



Food and Agriculture  
Organization of the  
United Nations

# CWP

Coordinating Working Party on Fishery Statistics

## Revision of the CWP Handbook and Webpages

CWP-IS/2021/FAO

Agenda item 5.1

CWP



# Revised CWP Handbook and Webpages

Revisions have been carried out to improve the content and coverage of the CWP Handbook and Webpages, as per the decisions of CWP-26



The screenshot shows the FAO website header with the logo and name. A search bar with 'ENHANCED BY Google' is on the right. Below the header, language links for العربية, 中文, English, Français, Русский, and Español are displayed. The main heading is 'Coordinating Working Party on Fishery Statistics (CWP)'. A navigation menu includes a home icon, 'Background', 'CWP Intersessional Meeting', 'CWP Handbook', 'Sharing practices', and 'Regional references'. A large banner image of a fisherman is shown with the URL <https://www.fao.org/cwp-on-fishery-statistics/en/> overlaid. Navigation arrows are visible on the banner.

# CWP Handbook

Revisions include edits and additions to existing sections and development of new sections.

International standard classifications referenced in the Handbook have been reformatted and versioned and are also available through the CWP catalogue:

- International Standard Classification of Occupations (ISCO-08 Classification)
- International Standard Statistical Classification of Fishery Commodities (ISSCFC) (version July 2019)
- International Standard Statistical Classification of Fishery Vessels by GRT Categories (ISSCFV – GRT category)
- International Standard Statistical Classification of Fishery Vessels by Vessel Types (ISSCFV)
- International Standard Statistical Classification of Vessels by Length Classes (ISSCFV - Length Classes)
- International Standard Statistical Classification of Fishing Gear (ISSCFG, 2016)
- List of countries or areas
- List of currencies sorted by country or area name
- List of currencies sorted by ISO currency code and country or area multilingual name

There is some further work required to complete the revisions.

Also further revisions and updates arising from the TGs and CWP-27.



# Revised CWP Handbook

## Coordinating Working Party on Fishery Statistics (CWP)

|  |            |                            |              |                   |              |
|--|------------|----------------------------|--------------|-------------------|--------------|
|  | Background | CWP Intersessional Meeting | CWP Handbook | Sharing practices | Regional ref |
|--|------------|----------------------------|--------------|-------------------|--------------|

Introduction\*

General concepts\*

Capture fisheries statistics\*

Socio-economic dimension\*

Aquaculture

Tools and resources

Search

## The CWP Handbook of Fishery Statistics

### General information

Comprehensive global and regional statistics on capture fisheries and aquaculture statistical programs to be coherent and consistent, and bas which apply internationally recognized definitions, classifications and co was created to serve as the basis for this integration.

Socio-economic  
dimension

restructure

Fisheries production

Aquaculture production

Food balance sheets on  
apparent consumption

Fishery commodities  
classification

### \*Overview

Introduction

Data collection systems

Methodology for data  
collection

Confidentiality

revised

new

Capture fisheries statistics

Catch and landings +definitions

Nationality of catch and  
landings

Fishery fleet +definitions

Fishers

Fishing gear  
classification

Fishing effort

Logbooks and VMS

Integrated  
environmental and  
economic accounting for  
fisheries

Fisheries statistics for an  
ecosystem approach +SDGs

General concepts

Conversion factors

Date and time

Currencies and funds

Spatial reference  
systems

Geographic coordinates

Geographic systems

Country or area

Main water areas

Identifiers for aquatic  
animals and plants



# ISSC reformatting and versioning

## Coordinating Working Party on Fishery Statistics

[Home](#)
[Background](#)
[CWP Intersessional Meeting](#)
[CWP Handbook](#)
[Sharing practices](#)

[Introduction](#)  
[General concepts](#)  
[Capture fisheries statistics](#)

[Catch and landings](#)

[Nationality of catch and  
landings](#)

**Fishery fleet**

[Fishers](#)

### Fishery fleet

The term **fishery fleet** or **fishery vessel** refers to mobile fish catching or marine waters which are used for catching, handling, processing fish, shellfish and other aquatic organisms, residing in the waters.

The term **fishing vessel** is used instead when the vessel is engaged in fishing activities.

The term **non-fishing vessel** applies to vessels performing protecting, rendering assistance or conducting research or other non-fishing activities.

Fishery vessels are classified in accordance with the International Standard Statistical Classification of Fishery Vessels by Vessel Types (ISSCFV, 2019) (FAO, 2021a) which includes fishing vessels and other vessels supporting fishing related activities.



