



Food and Agriculture Organization
of the United Nations

>> FAO Statistics Division

CPC Expansions for detailed data in FAO statistical domains

UNCEISC Meeting

New York, 25-28 October 2022

>> FAO Statistics Division

Structure of the presentation

1. Why to increase CPC detail
2. How to increase CPC detail
 - CPC Expanded for agriculture and rural statistics
3. FAO contribution to the CPC revision by statistical domain, including impacts on CPC structure
 - Forestry
 - Fertilizers and Pesticides
 - Agri-food
 - Fishery
4. Conclusions

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Why to increase CPC detail?

CPC is a general purpose classification, low granularity for sectoral domains

DATA PRODUCERS

- Minimize reporting burden for Countries and improve harmonization with broadly-used international standards
- Minimize need for data conversion
- No loss of information

DATA USERS

- Facilitate data comparability
- Maximize continuity of data over time

DATA GOVERNANCE

- Standardization of the data life cycle process (*collection* → *production* → *dissemination*)
- Increase detail and domain specificity of the reference international classification to meet new data needs

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How to increase CPC detail?

1. If level of **detail available is sufficient** for sectoral applications
→ *New codes can be added up to the fifth-digit level of the hierarchy*
2. If level of **detail available is not sufficient** for sectoral applications

→ *Customization*

- ✓ at country level
- ✓ by international organizations (standardized)

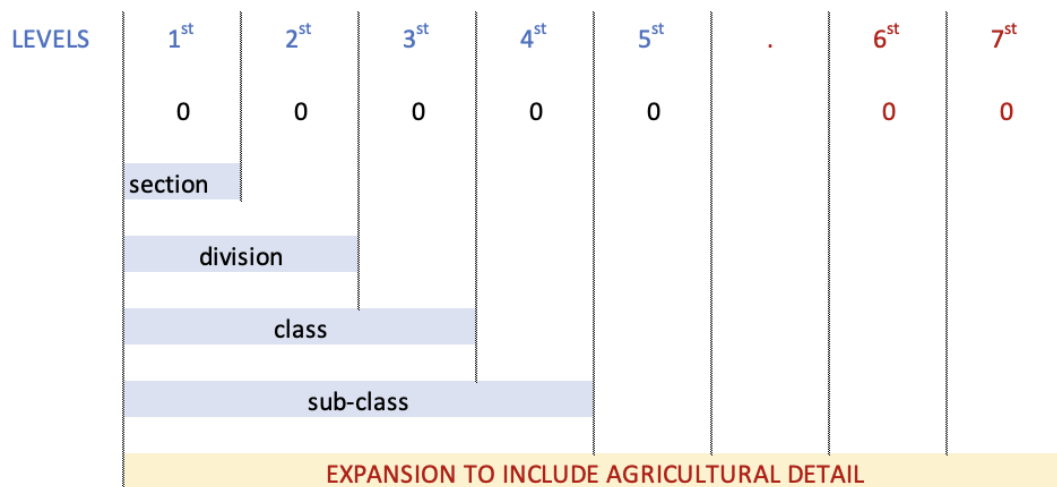
→ *Central Product Classification for Agriculture and Rural Statistics**
(CPC Ver.2.1 Expanded)

**The first extension of CPC to further meet needs of agriculture was proposed by FAO at biennial expert group meeting on international classifications (NY, 05/2011)*

How to increase CPC detail?

Central Product Classification (CPC Ver.2.1) for Agriculture and Rural Statistics

CPC has been expanded in accordance with the level of detail available in the old FAOSTAT Commodity List (FCL, product code list adopted by FAO since '60s)



*Additional 2-digits level to meet
FAO sectoral specific data needs*

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FAO contribution to the CPC revision by statistical domain

1. AGRI-FOOD products*

A. Items proposed for *addition*:

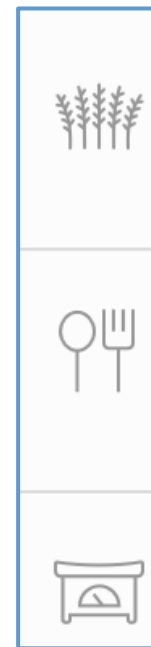
- ✓ New 4-digits codes: 1
 - ✓ New 5-digits codes: 5
 - ✓ New 7-digits expansions: 10
- } *Impact on the current CPC Ver.2.1 structure*

