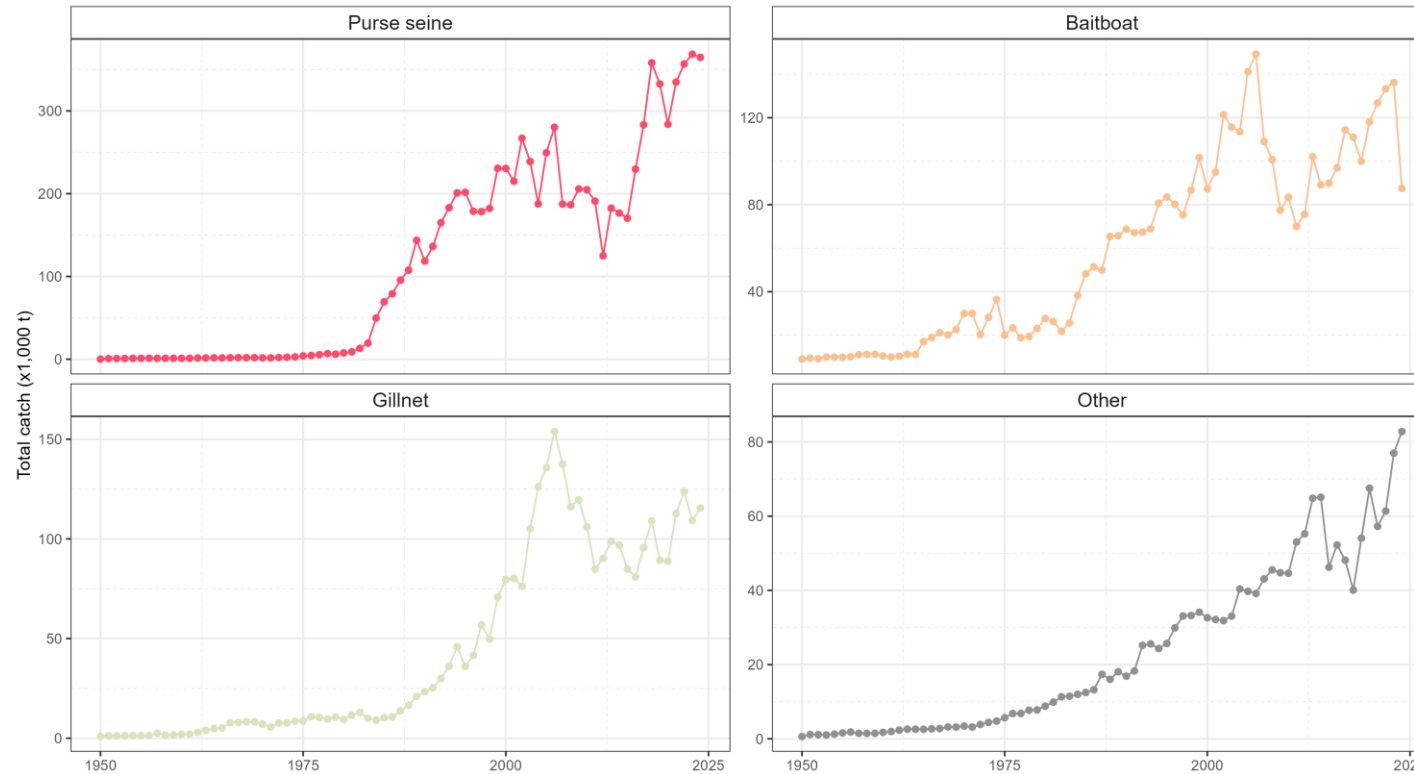
Annual cumulative retained catches (t) of bigeye tuna by reporting quality score, 1950-2024

