



# FishStat

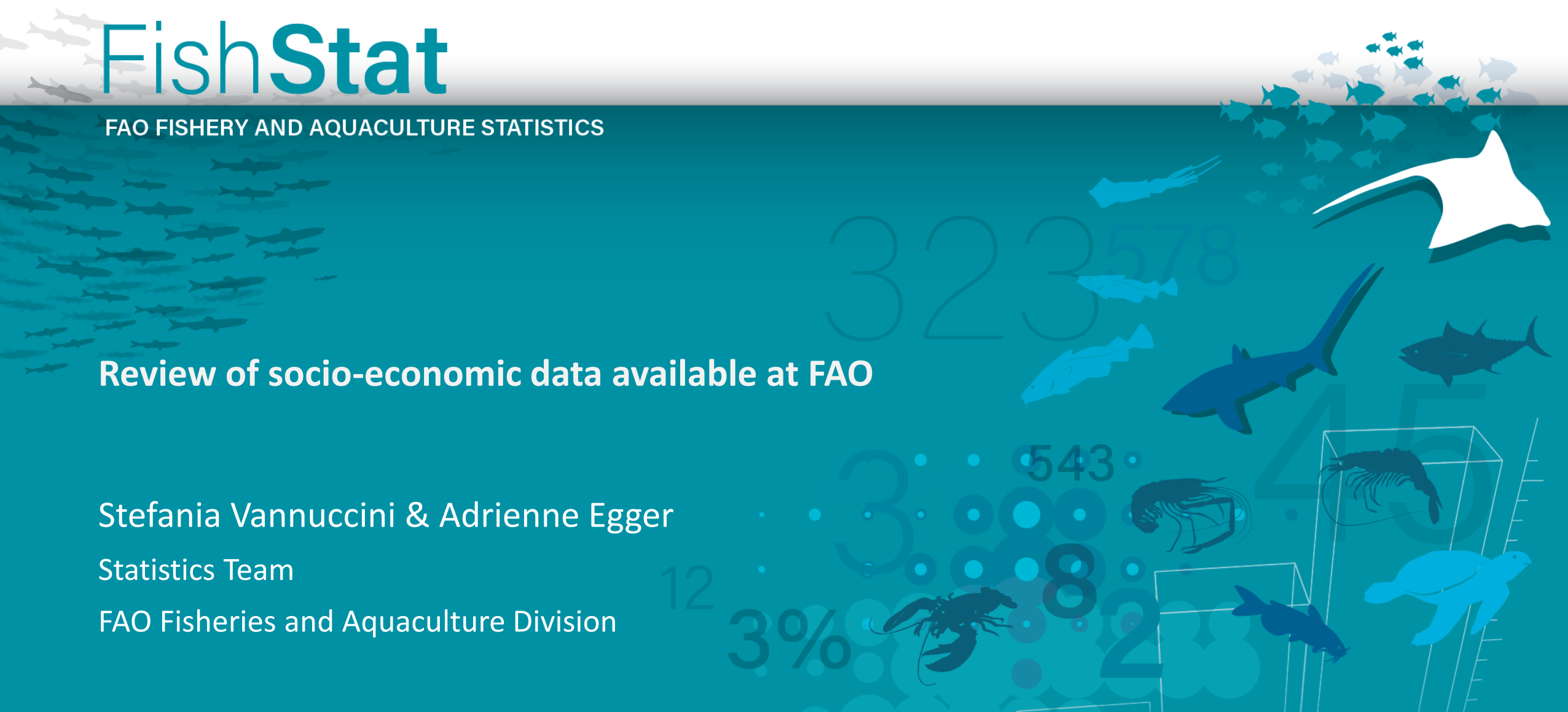
FAO FISHERY AND AQUACULTURE STATISTICS

## Review of socio-economic data available at FAO

Stefania Vannuccini & Adrienne Egger

Statistics Team

FAO Fisheries and Aquaculture Division



# FAO work in fisheries and aquaculture statistics

## Mission

To produce and provide access to global and regional statistics and analysis on the fisheries and aquaculture sector and to enhance the capacity of FAO members and partners on fishery and aquaculture statistics to better support evidence-based policy and science-based decision-making

## Mandate

### **Art. 1 FAO Constitution**

*1. The Organization shall collect, analyse, interpret and disseminate information relating to nutrition, food and agriculture. In this Constitution, the term "agriculture" and its derivatives include fisheries, marine products, forestry and primary forestry products (...)*

*3. It shall also be the function of the Organization: (a) to furnish such technical assistance as governments may request; (b) to organize, in cooperation with the governments concerned, such missions as may be needed to assist them to fulfil the obligation arising from their acceptance of the CONSTITUTION*

## Uniqueness

Since its foundation, FAO is the only source of global fisheries and aquaculture statistics, which represent a unique global asset for sector analysis and monitoring

# What's behind FAO fishery & aquaculture statistics

- Based primarily on official statistics from member countries, who have primary responsibility for data collection, through questionnaires, but also from other sources such as trade (from Comtrade/Eurostat) and regional fisheries bodies (tunas and tuna-like species)
- Complemented or replaced by data from other sources (e.g. RFMOs, Distant water fleets in EEZs, etc.) as per standards of the Coordinating Working Party on Fishery Statistics (CWP)
- FAO provides estimates in case of no reporting
- FAO data also depend upon the accuracy and reliability of the statistics collected nationally and provided to FAO
- FAO works with countries to revise their data when appropriate
- About 2/3 of the over 230 countries and territories included in the database are revised in every annual update

## GLOBAL

### Global capture fisheries production

- Quantity (Since 1950), in the future value as well

### Global aquaculture production

- Quantity (Since 1950), Value (Since 1984)

### Global fisheries and aquaculture production

- Quantity (Since 1950)

### Global utilization of production

- Quantity (Since 1961)

### Global aquatic trade

- Quantity and Value (Since 1976)

### Global aquatic processed production

- Quantity (Since 1976)

### Fishing Fleet

- Since 1950

### Employment

- Since 1970

### Consumption (incl. utilization)

- Since 1961

## REGIONAL

### Regional capture production

#### CECAF (Eastern Central Atlantic)

- Quantity (Since 1970)

#### Regional Commission for Fisheries (RECOFI)

- Quantity (Since 1986)

#### Southeast Atlantic (SEAFO)

- Quantity (Since 1975)

