



FISHERIES AND RESOURCES MONITORING SYSTEM

- Background
- Data coverage
- Concepts & Definitions
- Tools
- Resources



Mission



The primary aim of the Fisheries and Resources Monitoring System (FIRMS) is to provide access to a wide range of high-quality information on the global monitoring and management of fishery marine resources.

The Fisheries Resources Monitoring System (FIRMS) provides decision-makers and others with high-quality, authoritative information on global marine fisheries resources. This information provides them the means to develop informed fisheries and marine resource policies in accordance with the Code of Conduct for Responsible Fisheries.

What does FIRMS offer?

FIRMS information is presented in synthesized "Fact Sheets" and "State of Resources Summaries" in a common format that makes information of interest to be easily located for any resource in the inventory. In this way, FIRMS contains a unique and comprehensive vision of the current state of the world's international fisheries.

[FIRMS Marine Resource Inventory](#)

FIRMS system is part of the Fisheries Global Information System (FIGIS). Information provided by the partners is organized in a database and published in the form of fact sheets. This system provides the data owner with tools to ensure controlled dissemination of high quality and updated information.

Highlights



Review of the state of world marine fishery resources

Marine fisheries are very important to the economy and well-being of coastal communities.

[More](#)

Thematic Areas

Provides a global digest of the information available through FIRMS on deep-sea high seas fishery resources.

[More](#)



FIRMS on Tuna and Tuna fisheries

Provides a global digest of the information available through FIRMS on Tuna, Billfishes and Tuna-like resources.

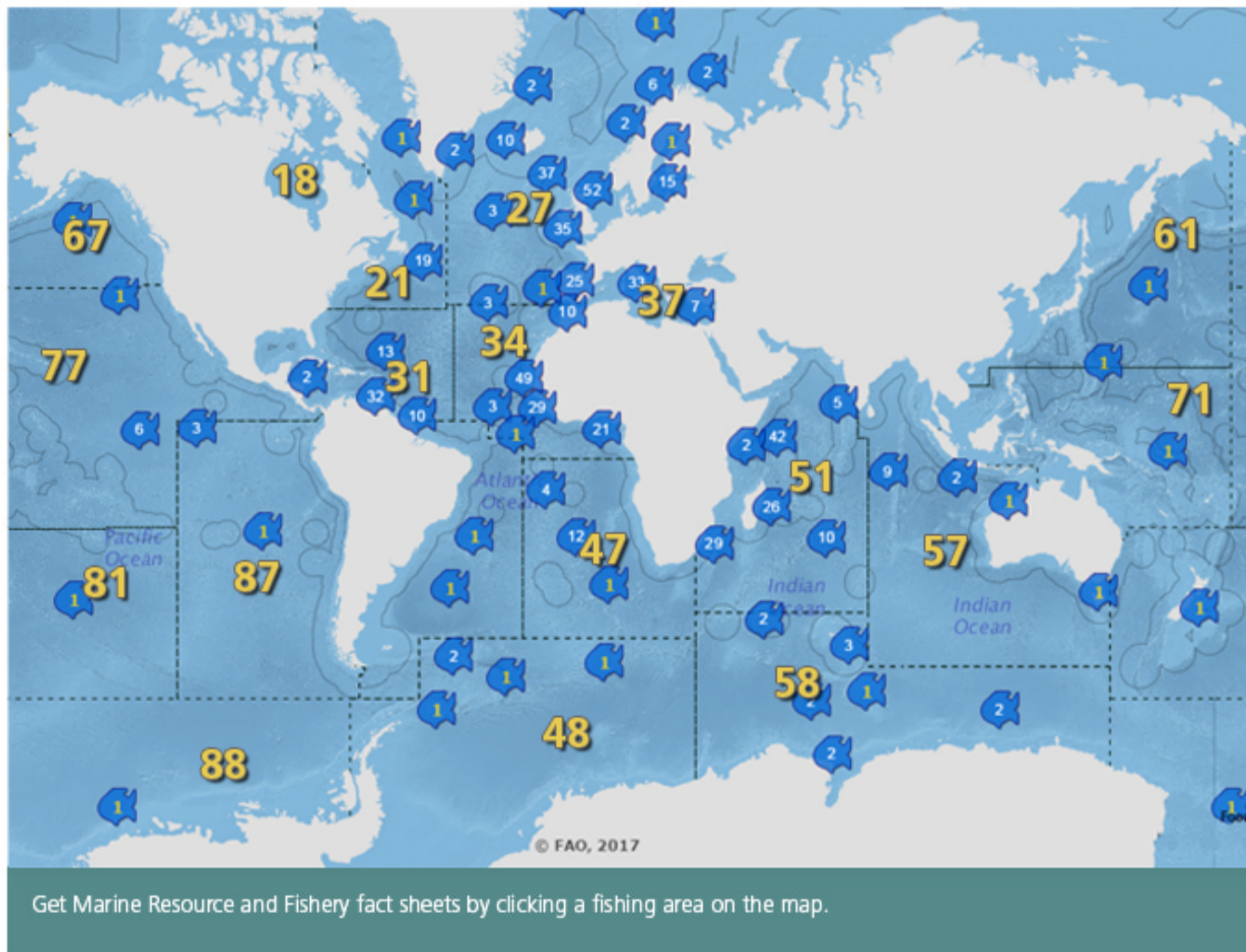
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Our data