GLOBAL TRENDS IN SKIPJACK TUNA CATCHES



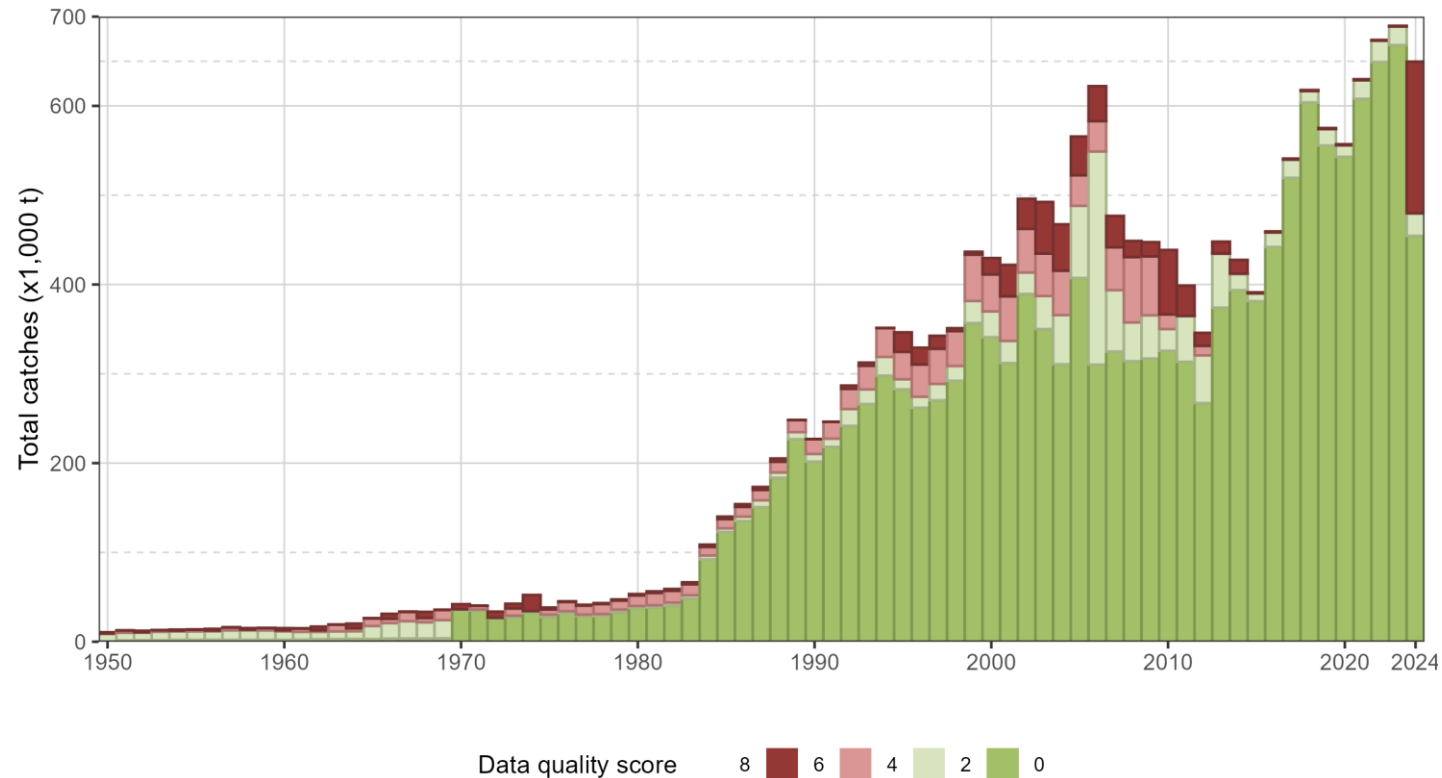
Annual cumulative retained catches (t) of skipjack tuna by fishery, 1950-2024

