



WPTT19: TROPICAL TUNA DATASETS AVAILABLE

LAST UPDATED: 16 OCTOBER 2017

The following datasets are available for download. Please inform the IOTC Secretariat if you encounter any problems accessing the data. The data have been submitted to several validation procedures at the Secretariat; however, the procedures may not be exhaustive enough to uncover all potential problems.

If you discover any major inconsistencies in the data, please contact the Secretariat as soon as possible at: secretariat@iotc.org or data.assistant@iotc.org

Data Catalogues:

The file [IOTC-2016-WPTT18-DATA02](#) contains information on the amount of nominal catches strata for which catch and effort and/or size frequency data are available, by species and fleet.

Nominal Catches (**available**):

Nominal catches represent the total catch estimates per Fleet, Year, Gear, IOTC Area and species. Catches not reported per species or gears were assigned to the corresponding gears and/or species by the Secretariat.

Catches estimated for 1950-2015, including information on data source and quality of the catch estimates can be found at the following link:

[IOTC-2017-WPTT19-DATA03.zip](#) (19-09-2016) (compressed file)

Please, note that the **catches for 2016** represent **preliminary** figures.

Catches and Effort (**available**):

Catch and effort (CE) data (19-09-2016) are available as three different files (compressed file), according to the type of gear:

- vessels using drifting longlines — [IOTC-2017-WPTT19-DATA04 - CELongline.zip](#)
- vessels using pole and lines or purse seines — [IOTC-2017-WPTT19-DATA05 - CESurface.zip](#)
- vessels using gears other than those referred to above — [IOTC-2017-WPTT19-DATA06 - CECOastal.zip](#)

Alternatively, click here to download the complete catch-and-effort three files as one zip file:

[IOTC-2017-WPTT19-DATA07 - CEALL.zip](#)



- Catches (in tonnes or/and in number) and effort are recorded per Fleet, Year, Gear, Type of School, Time Interval (month or quarter usually), Grid (usually 1 degree square areas for surface gears and 5 degree square areas for longlines) and Species.
- Catch and effort are not available for all Nominal catches strata. When recorded, catches reported in these datasets might not represent the total catches of the species in the year for the fleet and gear concerned, or represent simply a sample of those.

Definitions of the variables in the size frequency dataset, source and other related information can be found in:

[IOTC-2017-WPTT19-DATA08 – CEReference.zip](#)

Size frequency data (**available**):

Size frequency data available (19-09-2017) for tropical tunas (**yellowfin tuna, bigeye tuna, and skipjack tuna**) in the IOTC databases are available at the following links:

- Bigeye tuna size frequency data — [IOTC-2017-WPTT19-DATA09 – SF BET FL.zip](#)
 - Skipjack tuna size frequency data — [IOTC-2017-WPTT19-DATA10 – SF SKJ FL.zip](#)
 - Yellowfin tuna size frequency data — [IOTC-2017-WPTT19-DATA11 – SF YFT FL.zip](#)
- Fish recorded under size classes other than the size class intervals recommended for tropical tuna for tropical tuna species (i.e., 2cm for yellowfin tuna and bigeye tuna, and 1cm for skipjack tuna) have also been assigned to a corresponding size class for each species.
 - Sizes are recorded in equal size class intervals recommended for each species (2 cm for yellowfin and bigeye tuna, and 1cm for skipjack tuna), with the exception of the first size class which represents all specimens with lengths <12cm (yellowfin and bigeye tuna), and <11cm (skipjack tuna), while the final size class represents specimens >308cm (yellowfin and bigeye tuna) and >159cm (skipjack tuna).
 - Definitions of the variables in the size frequency dataset, source and other related information can be found at: [IOTC-2017-WPTT19-DATA12 - SFReference.zip](#)
 - All size data strata not recorded as fork length have been converted into fork length using the equations in [IOTC-2017-WPTT19-DATA13 - Equations.pdf](#)

Skipjack tuna (SKJ) data for stock assessment (**available**):

Data Prepared by the IOTC Secretariat:

The file [IOTC-2017-WPTT19-DATA14 - Catch-at-size](#) contains the raised Catch-at-size for Skipjack tuna.

The file [IOTC-2017-WPTT19-DATA15 – SKJ SS3](#) (compressed file) contains input data for the stock assessment of skipjack tuna including total catch and available length frequency data by fishery, year, and quarter.

CPUE (**available**):



Datasets 16 & 17 contain the joint CPUE indices for the European Purse seine fleets and Maldives pole-and-line for Skipjack tuna which are used in the SS3 stock assessments. The release of these indices has been approved by the responsible parties in the European Union and Maldives:

[IOTC-2017-WPTT19-DATA16](#) – EU purse seine standardized CPUE for skipjack tuna

[IOTC-2017-WPTT19-DATA17](#) – Maldives pole-and-line standardized CPUE for skipjack tuna

Yellowfin tuna joint LL CPUE

The file [IOTC-2017-WPTT-19-DATA18 – YFT joint LL CPUE](#)

Bigeye tuna joint LL CPUE

The file [IOTC-2017-WPTT-19-DATA19 – BET joint LL CPUE](#)

Data provided by other institutions:

The file [IOTC-2017-WPTT19-DATA20 – BET TWN LL CPUE](#) contains the quarterly CPUE indices by area derived for the Taiwanese longline fishery.

The file [IOTC-2017-WPTT19-DATA21 – YFT TWN LL CPUE](#) contains the quarterly CPUE indices by area derived for the Taiwanese longline fishery.

Tuna Tagging Data

In September 2016, the Secretariat released an updated dataset on the release and recovery of IOTC species, in particular tropical tunas, obtained through the implementation an EU-funded Regional Tuna Tagging Programme (RTTP), and several other small-scale tagging projects. The new dataset contains information on the release and recovery of specimens up to August 2016.

Access to the data is restricted to users who have completed a Tagging Data User Application Form. For more information about the data or to request access to the data, please contact the [Secretariat](#) directly.