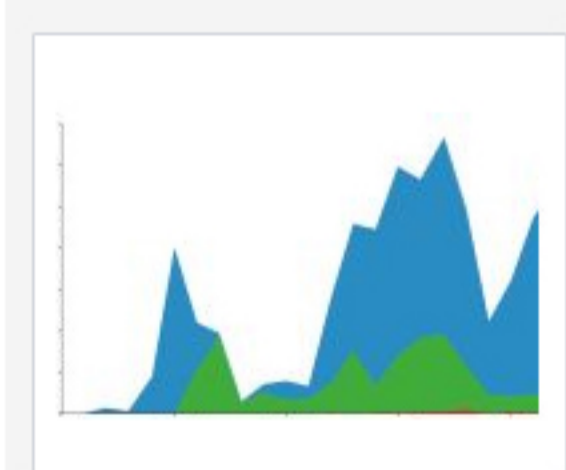
Stocks and Fisheries Map Viewer

Browse the status of stocks and fisheries inventoried by the FIRMS partners

[Launch the Stocks and Fisheries map viewer](#)



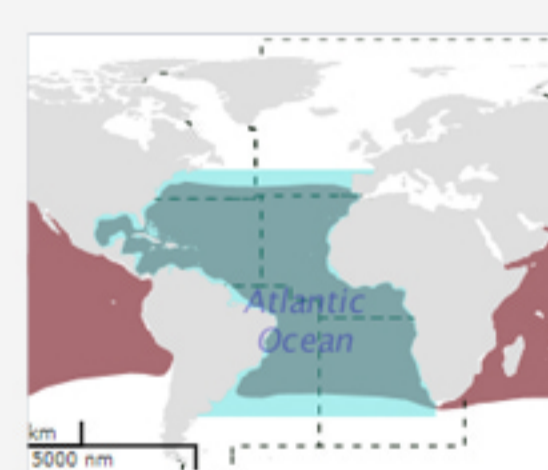
Search tools



Marine Resource fact sheets

Search Marine Resource Fact Sheets (524 available) using various tools: a simple full text search

[More](#)



Fishery fact sheets

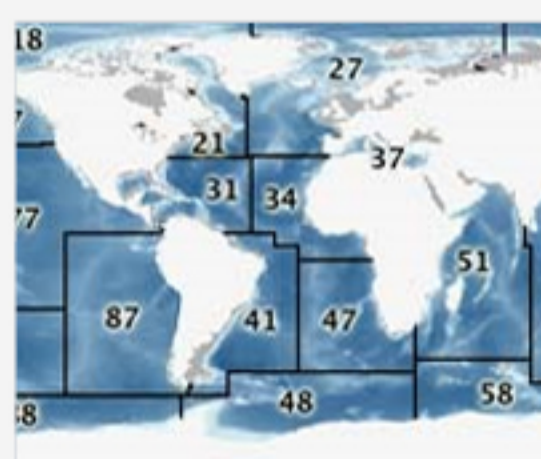
Search Fishery Fact Sheets (85 available) using using various tools: a simple full text search, an advanced search using fishery name, species, area or other

[More](#)

Resource inventory

The inventory of marine resources monitored by FIRMS partners is organized in a hierarchical way from broad regional resources

[More](#)