TRENDS IN SKIPJACK TUNA BY FISHERY GROUP



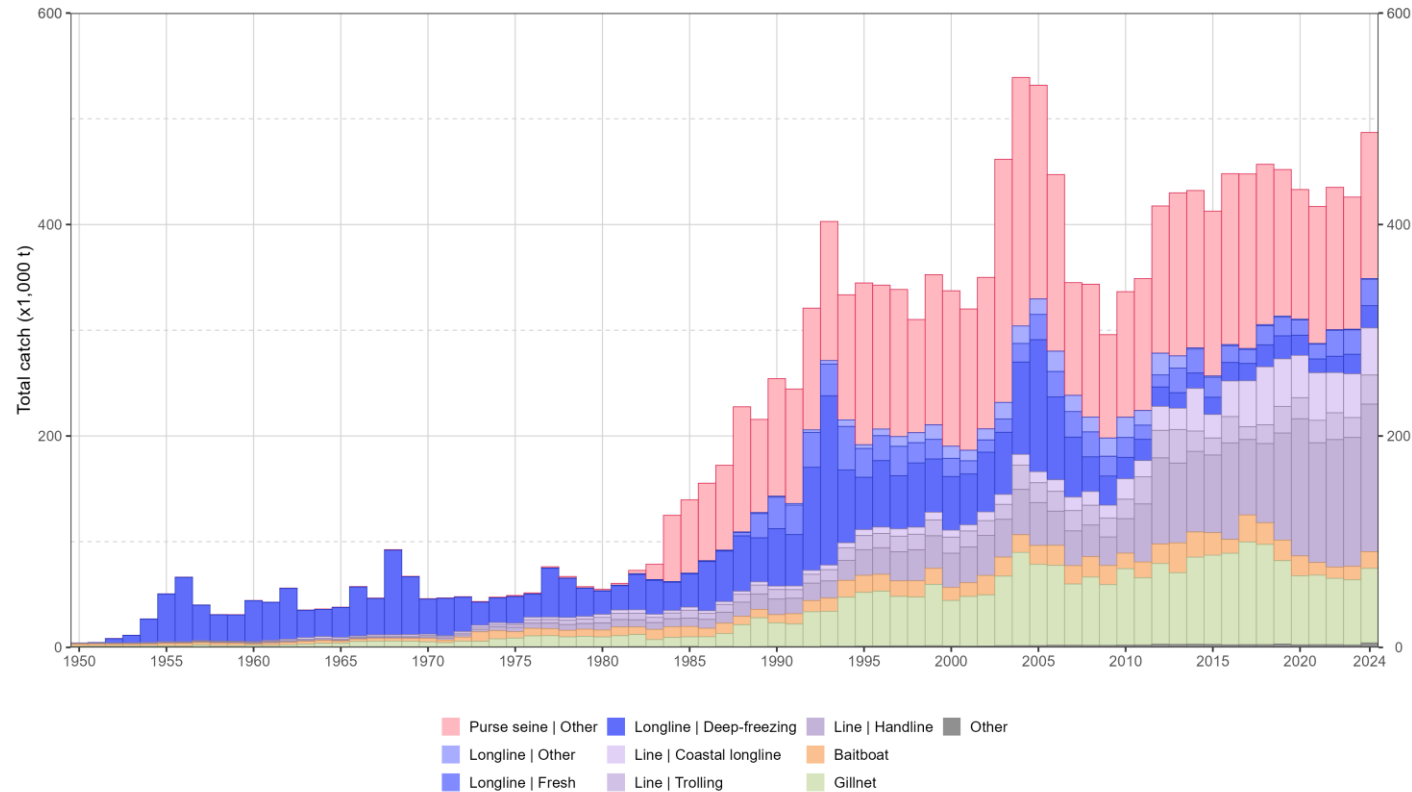
Annual retained catches (t) of skipjack tuna by fishery group, 1950-2024

