

## Using the IOTC Nominal catch and Fishing Craft Online Querying Service

This online querying facility allows users to query IOTC Nominal Catch and Fishing Craft Statistics data from the IOTC Database and display results in tabular or graphical format.

Completion of all fields marked with an asterisk is obligatory. Users are obliged to complete all obligatory fields – beginning with ‘Your position’ and ‘institution’ – before proceeding with querying of the data.

Copies of the whole database can be obtained by selecting the option **all** ... from each drop down list.

Results can be downloaded in text (comma separated values: \*.csv) or spreadsheet format (Microsoft Excel: \*.xls)

In addition, the results may also be displayed in graphical form, using a number of different types of charts. Users are invited to refer to the bottom of the online querying facility to do this (‘Display field in the Generate Report’ box)

The following is a practical example of the online querying tool by a research scientist working in a fisheries research institution in the region that wants to obtain nominal catches for all IOTC tuna species in the western Indian Ocean, for industrial purse seiners flagged in EU countries for the last 10 years for which catches are available, and assess which species are more important in terms of total catches:

### 1-. Select the position and institution

*Note that this information is required to be able to query the IOTC database*



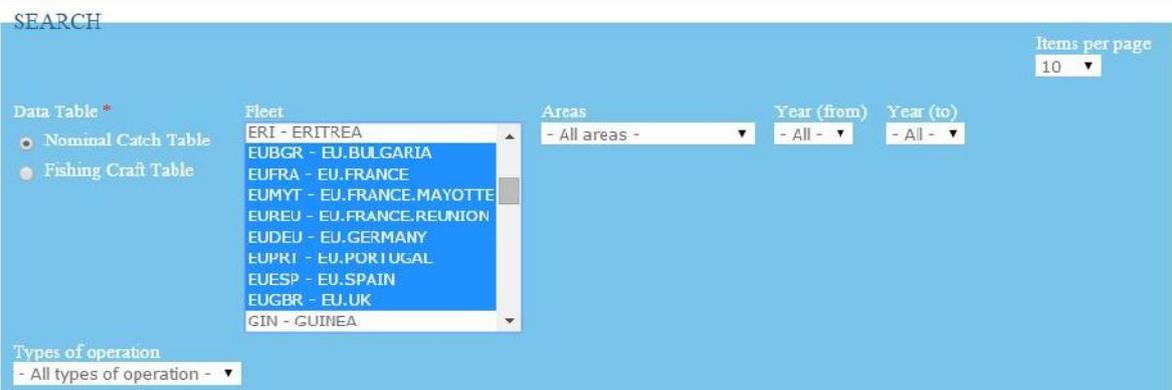
### 2-. Select the dataset from which to query data

*Note that this information is required to be able to query the IOTC Nominal Catches Table*



### 3-. Select EU flags from the Fleet drop down list: scroll down the drop down list until you find EU flags and select all of them as below

*Note that to select more than one row from the drop down list, press the Ctrl key and left mouse button simultaneously*



### 4-. Selecting the IOTC Area and time period

*Note that the ‘Items per page’ field is used to select the type of data table display that you want, i.e.,*

the amount of records that you want displayed on each page. In this case the user wants all records to be displayed on a single page

The screenshot shows a search interface with the following elements:

- SEARCH** header
- Items per page**: All
- Data Table\***:
  - Nominal Catch Table
  - Fishing Craft Table
- Fleet**: A dropdown menu with the following options: ERI - ERITREA, EUDGR - EU.DULGARIA, EUFRA - EU.FRANCE, EUMYT - EU.FRANCE.MAYOTTE, EUREU - EU.FRANCE.REUNION, EUDEU - EU.GERMANY, EUPRT - EU.PORTUGAL, EUESP - EU.SPAIN, EUCBR - EU.UK, GIN - GUINEA.
- Areas**: Western Indian Ocean
- Year (from)**: 2001
- Year (to)**: 2012
- Types of operation**: - All types of operation -

5-. Selecting the type of fishing operation and gear type

Note that searching for catches by gears may be narrowed down by selecting the gear group(s) to which the gear type(s) belong to, as in the below example (only three gears available for the gear group purse seine)

The screenshot shows the GEAR selection interface with the following elements:

- Types of operation**: IND - Industrial Fishing
- GEAR** section:
  - Gear groups**: - All gear groups -, Baltboat, Gillnet, Line, Longline, Other, Purse Seine (selected).
  - Gear types**: - All gear types -, Purse seine (selected), Ring net, Small purse seine.