Project Partners



Meetings and events

Feb 28 BlueBRIDGE External Advisory Board Meeting (EAB) **Italy, Rome 2017**

Feb 29 FIRMS Technical Working Group Meeting (FIRMS-TWGs) Fifth session **Italy, Rome 2016**

Jan 19 WECAFC-FIRMS Data Workshop **Barbados, Christchurch 2016**

Publications



[Review of the state of world marine fishery resources](#)

News

[WECAFC-FIRMS Data Workshop](#)

[FIRMS Steering Committee Meeting - 9th Session](#)

Resource Partners



The Government of Japan

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FIRMS-Secretariat@fao.org

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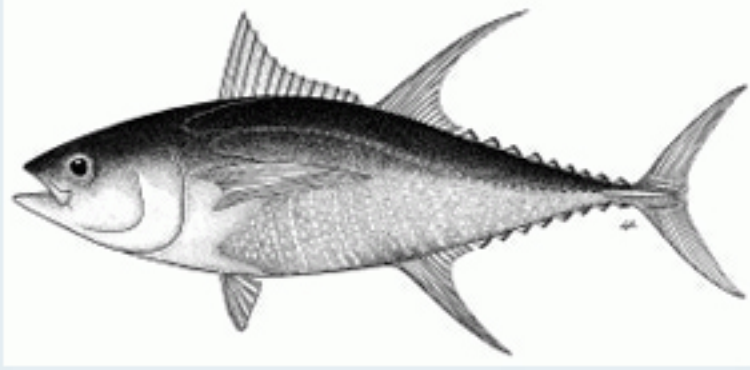