REPORTING QUALITY FOR SKIPJACK CATCH DATA



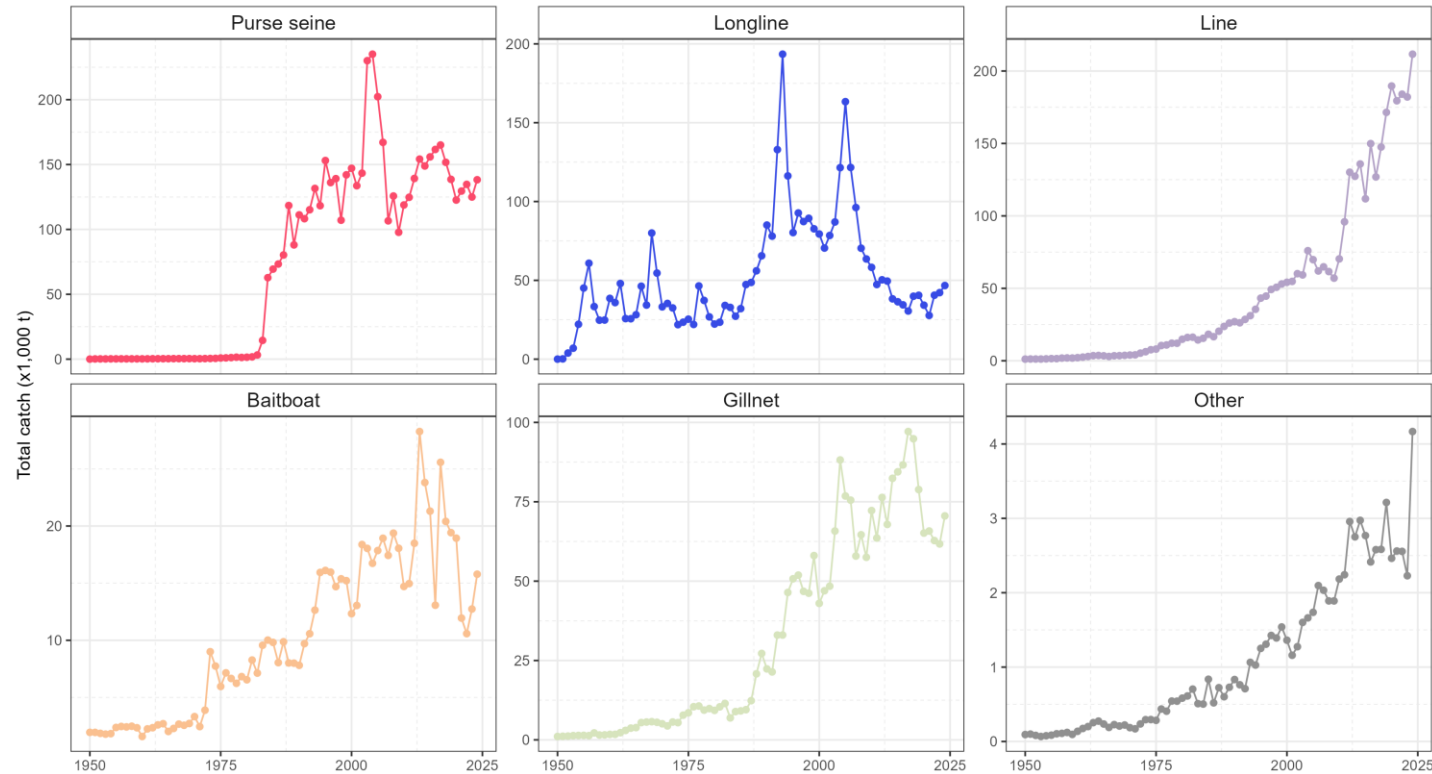
Annual cumulative retained catches (t) of skipjack tuna by reporting quality score, 1950-2024