6-. Selecting the group of species

Note that no selection is made in the drop down list 'Species' as the user wants to obtain catches for all species in the category Tunas

The screenshot shows the SPECIES selection interface with the following elements:

- SPECIES** section:
  - Species groups**: - All species groups -, BILLFISH, OTHER NFT, OTHERS, SEERFISH, SHARKS, TUNAS (selected).
  - Species**: - All species -, YFT - Yellowfin tuna, BFT - Bigeye tuna, SKJ - Skipjack tuna, ALB - Albacore, SBF - Southern bluefin tuna, BFT - Northern bluefin tuna, LOT - Longtail tuna, FRI - Frigate tuna, BLT - Bullet tuna.
- Search** button
- Reset** button
- 115 records for your current search criteria

7-. Obtaining the final Table: Once the selection has been finalized the user shall press the button

'Search for the records to display', as in the below table (note that only the top of the table is shown). Note that the number to the right of the reset button indicates the total number of records that apply to the search criteria. If the number displayed is 0 (zero) then the query was unable to find any records which match the selection criteria Users are invited to click the reset button and review the search criteria in this case, as required

115 records found - Total catch (sum of all catches from output table): 2741969

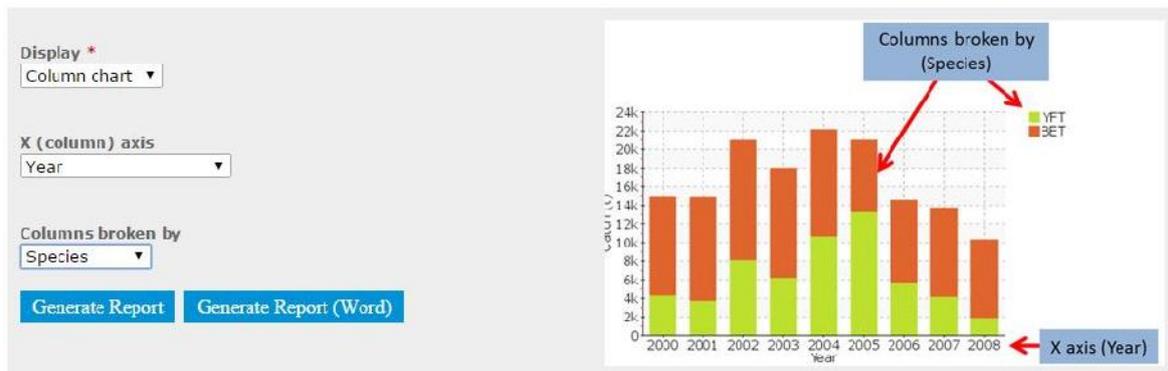
FICde	Fleet	ArCde	AreaOTC	Year	TFCde	TypeFishery	GrCde	Gear	GrGroup	SpCde	Species	SpLat	SpGroup	Catch (t)
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2001	IND	Industrial Fishing	PS	Purse seine	Purse Seine	YFT	Yellowfin tuna	Thunnus albacares	TUNAS	34127
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2001	IND	Industrial Fishing	PS	Purse seine	Purse Seine	BET	Bigeye tuna	Thunnus obesus	TUNAS	5956
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2001	IND	Industrial Fishing	PS	Purse seine	Purse Seine	SKJ	Skipjack tuna	Katsuwonus pelamis	TUNAS	35673
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2001	IND	Industrial Fishing	PS	Purse seine	Purse Seine	ALB	Albacore	Thunnus alalunga	TUNAS	659
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2001	IND	Industrial Fishing	PS	Purse seine	Purse Seine	FRZ	Frigate and bullet tunas	Auxis spp.	TUNAS	174
EUFRA	EU.FRANCE	F51	Western Indian Ocean	2002	IND	Industrial Fishing	PS	Purse seine	Purse Seine	YFT	Yellowfin tuna	Thunnus albacares	TUNAS	35815

8-. Exporting the results: results can be exported in spreadsheet (.xls) or text format (.csv). The example below shows the Excel file created on export, usually at the bottom left of the screen; to open the file and see the records, click on it with the mouse



9-. Displaying catches by species: Additional tables and figures summarizing the selected data can be obtained using the generate report box, located at the bottom of the page (the type of display is selected from the drop down in the field Display). The below example shows an example of a selection of data in a column chart with catches by species by year displayed.

*Note that this information is required to be able to obtain a Table/Figure*



10-. Looking at the results: Results can be displayed on screen or exported to a word document; the following examples displays the output for the above selection on screen (separate web tab). Nominal catch results are usually displayed in terms of absolute weight or numbers and the proportion that those numbers/weight make over the total numbers/weights in the selection, as displayed in the two charts below.

*Note that the report contains also details of the selectioncriteria used to generate the tables/charts, at the top of the Report.*

# Report

Title	Data
Position of the person making the request	Research and development
Institution of the person making the request	Research Institution
Date and time of request	09/02/2015 11:27:06
Fleet	EU.BULGARIA (EUBGR); EU.FRANCE (EUFRA); EU.FRANCE.MAYOTTE (EUMYT); EU.FRANCE.REUNION (EUREU);
IOTC Area	Western Indian Ocean (F51)
Time-period	2001 - 2012
Type of operation	Industrial Fishing (IND)
Gear group	Purse Seine
Gear type	Purse seine (PS)
Species group	TUNAS
Species	Yellowfin tuna (YFT); Bigeye tuna (BET); Skipjack tuna (SKJ); Albacore (ALB); Southern bluefin tuna (SBF); No
Total catch (sum of all catches from output table)	2,741,969 tons

