



UNITED NATIONS
DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS
STATISTICS DIVISION

ESA/STAT/AC.289/15
14 May 2015

**Meeting of the Expert Group on
International Statistical Classifications
New York, 19-22 May 2015**

FAO Contribution to the Harmonized System 2017

Valentina Ramaschiello, FAO

FAO CONTRIBUTION TO THE HARMONIZED SYSTEM 2017¹

Valentina Ramaschiello², Stefania Vannuccini³

Food and Agriculture Organization of the United Nations (FAO)

11 May 2015

FAO is a partner of the World Customs Organization (WCO) in the review of the Harmonized System (HS). To ensure contribution to the HS is crucial for FAO: as 98% of the merchandise in international trade is classified in HS and almost all countries in the world use it for statistical and administrative purposes, to influence the HS means to significantly impact the **availability** and **quality** of statistics on trade in agriculture, fishery and forest products worldwide. As the HS is a multipurpose tool, often used for statistics other than trade and as the basis for the development of international and national classifications, this is also an outstanding opportunity to strengthen data harmonization across countries and to integrate agricultural statistics with other statistical domains.

FAO contribution to the HS started in **2008**, with the review of **HS 2012** (currently into force). This version now includes more than 300 new subheadings for **agriculture** and **fisheries** compared to the previous 2007 edition.

Consultations within and outside FAO were conducted to verify the extent to which detail in HS 2012 was suitable for the FAO's purposes. Inputs from different technical units were collated and categories (heading and subheadings) to be reviewed were carefully selected according to their relevance in terms of **global trade value** and the **number of countries** involved with the transactions. Particular attention was placed on commodities strategic to **food security, conservation agriculture** practices and the monitoring of **endangered species and stocks in need**. The WCO sets a threshold of USD 50 million of annual trade value for new subheadings and USD 100 million for new headings; exceptions to this rule are used by the WCO member states in HS 2012 for agriculture and food items of high social or environmental importance, and particularly on products critical to food security in developing countries.

In **2011**, the WCO launched the review of the **HS 2017** to which FAO has contributed through a proposal for the amendment of 168 items concerning **agriculture, fishery** and **forestry products, fertilizers** and **agricultural machinery**. The technical documents submitted to the WCO comprised a list of the proposed changes along with its rationale and the related data on trade, production and prices. Justification included information on the use of the products, their physical descriptions and *identification criteria*. These are particularly important as necessary (but not sufficient) conditions for the modification of the HS: in order to assign the correct HS code at the custom, officers need to be able to identify products based on their physical appearance exclusively. Remarkable work was carried out by FAO in this regard.

¹ This section is an updated and expanded version of the article published on UNSD Classification Newsletter Number 31 – July 2014 http://unstats.un.org/unsd/class/intercop/newsletter/newsletter_31e.pdf

² Statistics Division (ESS), Valentina.Ramaschiello@fao.org

³ Fisheries and Aquaculture Department (FI), Stefania.Vannuccini@fao.org

The FAO proposal for the HS 2017 was a corporate effort carried out by a number of FAO Divisions along with national and international partners such as:

- for fishery products: the National Oceanic and Atmospheric Administration (NOAA), the U.S. Fish and Wildlife Service, and the U.S. Department of State⁴;
- for forest products: Eurostat, the International Tropical Timber Organization (ITTO) and the United Nations Economic Commission for Europe (UNECE);
- for agricultural machinery: VDMA (*Verband Deutscher Maschinen- und Anlagenbau*), AAPRESID (*Asociación Argentina de Productores en Siembra Directa*) and ABIMAQ (*Associação Brasileira da Indústria de Máquinas e Equipamentos*).

The proposals were discussed in several meetings over three years⁵. As of today, the large majority of the FAO proposals are **accepted** by the HS Review Sub-Committee, the HS Committee and the WCO Council (Table 1, Appendix 1 and 2). In particular:

- **3** new subheadings are created for agricultural products
- **2** new subheadings are created for fertilizers
- **11** new subheadings are created for agricultural machinery
- **36** new subheadings are created and **36** subheadings are improved for fishery products
- **31** new subheadings are created and **8** subheadings are improved for forest products⁶

The majority of changes go beyond detail available in CPC ver.2.1. (while contribution to the HS 2012 aimed at improving detail in the HS in line with what available in CPC).