B. Items proposed for *deletion*:

- ✓ Existing 4-digits codes: 0
 - ✓ Existing 5-digits codes: 1
- } *Impact on the current CPC Ver.2.1 structure*

C. Items proposed for *descriptor modification*:

- ✓ Existing 3-digits codes: 1
 - ✓ Existing 4-digits codes: 4
 - ✓ Existing 5-digits codes: 11
 - ✓ Existing 7-digits expansions: 1 (*conflict in descriptors*)
- } *Impact on the current CPC Ver.2.1 structure*

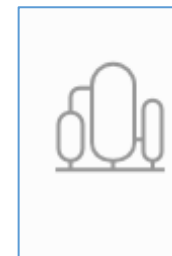


To include new emerging products and improve links to COICOP

**CPC Divisions involved: 01, 23, 24, 63 and 68*

FAO contribution to the CPC revision by statistical domain

2. FERTILIZERS & PESTICIDES*



A. Items proposed for *addition*:

- ✓ New 4-digits codes: 0
 - ✓ New 5-digits codes: 2 (FERT)
 - ✓ New 7-digits expansions: 77 (7 FERT; 69 PEST; 1 BOTH)
- } Impact on the current CPC Ver.2.1 structure

B. Items proposed for *deletion*:

- ✓ Existing 4-digits codes: 0
- ✓ Existing 5-digits codes: 0

C. Items proposed for *descriptor modification*:

- ✓ Existing 3-digits codes: 0
 - ✓ Existing 4-digits codes: 2
 - ✓ Existing 5-digits codes: 6
- } Impact on the current CPC Ver.2.1 structure

To include FAO internal products lists and **improve links to HS2022**

*CPC Divisions involved: 34 and 35

FAO contribution to the CPC revision by statistical domain

3. FORESTRY products*



A. Items proposed for *addition*:

- ✓ New 4-digits codes: 4
 - ✓ New 5-digits codes: 36
 - ✓ New 7-digits expansions: 106
- } *Impact on the current CPC Ver.2.1 structure*

B. Items proposed for *deletion*:

- ✓ Existing 4-digits codes: 3
 - ✓ Existing 5-digits codes: 15
- } *Impact on the current CPC Ver.2.1 structure*

C. Items proposed for *descriptor modification*:

- ✓ Existing 3-digits codes: 1
 - ✓ Existing 4-digits codes: 4
 - ✓ Existing 5-digits codes: 11
- } *Impact on the current CPC Ver.2.1 structure*

To include FAO Forestry Commodity List products (771) for which **only 140** correspondences to the CPC 2.1 have been identified and **improve links to HS2022**

*CPC Divisions involved: 03, 31, 32, 38 and 39

FAO contribution to the CPC revision by statistical domain

4. FISHERY products → *Currently under finalization*



A. Items proposed for **addition**:

- ✓ New **4-digits** codes: **0**
 - ✓ New **5-digits** codes: **about 10**
 - ✓ New 7-digits expansions: **>100**
- Impact on the current CPC Ver.2.1 structure*

B. Items proposed for **deletion**:

- ✓ Existing **4-digits** codes: **0**
 - ✓ Existing **5-digits** codes: **2**
- Impact on the current CPC Ver.2.1 structure*

C. Items proposed for **descriptor modification**:

- ✓ Existing **2-digits** codes: **1**
 - ✓ Existing **3-digits** codes: **1**
 - ✓ Existing **4-digits** codes: **1**
 - ✓ Existing **5-digits** codes: **2**
- Impact on the current CPC Ver.2.1 structure*

To include FAO Fishery products and improve the coverage for the relevant domain

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Conclusions

1. The implementation of a mechanism of expansions allows to **increase the granularity** of the collection, analysis and dissemination, with **no major impacts** on the existing data **series** (upper level remain consistent)
2. The implementation of additional products beyond the 5th digit level of the hierarchy has been implemented for FAO proposals only so far, but it is a useful tool to include sectoral data in international classifications
3. FAO approach could become a **good practice**. Expansions could apply to additional Sections of the CPC scheme:
 - to improve scheme granularity and ensure **better data collection at country level for additional products**;
 - to improve **linkages to different schemes** for which additional detail is needed (e.g. SIEC).

THANK
YOU!

CONTACT US

Visit us at FAO Methods and Standards website
<https://www.fao.org/statistics/methods-and-standards/en/>

For detailed classifications visit
<https://www.fao.org/statistics/caliper/web/>

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