#### General Fisheries Commission for the Mediterranean (GFCM)

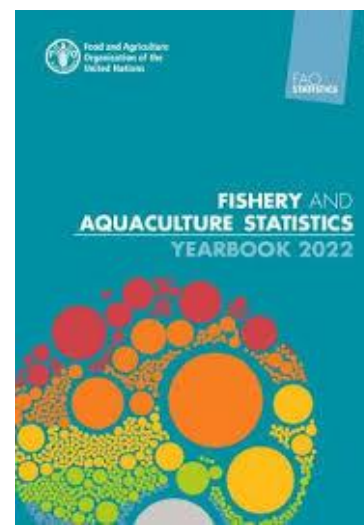
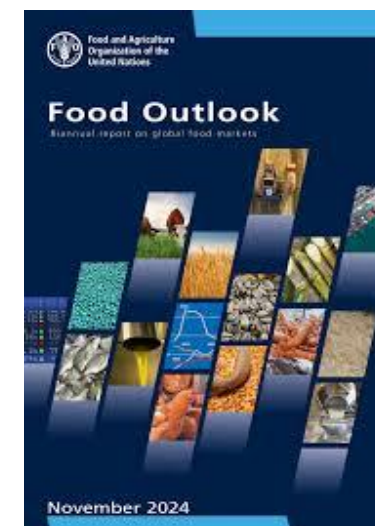
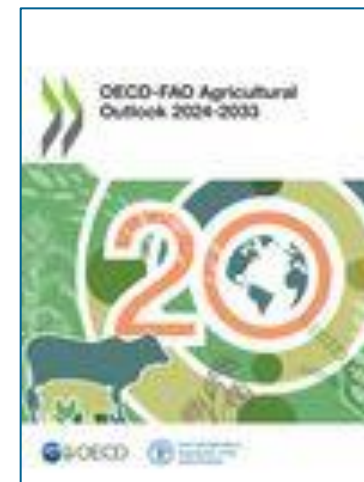
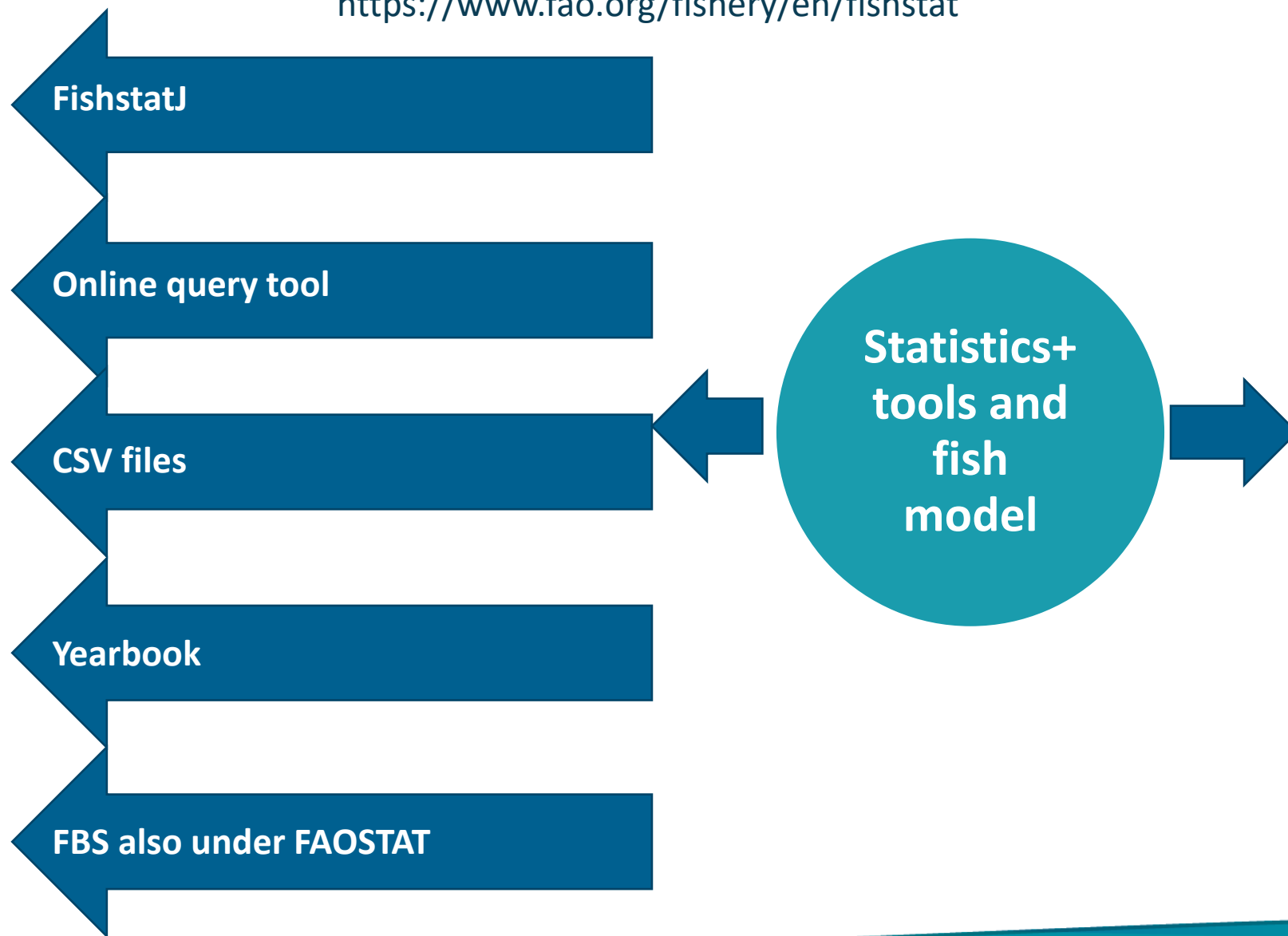
- Quantity (Since 1970)

### FAO Fish Price Index

# Dissemination

<https://www.fao.org/fishery/en/fishstat>

# Analysis



# Aquaculture production

Unit value of aquaculture species production  
for all countries – published

## Statistics by

- 208 countries, territories and areas
- Aquaculture production areas (= FAO Major Fishing Areas)
- Culture environments: 3 types of water (freshwater, brackish water and marine water)
- 731 species items (564 species + 7 hybrids + 160 species groups)
- Data coverage
  - Production quantity: from 1950
  - Fame-gate value: from 1984
- Unit: quantity: tonnes (live weight + wet weight for algae); value: USD 1 000 (nominal value)
- Production data (basic data) released in March
- Data collected through questionnaire FISHSTAT-NS-AQ & FISHSTAT-AQ (which includes also information on methods, farming systems)

# Global capture fisheries production

Unit value of capture species production for  
selected countries only - unpublished

## Statistics by:

- About **240 countries and territories** and **FAO major fishing areas**
- About **3 400 species items** including species, genus, family or higher levels of aggregation such as 'nei' (not elsewhere included) categories.
- Unit: quantity: tonnes (live weight+wet weight for algae), but numbers for whales, seals and crocodiles and kilograms for corals, pearls and sponges.
- Value: Unit value in national currency
- Yearly coverage from 1950
- Data are annually released in March
- Data are collected with FISHSTAT-NS1-9 questionnaires + Statlant



# Employment – primary sector - data

Not publicly available at detailed level

## Statistics by:

- About 220 countries, territories and areas
- Unit: number of people
- Divided by working domain, working status and sex
- Divided by inland, coastal fisheries, deep sea, other marine nei, aquaculture and subsistence
- Yearly coverage from 1970 (revision carried out from 1995)
- Database not publicly available at present. Aggregated data disseminated in FAO Yearbook of Fishery and Aquaculture Statistics and FAO SOFIA
- Data collected through questionnaire FISHSTAT-FM
- 53 countries collected jointly with the Organisation for Economic Co-operation and Development (OECD), also with **data on processors**