In addition to its proposal, FAO was invited to comment on a list of **items proposed for deletion** due to low amounts of trade. Deletion of codes based on low volume of trade is a regular procedure in the HS review; the list was prepared⁷ by the WCO Secretariat based on UN Comtrade data. FAO submitted justifications and documentation to retain some of the codes in the light of food security or environmental sustainability considerations: the RSC members unanimously agreed to **retain** all items indicated by the FAO (Table 2).

⁴ Proposed improvement of coverage for sharks and shark fins.

⁵ The documents were discussed at the 43rd - 47th sessions of the HS Review Sub-Committee (RSC), the 51st - 53th and 55th sessions of the HS Committee, and the WCO Council in June 2014; some proposals on forest products will be discussed at the next WCO Council in June 2015.

⁶ Due to legal procedures, some of the amendements on forest products will enter into force on 1 January 2018; however countries are encourage to apply changes from 1 January 2017.

⁷ 45th Session of the RSC.

Table 1: Summary of the changes to HS 2017 (FAO proposals)

DOMAIN	ITEMS	TYPE OF AMENDMENT	STATUS	PRESENTED BY
Agricultural commodities	Citrus fruit	Increase detail on mandarins and clementines	approved	FAO Statistics Division (ESS) in cooperation with FAO Trade and Markets Division
	Teff	Move Teff in a different aggregate (from “millet” to “other cereals”)	not approved	FAO ESS in cooperation with CountrySTAT project and the Central Statistical Agency of Ethiopia
Fertilizers	Superphosphates	Add detail on P ₂ O ₅ concentration	approved	FAO ESS
Agricultural machinery	Tractors	Change terminology and increase detail on engine power	approved	FAO ESS in cooperation with FAO Agriculture and Consumer Protection Department, VDMA, AAPRESID, ABIMAQ
	Seeders, planters and transplanters	Add detail on no-till machinery	approved	
	Manure spreaders & fertilizers distributors	Split the two	approved	
	Other agricultural machinery	Identify agricultural sprayers, also adding detail on portable and other sprayers	approved	
Fishery products	Carp species	Expand the coverage by species of existing codes	approved	FAO FI Department
	Pelagic species	Expand the coverage by species of existing codes	approved	
	Edible offals of fish	Additional codes added in fresh and frozen forms	approved	
	Freshwater, <i>Gadiformes</i> , pelagic species	Insert additional codes by group of species under dried fish	approved	
	Cuttlefish and squid	Expand the coverage by species of existing codes	approved	

	<i>Stromboid</i> conchs	Insert new codes for <i>Stromboid</i> conchs	approved	
	Sharks and rays and skates	Insert additional codes by product forms (fins, meat, etc) and preservation state (fresh, frozen, cured, prepared and preserved)	approved	
	Shark fins	Expand the coverage by species of shark fins in cured forms (i.e. dried, salted or in brine, etc.)	not approved	In cooperation with: NOAA, the U.S. Fish and Wildlife Service, and the U.S. Department of State
	Crustaceans, molluscs, other aquatic invertebrates	Insert additional codes by preservation state	approved	
Forest products	Logs, sawnwood, veneer and plywood	Increase detail on coniferous, non-coniferous, tropical and temperate species and on dimension (15 cm or more)	approved*	FAO Forestry Department in cooperation with: Eurostat, ITTO, UNECE
	Wood processing residues	Increase detail on sawdust and wood waste scrap agglomerated in logs, briquettes and pellets	approved*	
	Prefabricated buildings	Increased detail on prefabricated buildings made of woods	approved	
	Tropical wood species	Revise and expand explanatory note	approved	

* The amendments will enter into force the 1st January 2018

Table 2: HS items related to agriculture, fishery and forestry candidate for deletion and then retained

