

README FILE (EFFDIS: Task 2 Longline effort reconstruction)

ICCAT Secretariat

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Summary

This document describes the EFFDIS dataset, compiled by ICCAT and publicly available on the ICCAT webpage (www.iccat.int/en/accesingdb.html). EFFDIS reports longline effort in number of hooks. The basic methodology consists of raising reported effort using the coverage ratio statistic reported by contracting and non-contracting parties in their annual Task 2 submissions. The detailed methodology used for this is summarized in [Taylor et al. 2020](#).

NOTE: the CSV (comma separated values) file can be read with any text editor (e.g.: [Notepad++](#)), spreadsheet (e.g.: MS-EXCEL, [LibreOffice](#)) or other specialised software (such as [R-CRAN](#)).

Content

The EFFDIS dataset has data from 2000-2021 that were reported by ICCAT CPCs up until December 2022.

Formats & structure

The structure of the CSV files, specifically the fields (name, type, constrains) and their short descriptions are presented in **Table 1**.

For additional questions please contact the ICCAT Secretariat (STATS_info@iccat.int).

Table 1. Structure of the CSV file

Field	Type	Description
YearC	Integer	The calendar year
Decade	Integer	The decade
FlagName	String	ICCAT codes (Flags table)
FleetCode	String	ICCAT codes (Fleets table)
ReportedCoverageRatio	Float	The coverage ratio (i.e. the proportion of the total effort reported as determined by the contracting party)
ByQuarter	Integer	Which quarter of the year (1-4)
xLon5	Float	The centroid of the 5x5 quadrant, in degrees longitude)
yLat5	Float	The centroid of the 5x5 quadrant, in degrees latitude)
ReportedEffort	Integer	The number of hooks reported by the CPC
EstimatedCoverageRatio	Float	The estimated coverage ratio (where not reported)
ImputedEffort	Float	The effort imputed to have occurred by spatial cell and year
TotalEstimatedEffort	Float	The sum of the imputed effort and the reported effort