# Fishery fleet

Not publicly available at detailed level

## Statistics by:

- About 190 countries, territories and areas
- Number of vessels, tonnage (Gross Tonnage - GT), power (kilowatt - kW)
- Yearly coverage from 1950 (current revision from 1995)
- Categories by length, vessel type, motor, deck, zone of operation – if available
- Database not publicly available at present. Aggregated data disseminated in FAO Yearbook of Fishery and Aquaculture Statistics and SOFIA
- Data collected through questionnaire FISHSTAT-FF

# Trade of aquatic products

Unit value available for all countries  
From 2019 data, also statistics by trading  
partners

## Statistics by:

- About 220 countries, territories and areas
- About 1 100 commodities (species/product forms)
- Imports, exports, re-exports
- From 2019 data also statistics by trading partners available
- Yearly coverage and release from 1976 to 2022, but 2023 to be released soon
- Unit: quantity: tonnes (product weight); value: USD 1000.
- Data collated from Comtrade and Eurostat
- Usually released in June-July

# Utilization of fisheries and aquaculture production

Not publicly available at detailed level

## Statistics by:

- About 200 countries, territories and areas
- Eight different product forms, for food and non-food purposes
- Unit: quantity: tonnes (live weight)
- Yearly coverage from 1961
- Data not officially released, except estimates at world level, but crucial data for the calculation of food balance sheets (apparent consumption statistics) of aquatic animal products
- Data collected through questionnaire FISHSTAT-DNC

# Global processed production of aquatic products

Published, but only quantities

## Statistics by:

- About 150 countries, territories and areas
- About 900 commodities (species/product forms)
- Processed production (from raw material of domestic production and imports)
- Unit: quantity: tonnes (**product weight**)
- Yearly coverage from 1976
- Usually released in June-July
- Data on processed production collected through questionnaire FISHSTAT-FC1

# Consumption - FBS

Publicly available, with new nutritional data

- Apparent consumption of aquatic food products = amount of aquatic food available for apparent human consumption
- Differs from the concept of edible consumption
- Result of production (capture+aquaculture)-non-food uses-exports+imports +/- stocks= all in live weight equivalent for eight groups of species (freshwater&diadromous, demersal fish, pelagic fish, other marine fish, crustaceans, cephalopods, other molluscs, other aquatic animals)
- Data available also with additional nutrients than before, available in the FAO Food & Diet Domain in FAOSTAT



# FAO Fish Price Index

## Coverage

- From 1990
- Base period (2014-2016)
- Five species groups
  - Salmon
  - Tuna
  - Other pelagic fish
  - Whitefish
  - Shrimp

## Composition

### 15 prices

- Salmon (1 price)
- Tuna (3 prices)
- Other pelagic (2 prices)
- Whitefish (6 prices)
- Shrimp (3 prices)

# FAO Fish Price Index

## Type of prices

- Wholesale
- Auction
- Trade (Export/Import)

## Source

- INFOFISH
- INFOPESCA
- EUMOFA
- Statistics Norway
- Danish Fisheries Agency



# Fish price index webpage

## FAO Fish Price Index



The FAO Fish Price Index (FPI) tracks monthly changes in international prices of fisheries and aquaculture commodities, offering insights into global market trends since 1990.

It averages 15 price series across five key species groups—pelagic, salmon, shrimp, tuna, and whitefish—weighted by export values from the base period 2014-2016.

Last update: 13 March 2025

### Latest trends: FAO Fish Price Index down in February 2025, driven by lower salmon and shrimp prices

The FAO Fish Price Index averaged 115.5 points in February 2025, reflecting a 3.9 percent decrease compared to January 2025. This decrease was primarily driven by a significant drop in salmon prices (-15 percent), and a decline in shrimp prices (-2.6 percent), marking the first decline in shrimp prices after a nearly continuous rise since January 2024. However, these declines were partially offset by increases in tuna prices (+9.2 percent), pelagic (excluding tuna) prices (+2.2 percent), and whitefish prices (+2.0 percent).

Year-over-year, the index was down 3.0 percent compared to February 2024. Among species groups, shrimp prices surged by 13 percent, pelagic species (excluding tuna) rose by 12 percent, and whitefish prices increased by 4.3 percent compared to February 2024. In contrast, salmon prices fell by 19 percent while tuna prices decreased by 1.4 percent over the same period.

Looking at annual trends, the FAO Fish Price Index reached a record high of 119 points in 2022 before gradually declining in 2023 to an annual average of 117 points. In 2024, it averaged 114 points, with a rebound towards the end. The index averaged 118 points in the first two months of 2025.

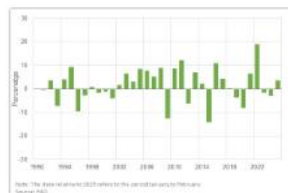
<https://www.fao.org/fishery/en/fishstat/fishpriceindex>

## Highlights



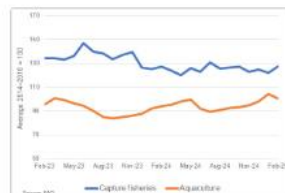
FAO Fish Price Index  
(nominal terms - monthly series)

Expand the graph >



Annual changes in the FAO Fish  
Price Index  
(nominal terms - annual series)