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Status: CWP Endorsed standard – **Currently VALID**  
 Type: International Classification  
 First endorsed: 1984  
 Last update/revision: Rev.1, 2019

## Coordinating Working Party on Fishery Statistics (CWP)

### Handbook of Fishery Statistics

## International Standard Statistical Classification of Fishery Vessels by Vessel Types (ISSCFV, Rev.1, 2019)

*Note: The revision of the ISSCFV was initiated in 2005, further amended in 2007 and 2019, and endorsed by CWP at its 26th session in 2019<sup>1</sup>.*

Status: **CWP Endorsed standard - Currently VALID**

Type: **International Classification**

First endorsed: YYYY

Last update/revision: YYYY

Status: **CWP Endorsed standard – OUTDATED** (check the last revision)

Type: **International Classification**

First Endorsed: YYYY

Last update/revision: YYYY

| Fishing Vessel |                             | ISSCFV Code | Standard Abbreviation |
|----------------|-----------------------------|-------------|-----------------------|
| Category       | Sub-Category                |             |                       |
| Trawlers       |                             | <b>1</b>    | <b>TO</b>             |
|                | Otter trawlers <sup>3</sup> | 1.1         | OT                    |
|                | Pair trawlers               | 1.2         | PT                    |
|                | Beam trawlers               | 1.3         | BT                    |
|                | Side trawlers               | 1.4         | TS                    |
|                | Stern trawlers              | 1.5         | TT                    |
|                | Trawlers nei                | 1.9         | TOX                   |

+ link back to the Handbook

[More information is available under the CWP Handbook page](#)

# CWP webpages on sharing practices and regional references

CWP webpages on sharing protocols/practices and regional references will contain recommendations and best practices related to the CWP and the topics covered in the Handbook. This includes guidance on data exchange formats and data transmission matters relevant to the CWP, its members, statistical agencies and other users.

The development of these webpages was discussed by CWP-26:

- **Sharing practices** will implement FAIR data principles and cover reference harmonization, CWP catalogue, GIS recommended standards and data exchange formats, as well as implementation guidelines for data structures
- **Regional references** will cover best practices in relation to the CWP Handbook such as Members' frameworks for the acquisition of socio-economic data.

FAIR: Findable, Accessible, Interoperable and Reusable



# Revised CWP Webpages

## Coordinating Working Party on Fishery Statistics (CWP)

|                      |                            |  |                              |                                   |                                     |  |
|----------------------|----------------------------|--|------------------------------|-----------------------------------|-------------------------------------|--|
| <a href="#">Home</a> | <a href="#">Background</a> | <a href="#">CWP Intersessional Meeting</a> | <a href="#">CWP Handbook</a> | <a href="#">Sharing practices</a> | <a href="#">Regional references</a> |  |
|----------------------|----------------------------|--|------------------------------|-----------------------------------|-------------------------------------|--|

### Reference harmonization

#### GIS recommended standards

#### Data exchange formats

## Reference harmonization Work in progress

At its 26th session, the CWP endorsed the first version of the global CWP standard for reference harmonization and global data structures. This global standard is described in the [Report of the 26th session of the CWP](#).

The 27th session of the CWP will review the progress of the work on reference harmonization and global data structures and publish the results in this section.

The CWP catalogue will disseminate the results of the work on reference harmonization and global data structures on a collaborative platform, the CWP catalogue.

- CWP global data structures
- CWP classifications
- CWP Parties reference data, and the results of the work on reference harmonization and global data structures.

The first version of the CWP catalogue will be published in 2023.

The catalogue contents will be harvested and made available for use.

### Reference harmonization

#### GIS recommended standards

#### Data exchange formats

## GIS recommended standards

### Geographic metadata

Geographic data formats & protocols are already driven by international standards, such as the Open Geospatial Consortium (OGC) and the International Standardization Organization (ISO), for the production and exchange of geo-referenced datasets based on geographic information systems (GIS).

The following formats are recommended by the CWP

- **Geographic Markup Language (GML)**, as the official standard for exchanging geographic information.
- endorsed by both OGC and ISO.
- **GeoJSON**, as alternative OGC data format.
- Any other standard OGC data format.
- **CSV** (including for the geographic information system used, if applicable).

### Reference harmonization

#### GIS recommended standards

#### Data exchange formats

## Data exchange formats and mechanisms

CSV file format is widely used among CWP parties for dissemination of data. It is acceptable and facilitates the interaction of human user. It could be used for the exchange of data structures, the reference data and metadata.

The main advantage of using CSV files lies in the fact that such format can be easily managed manually and a useful option to a large number of information systems that can generate the data files for transmission automatically.

As example, FAO made available data structures for data domains namely aquaculture production, in a packaged format comprising Data Structure and related metadata in text file.

CSV SDMX FLUX



# Revised CWP Webpages

## Coordinating Working Party on Fishery Statistics (CWP)

|                      |                            |  |                              |                                   |                                     |  |
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|----------------------|----------------------------|--|------------------------------|-----------------------------------|-------------------------------------|--|

Socio-economic data acquisition carried out by International Organizations involved in data collection and represented in the CWP

Current contributions from

- European Union
- FAO
- GFCM
- OECD
- SPC



# Concluding remarks

- Work is underway to finalise the current revision of the Handbook and this includes completing the reformatting and versioning of international classifications relevant to the Handbook, and updating the section on tools and resources.
- In addition, the work of CWP Tasks Groups is expected to result in further revision of sections dealing with catch, effort, data, aquaculture, data harmonization, confidentiality and workflow (post CWP-27).
- The homepage is in all languages and includes ‘highlights’ and ‘did you know?’ information items. CWP Members are encouraged to post short news items and updates of interest to the CWP community. Please send contributions to the Secretariat for publication.
- Feedback and discussion of revisions welcome, including user experiences



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

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