GLOBAL TRENDS IN YELLOWFIN TUNA



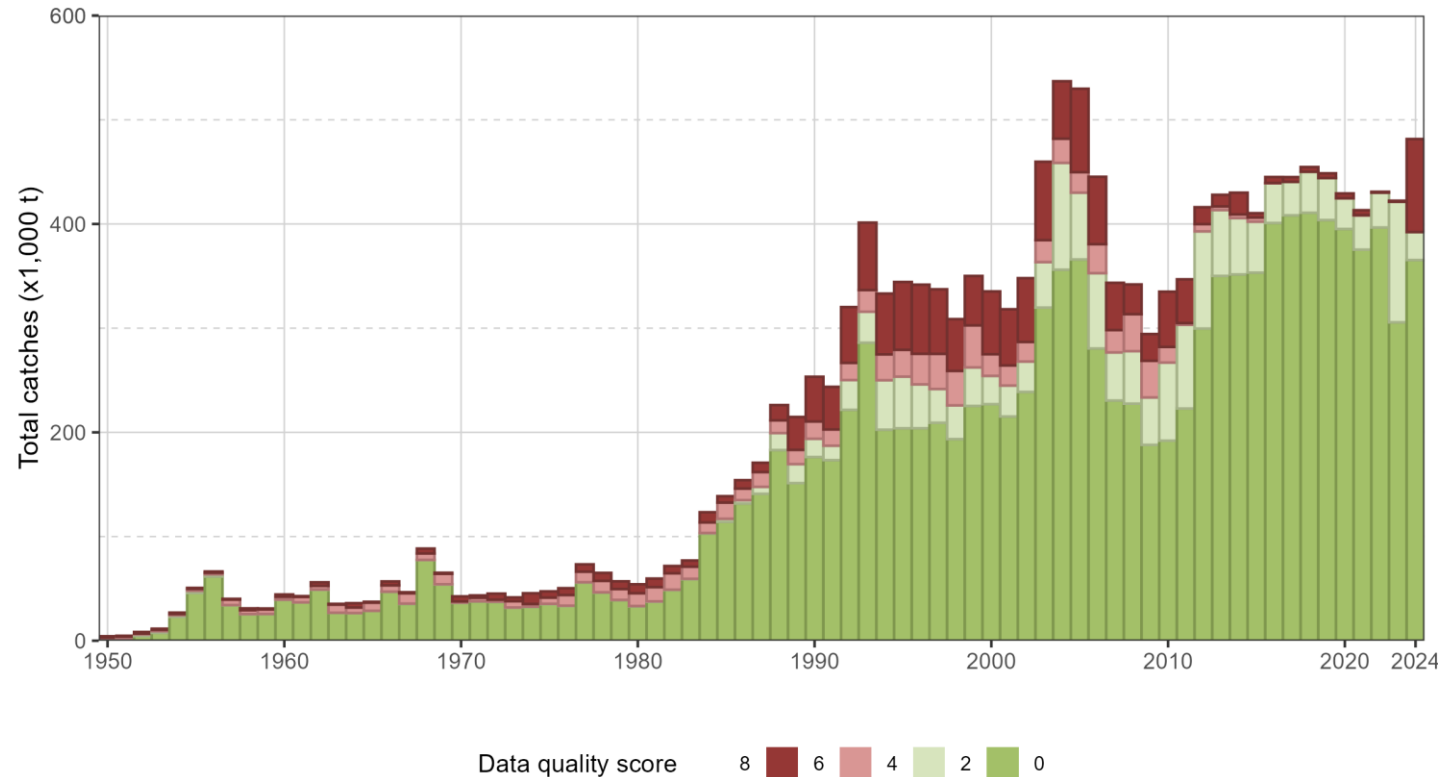
Annual cumulative retained catches (t) of yellowfin tuna by fishery, 1950-2024

TRENDS IN YELLOWFIN TUNA BY FISHERY GROUP



Annual retained catches (t) of yellowfin tuna by fishery group, 1950-2024

REPORTING QUALITY FOR YELLOWFIN CATCH DATA



Annual cumulative retained catches (t) of yellowfin tuna by reporting quality score, 1950-2024

CONCLUSIONS

- Overall good reporting quality for the year 2024 with regards to IOTC reporting standards and timeliness
- Decrease in catches for bigeye tuna to ~87,000 t in 2024
- Major catches of bigeye tuna reported for Indonesian gillnets for 2023
- Substantial decline in skipjack tuna caught in the Maldivian pole-and-line fishery
- Small increase in tropical tuna catch in 2024 due to yellowfin tuna