Expand the graph >

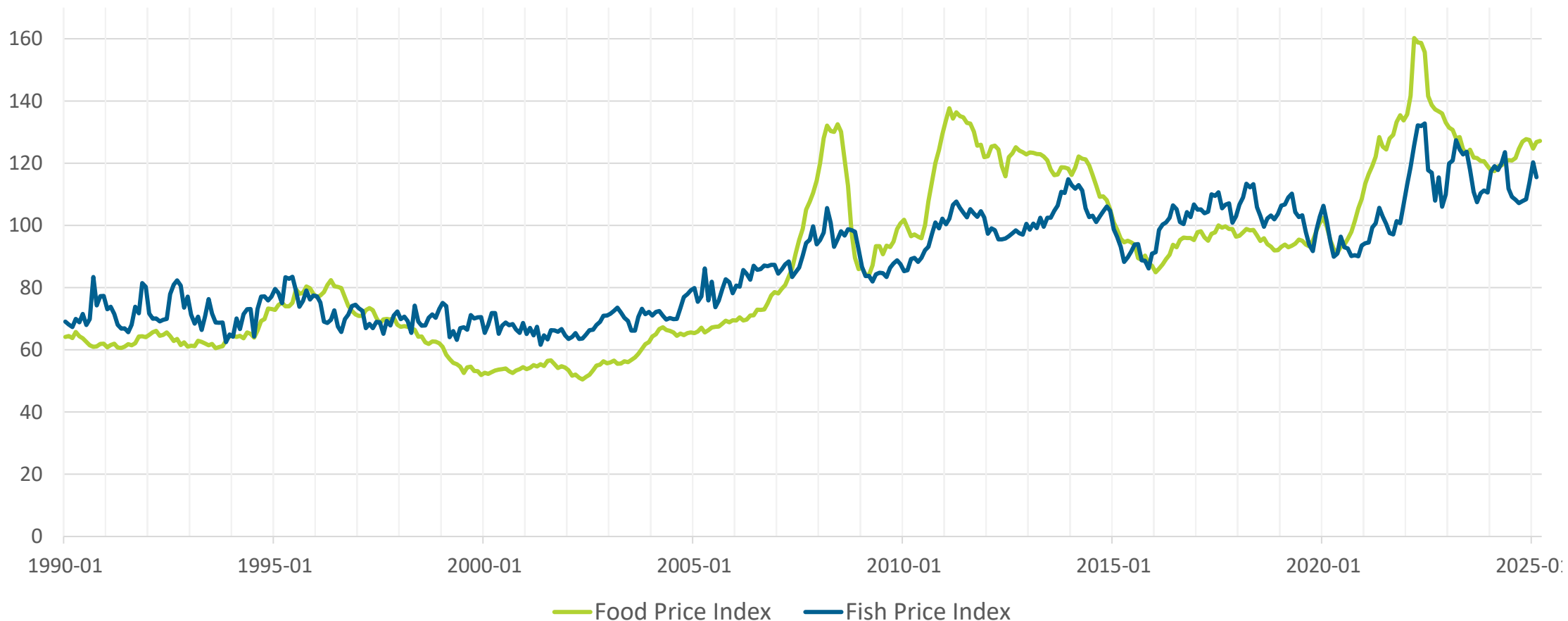


FAO Capture Fisheries and  
Aquaculture Commodity Price  
Sub-Indices  
(nominal terms - monthly series)

Expand the graph >

# FAO Food and Fish Price Indices

FAO Food and Fish Prices Indices (2014-16=100)

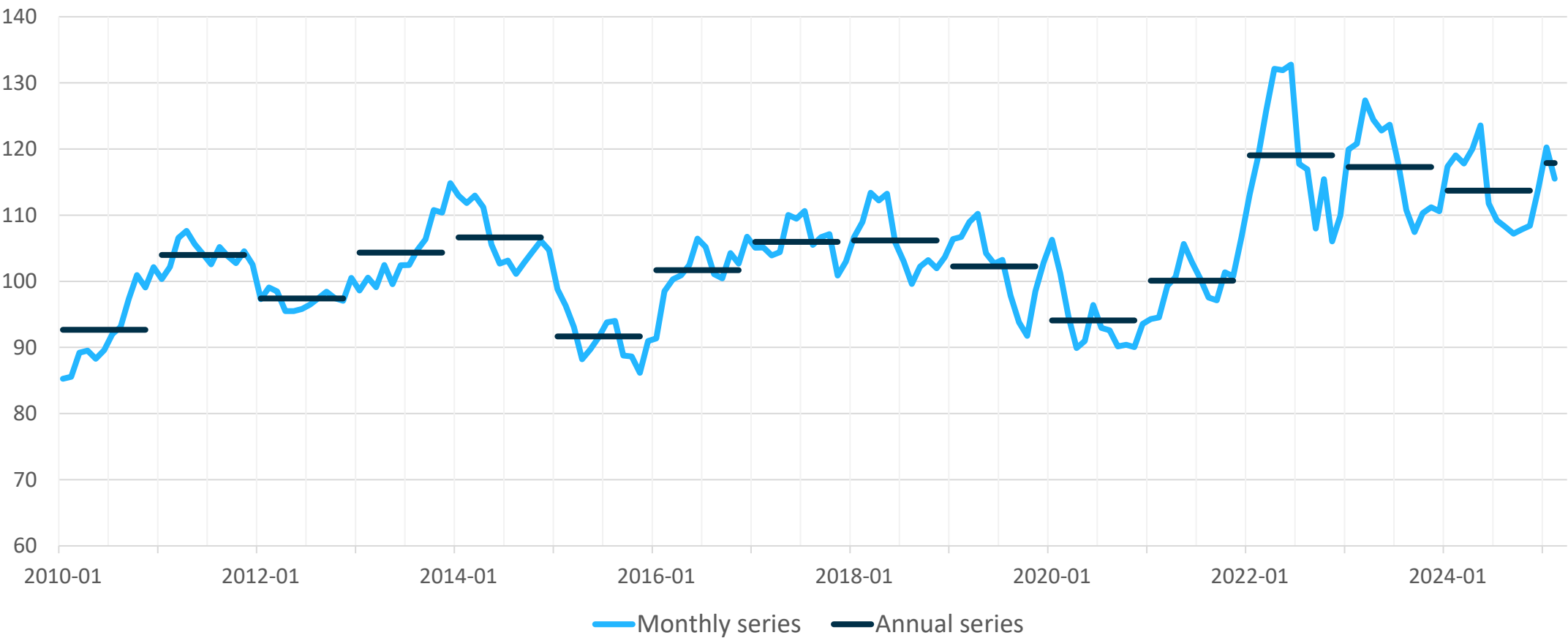


Source: FAO.



# FAO Fish Price Index

FAO Fish Prices Index (2014-16=100) – Monthly and Annual series

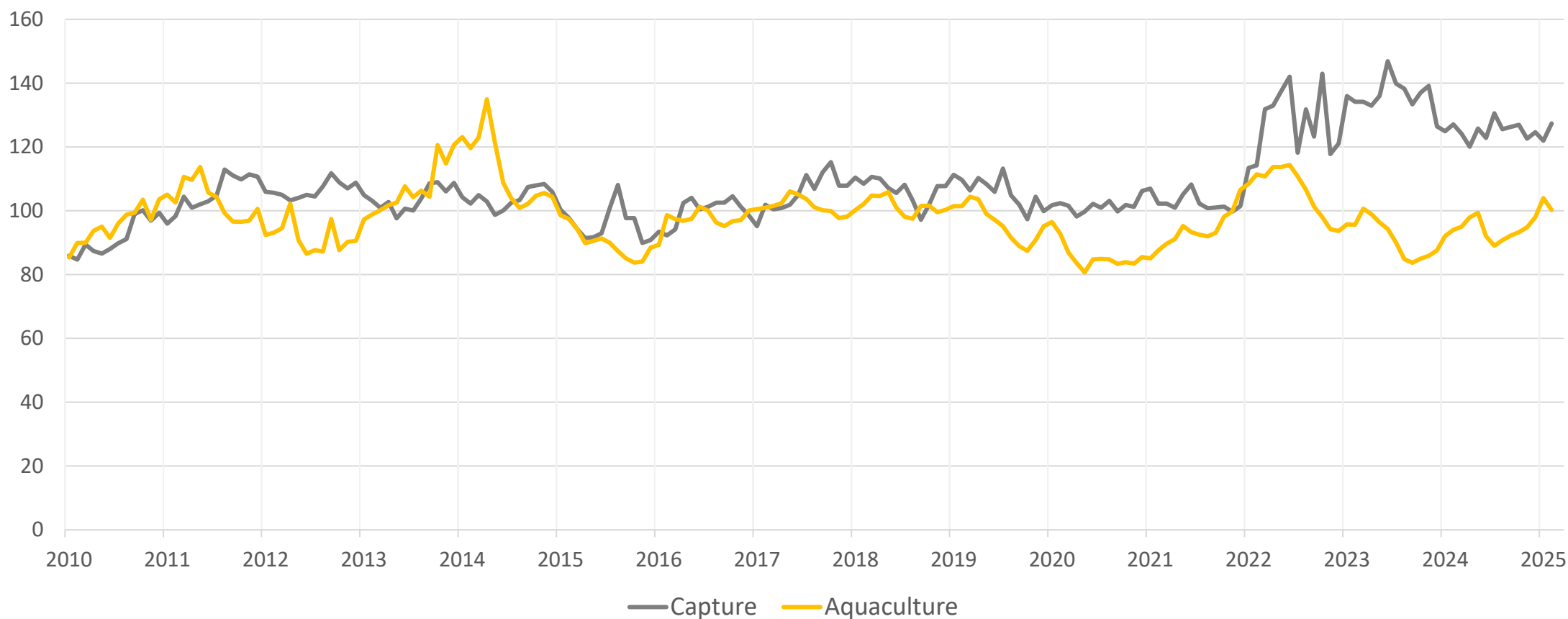


Source: FAO.