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Marine Resource Fact Sheet

Species: *Thunnus albacares*

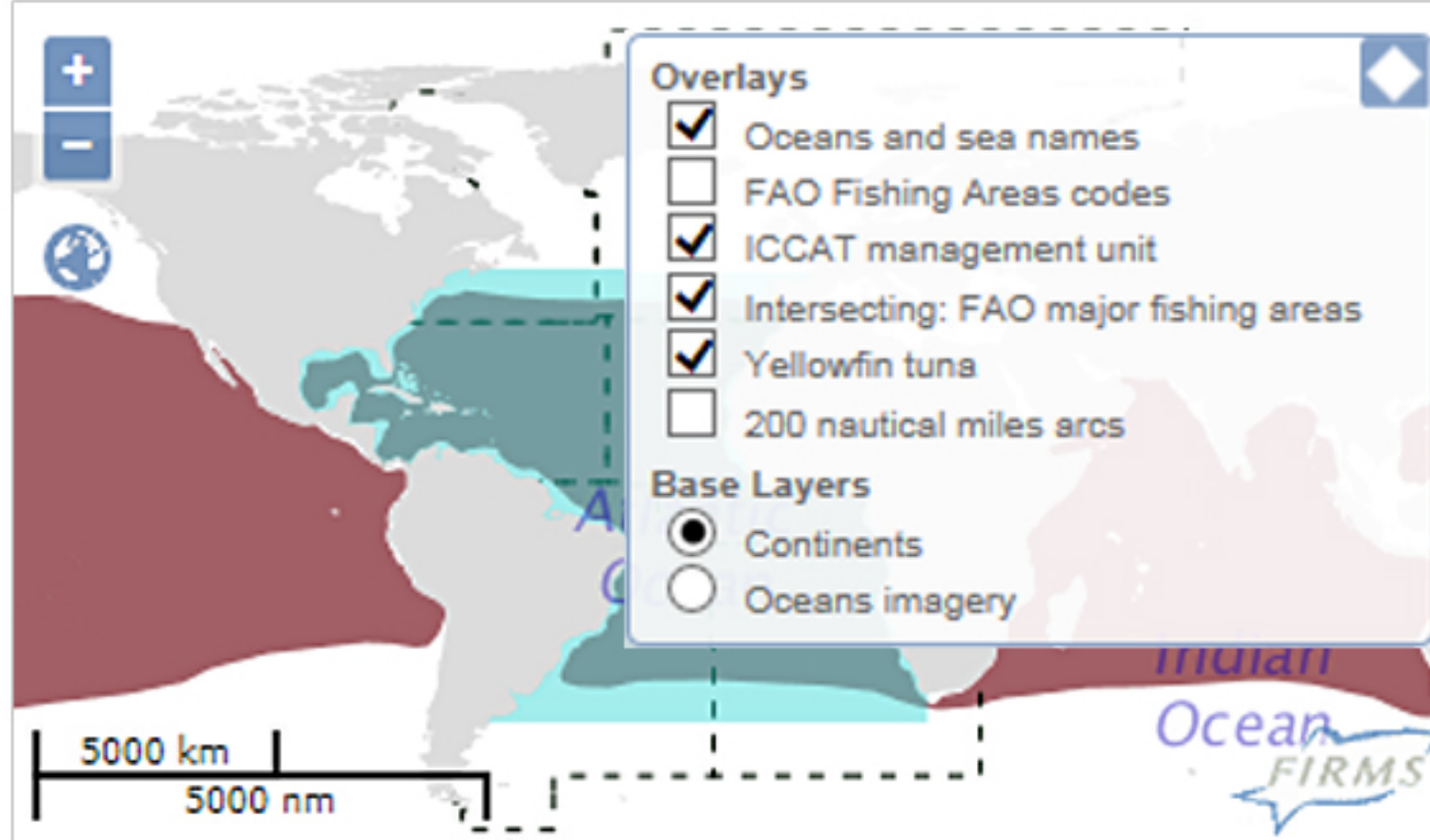


FAO Names: en - Yellowfin tuna, fr - Albacore, es - Rabil, ru - Тунец желтоперый

Main Descriptors
 Considered a single stock: Yes
 Spatial Scale: Regional
 Management unit: Yes
 Reference year: 2014
Reference Year: The Reference Year is the last year considered in the stock assessment and/or fishery status.

Table of Contents

- Water Area Overview
- History
- Habitat and Biology
- Geographical Distribution
- Resource Structure**
- Exploitation
- Assessment
- Management
- Biological State and Trend
- Source of information



MAP LEGEND

Species distribution
 Yellowfin tuna
 certain
 not certain

Intersecting layers
 Intersecting: FAO major fishing areas

Base layers
 200 nautical miles arcs
 FAO Fishing Areas codes

AREA DETAILS
 ICCAT Management Unit Areas
 YFT_ATL Atlantic
[More Geo References](#)

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Considered a single stock: Yes

Although the distinct spawning areas might imply separate stocks, or substantial heterogeneity in the distribution of yellowfin tuna, a single stock for the entire Atlantic is currently assumed. This assumption is based upon information such as observed transatlantic movements (from west to east) indicated by conventional tagging and longline catch data that indicates yellowfin are distributed continuously throughout the tropical Atlantic Ocean. However, movement rates and timing, routes, and local residence times remain highly uncertain. In addition, some electronic tagging studies in the Atlantic as well as in other oceans suggest that there may be some degree of extended local residence times and/or site fidelity.

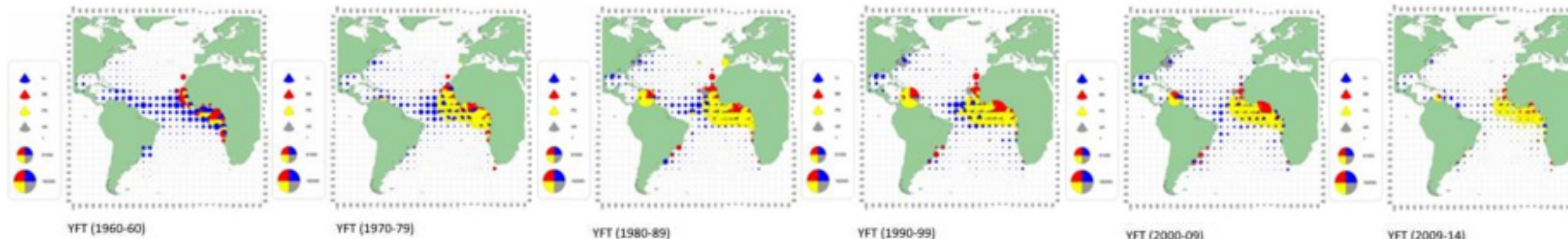


Figure 1. Geographical distribution of yellowfin tuna total catches by decade. The maps are scaled to the maximum catch observed during 1960-2014. Note: the last panel shows only 5 years of information. Thus, apparent changes in the size of the pie charts (in the final panel) should not be interpreted as a reduction in catch during 2010-2014.

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