Source of the raw data for the FAO Fish Price Index: EUMOFA, INFOFISH, INFOPESCA, Statistics Norway, Danish Fisheries Agency.

# Capture and aquaculture sub-indices

FAO Capture and Aquaculture sub-price indices (2014-16=100)

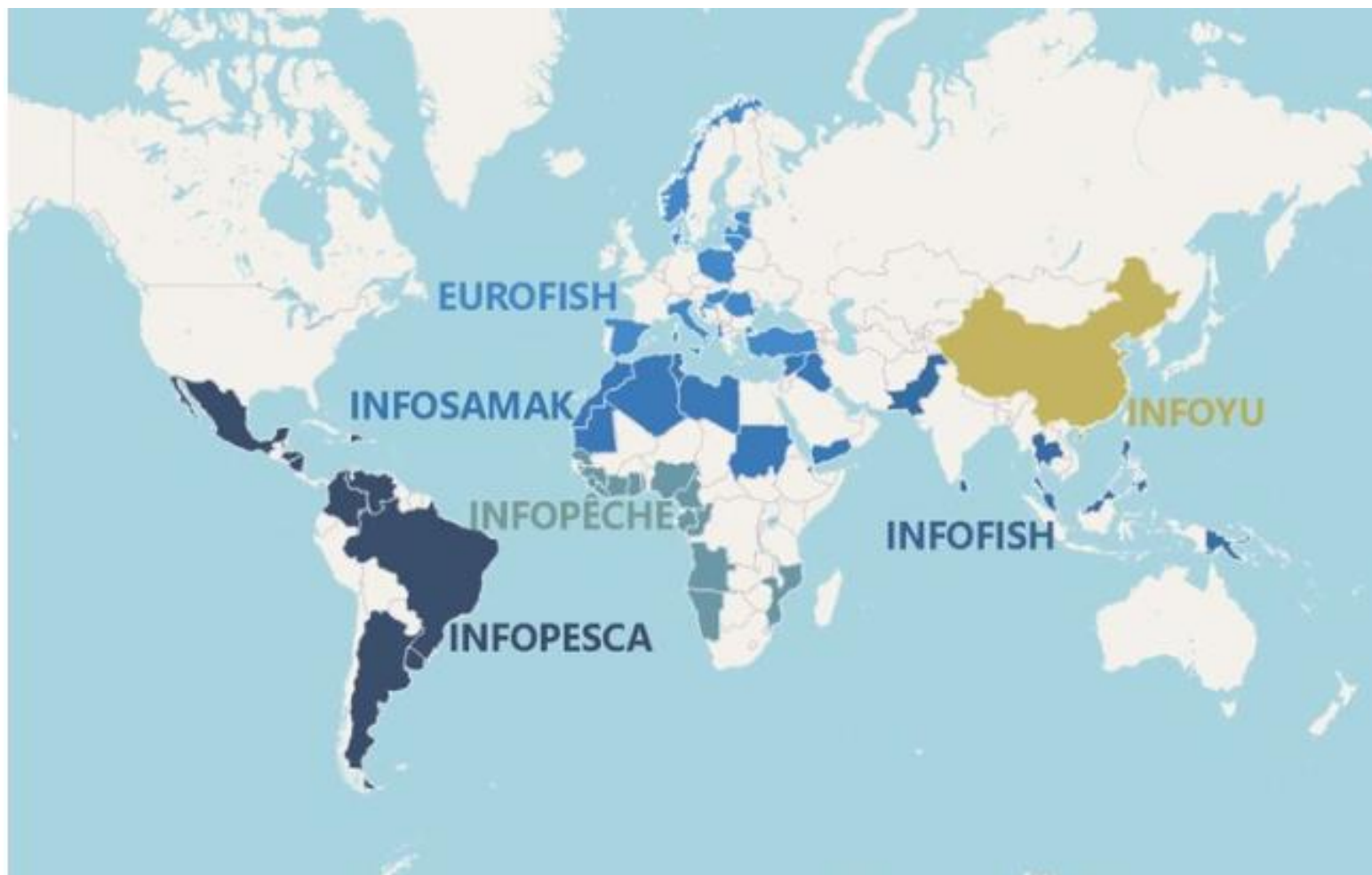


Source: FAO.

Source of the raw data for the FAO Fish Price Index: EUMOFA, INFOFISH, INFOPECA, Statistics Norway, Danish Fisheries Agency.

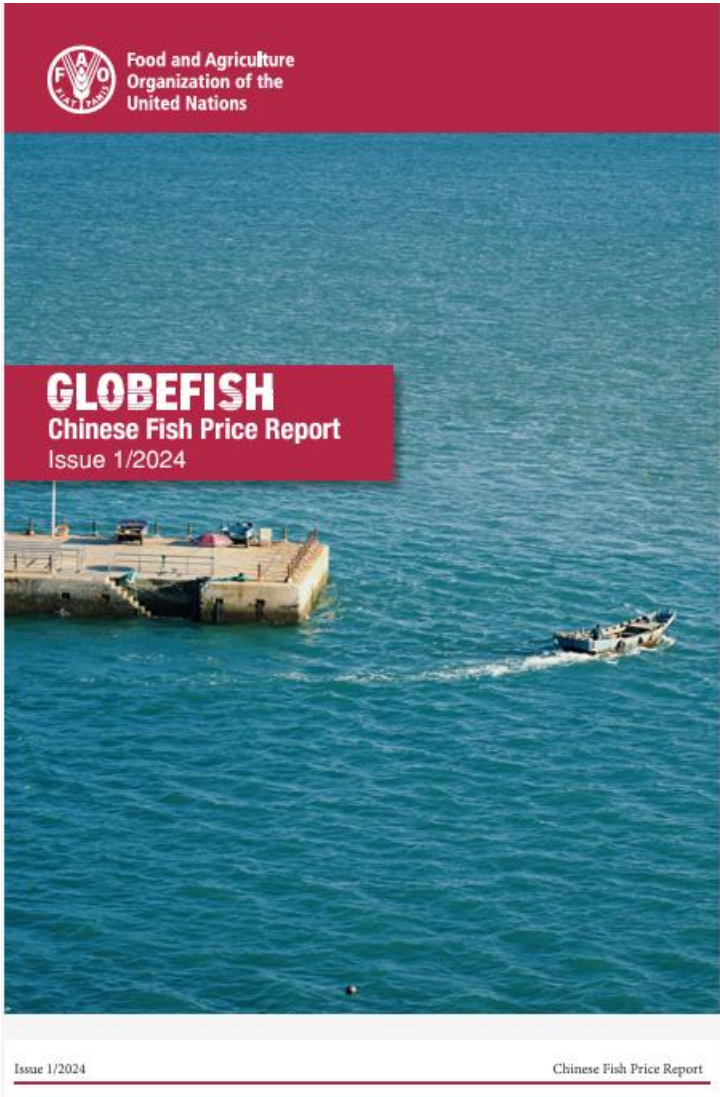
# GLOBEFISH : FISHINFO Network (FIN)

**GLOBEFISH and FISH  
INFO Network (FIN)  
facilitate trade and  
market analysis**





# GLOBEFISH : Chinese fish price report



Issue 1/2024

Chinese Fish Price Report

## Popular dishes for Lunar New Year-Observations from the field

The types of dishes served during the New Year's Eve reunion dinner in China vary from area to area, in line with taste preferences which have evolved over time. However, seafood remains a staple on the dinner table during this occasion.

The most popular aquatic dishes served involve common carp, crucian carp, whiteleg shrimp, crab and lobster. They may be served in a great variety of ways, from braised, steamed, pan-fried, stir-fried, grilled, made into soup and so on. In the northern areas, people may choose steamed fish, pickled fish, pan-fried fish buns and boiled fish as aquatic dishes; while in the south, the dishes are more flavorful such as garlic fish, chopped fish, chilli stir-fried and pickled fish, salted fish, and also sweet and sour fish chunks. Another popular dish in the southern area is fish (usually crucian carp) and tofu soup.

There is a Chinese proverb, "*Nian nian you yu*", which serves as an auspicious saying for the Chinese Lunar New Year, meaning to "gain tremendously" (both in the physical and mental sense) every year. As "*yu*" is homophonic with the word "fish", Chinese consumers are in favour of choosing fish as one of the important ingredients for the New Year's Eve reunion dinner, for it has great symbolic meaning, including riches and great fortune. In addition, with living standards having improved in recent years, Chinese consumers are more likely to eat healthier, more nutritious and diversified food as part of their reunion meals during the festival. A field survey in 2024 shows how different regions enjoy seafood.



- Pan-fried shrimp
- Steamed fish
- Garlic abalone

**Prices:**

- On 9th February before New Year's Eve: Large oyster RMB 7/pc (USD 0.97/pc), medium oyster RMB 4.3/pc (USD 0.63/pc), small oyster RMB 2.51/pc (USD 0.35/pc), open-out large pond grouper RMB 40/catty (USD 5.56/catty), cod and RMB 35/catty (USD 4.86/catty).
- On 14th February after New Year's Eve: Big oyster RMB 7/pc (USD 0.97/pc), long position grouper RMB 35/catty (USD 4.86/catty), meat clam RMB 28/catty (USD 4.06/catty), small RMB 40/catty (USD 5.56/catty).
- Price changes: The overall changes in aquatic products prices are not significant; however, the prices of individual aquatic products have declined, such as longneck grouper, for which the price fell from RMB 40/catty to RMB 35/catty.

➤ Guangzhou City, Guangdong Province



- Pan-fried fish bread
- Garlic crayfish
- Steamed seabass

Prices of fish products (unit: CNY/catty)

Fish products	Shrimp	Crab	Clayfish	Crucian carp	Black carp	Carp	Sea bream	Loach
On 9th February before New Year's Eve	8.5	13.8	14.8	6.48	11.9	17.8	16.0	8.5
On 14th February after New Year's Eve	7.8	13.8	12.8	6.0	11.9	16.5	7.5	8.0

**Price changes:** The changes in aquatic products prices are not significant. But it can be seen that the prices for all fish products has decreased immediately after the New Year's Eve, with carp falling from RMB 16/catty (USD 2.19/catty) to RMB 7.5/catty (USD 1.04/catty), and loach from RMB 20.5/catty (USD 2.85/catty) to RMB 15.0/catty (USD 2.06/catty).

➤ Ganzhou City, Jiangxi Province



- Braised chub
- Salted fish
- Kipperd shrimp

Prices of fish products (unit: CNY/catty)

Fish products	Shrimp	Crab	Clayfish	Crucian carp	Black carp	Carp	Sea bream	Loach
On 9th February before New Year's Eve	17.0	11.0	6.5	6.5	8.0	15.0	15.0	10.0
On 14th February after New Year's Eve	17.0	11.0	6.4	6.0	8.0	15.0	15.0	10.0

**Price changes:** The chart shows that some prices of fish products remain the same after New Year's Eve. For instance, the price of striped bass and of perch. However, there was a slight increase in some cases, such as in the price of kippered shrimp which increased from RMB 16.0/catty to RMB 17.0/catty.

➤ Taizhou City, Jiangsu Province

# GLOBEFISH : European price report





# GLOBEFISH European Price Dashboard

[Home](#) > [Price dashboard](#)

## FAO GLOBEFISH

Information and Analysis on Markets and Trade of Fisheries and Aquaculture Products

[Home](#) [About](#) [Markets & Trade](#) [Country briefs](#) [Species Analysis](#) **[Price dashboard](#)** [Publications](#) [News & Events](#) [Get involved](#)

## European Price Dashboard

The GLOBEFISH Price Dashboard provides **weekly prices** for more than 350 fisheries products across the European market. Updated every Monday, it consolidates prices from numerous first-sale sites and wholesalers into a single, interactive interface. It provides a dynamic tool in facing the challenges of monitoring real-time data and making information accessible to end-users.

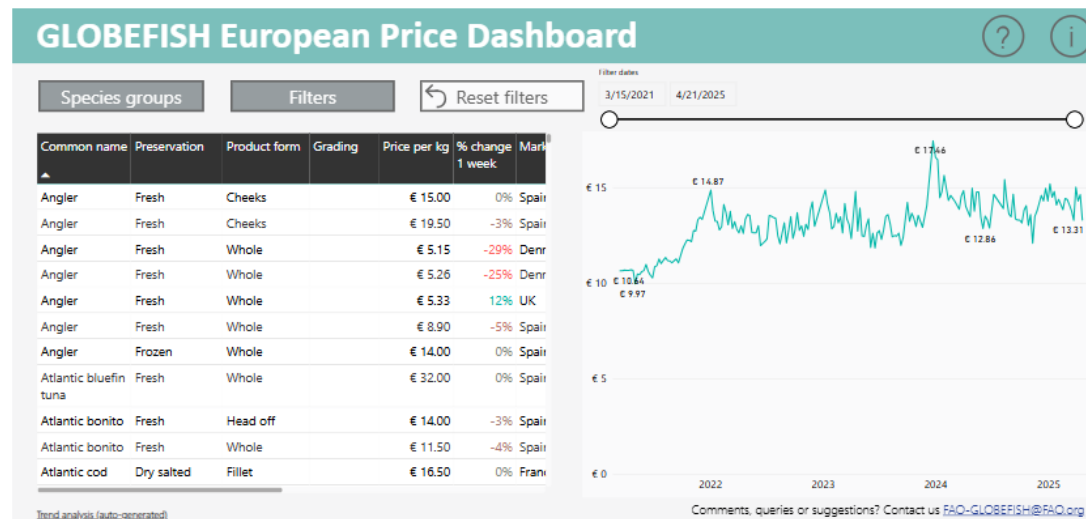
Users can utilize the filter function to explore the data by species groups, common and scientific name, product form, preservation or grading, market and origin, amongst others.

[GLOBEFISH - YouTube](#)

[Video tutorial on the Price Dashboard](#)

[Download the GLOBEFISH Price Dashboard quick start guide](#)

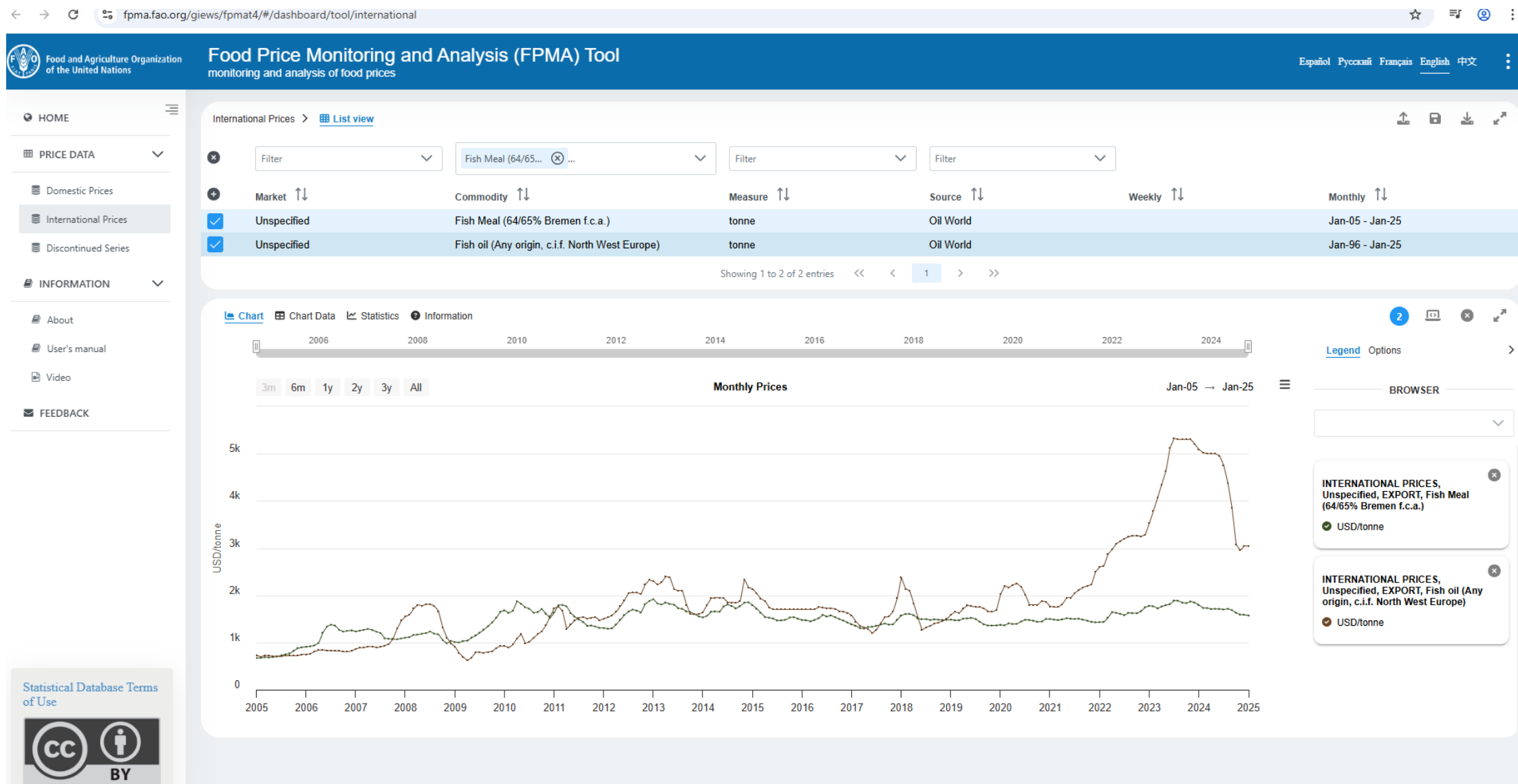
[FAO Fish Price Index \(FPI\)](#)



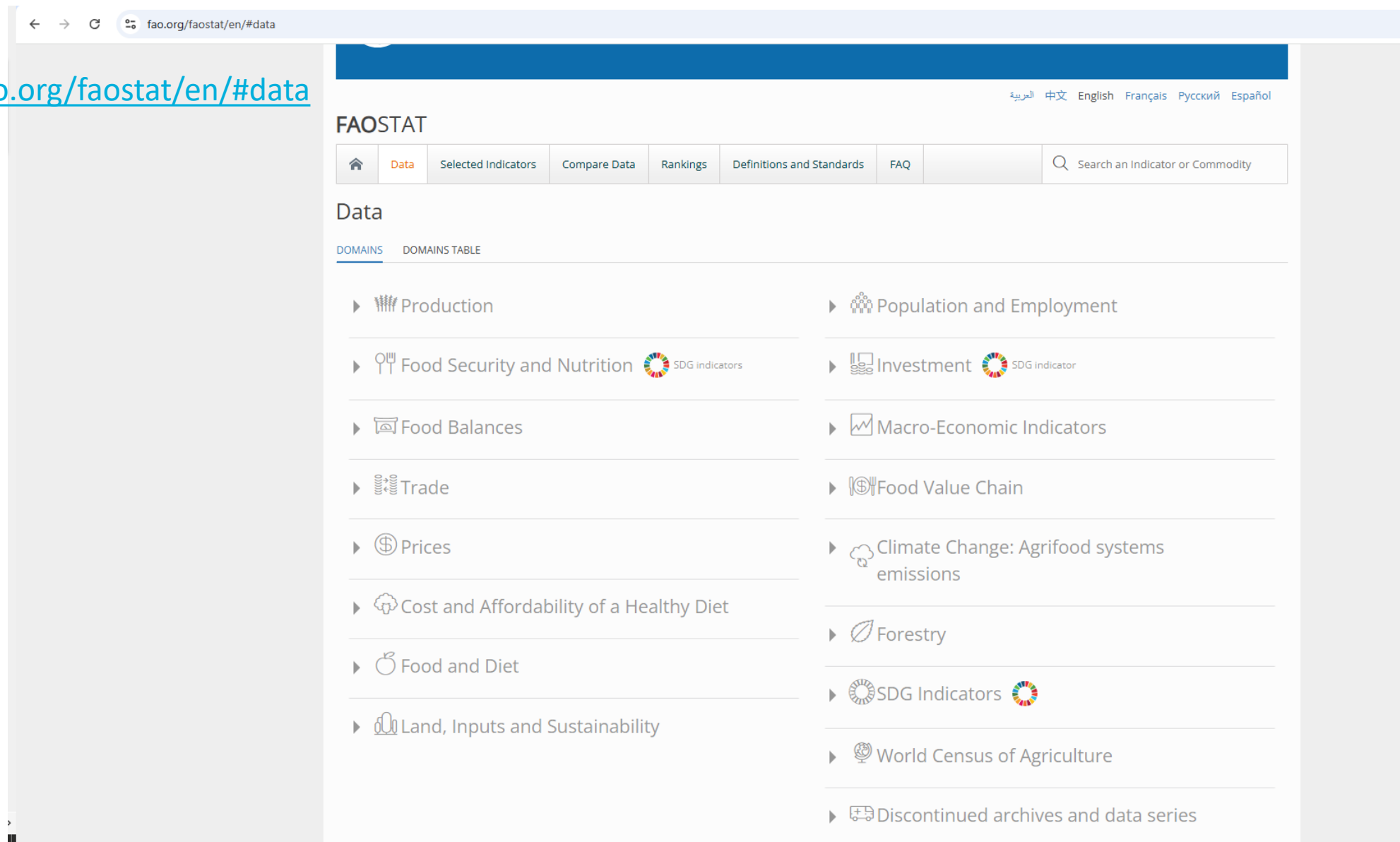
# Food Price Monitoring and Analysis (FPMA) tool

For Fish meal and fish oil prices

<https://fpma.fao.org/giews/fpmat4/#/dashboard/tool/international>



<https://www.fao.org/faostat/en/#data>



The screenshot shows the FAOSTAT website interface. At the top, there's a navigation bar with the FAO logo and the text 'Food and Agriculture Organization of the United Nations'. The main header 'FAOSTAT' is prominently displayed. Below it, a horizontal menu contains links: Home, Data (highlighted), Selected Indicators, Compare Data, Rankings, Definitions and Standards, and FAQ. A search bar is also present on the right side of this menu.

The 'Data' section is active, showing a list of domains under the heading 'DOMAINS TABLE'. The domains are organized into two columns:

- Left Column:**
  - Production
  - Food Security and Nutrition (SDG indicators)
  - Food Balances
  - Trade
  - Prices
  - Cost and Affordability of a Healthy Diet
  - Food and Diet
  - Land, Inputs and Sustainability
- Right Column:**
  - Population and Employment
  - Investment (SDG indicator)
  - Macro-Economic Indicators
  - Food Value Chain
  - Climate Change: Agrifood systems emissions
  - Forestry
  - SDG Indicators
  - World Census of Agriculture
  - Discontinued archives and data series

# Illuminating Hidden Harvests

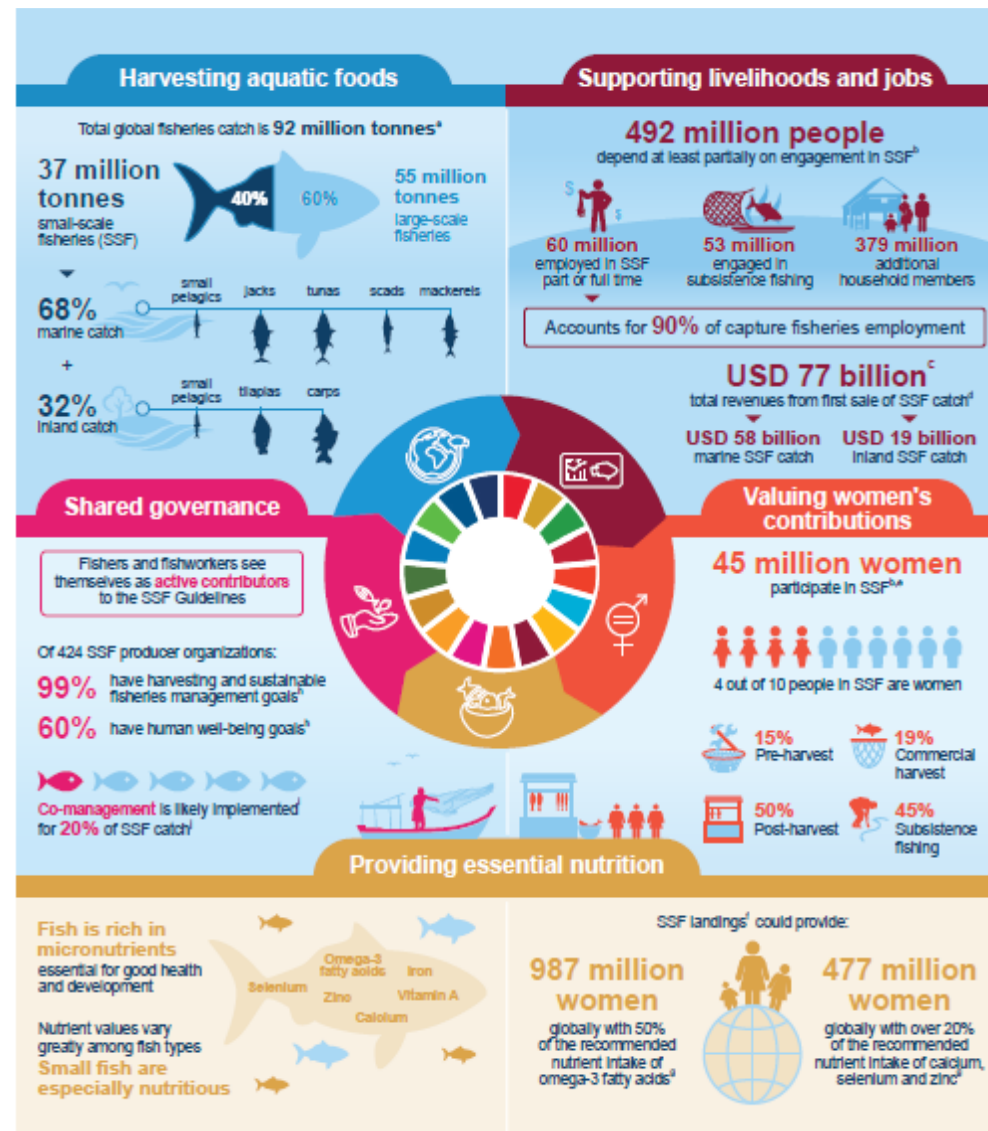
<https://www.fao.org/voluntary-guidelines-small-scale-fisheries/ihh/en>

## Illuminating Hidden Harvests

The contributions of small-scale fisheries to sustainable Development.

Collection from case studies utilizing secondary data+surveys.

Data mainly covering 2013-2017





Food and Agriculture  
Organization of the  
United Nations

Thank you ▪ Merci  
Благодарю ▪ ¡Muchas gracias!  
شكرا ▪ 謝謝

✉ [Fish-Statistics-Inquiries@fao.org](mailto:Fish-Statistics-Inquiries@fao.org)

<https://www.fao.org/fishery/en/fishstat>