HS 2012 CODES	DEFINITIONS
1203	Copra
2305	Oil-cake and other solid residues, whether or not ground or in the form of pellets, resulting from the extraction of ground-nut oil.
5302	True hemp (<i>Cannabis sativa L.</i>), raw or processed but not spun; tow and waste of true hemp (including yarn waste and garnetted stock).
0106.12	Whales, dolphins and porpoises (mammals of the order <i>Cetacea</i>); manatees and dugongs (mammals of the order <i>Sirenia</i>).
0301.94	Atlantic and Pacific bluefin tunas (<i>Thunnus thynnus</i> , <i>Thunnus orientalis</i>).
0301.95	Southern bluefin tunas (<i>Thunnus maccoyii</i>).
0304.91	Swordfish (<i>Xiphias gladius</i>).
0304.92	Toothfish (<i>Dissostichus spp.</i>).
0506.10	Ossein and bones treated with acid.
0507.10	Ivory; ivory powder and waste.
0711.51	Mushrooms of the genus <i>Agaricus</i> (under vegetables provisionally preserved, but unsuitable in that state for immediate consumption).
0712.32	Wood ears (<i>Auricularia spp.</i>) (under dried vegetables, whole, cut, sliced, broken or in powder, but not further prepared).
0712.33	Jelly fungi (<i>Tremella spp.</i>) (under dried vegetables, whole, cut, sliced, broken or in powder, but not further prepared).
1210.10	Hop cones, neither ground nor powdered nor in the form of pellets.
4106.31	Of swine, in the wet state (including wet-blue) (under tanned or crust hides and skins of other animals, without wool or hair on, whether or not split, but not further prepared).
4106.32	Of swine, in the dry state (crust) (under tanned or crust hides and skins of other animals, without wool or hair on, whether or not split, but not further prepared).
4302.20	Heads, tails, paws and other pieces or cuttings, not assembled (under tanned or dressed furskins, unassembled, or assembled).
4402.10	Of bamboo (under wood in the rough, whether or not stripped of bark or sapwood, or roughly squared).
4408.31	Dark Red Meranti, Light Red Meranti and Meranti Bakau (under sheets for veneering [...]).
4601.22	Of rattan (under plaits and similar products [...]).
4601.92	Of bamboo (under plaits and similar products [...]).
4601.93	Of rattan (under plaits and similar products [...]).
4704.11	Coniferous (under chemical wood pulp, sulphite, other than dissolving grades).
4805.12	Straw fluting paper (under other uncoated paper and paperboard [...]).
4823.61	Of bamboo (under other paper, paperboard, cellulose wadding and webs of cellulose fibres [...]).
5105.21	Combed wool in fragments (under wool and fine or coarse animal hair, carded or combed).
5301.10	Flax, raw or retted .
5308.10	Coir yarn.
5308.20	True hemp yarn.

Appendix 1

Detail on changes to the HS 2017 for agriculture and fishery products, fertilizers and agricultural machinery (FAO proposals)

Agricultural commodities

CITRUS FRUIT

Increased detail on mandarins and clementines (three new subheadings created).

NEW HS 2017	HS 2012	LINK TO CPC VER.2.1
- Mandarins (including tangerines and satsumas), clementines, wilkings and similar citrus hybrids : 0805.21 Mandarins (including tangerines and satsumas) 0805.22 Clementines 0805.29 Other	0805.20 - Mandarins (including tangerines and satsumas); clementines, wilkings and similar citrus hybrids	One-to-one link to CPC ver.2.1 expanded: 01324.01 Tangerines and mandarins 01324.02 Clementines

TEFF

FAO, in cooperation with the CountrySTAT project and the Ethiopian Central Statistical Agency (CSA), and with the support of the Ethiopian Revenues & Customs Authority⁸, submitted to the WCO a proposal to move **Teff** (*Eragrostis tef*) from the aggregate 1008.2 "Millet" to the aggregate 1008.90 "Other cereals". The HSC felt that a change of the international structure was not needed as Teff concerned mainly one country only and, therefore, the proposal was not accepted.

Fertilizers

SUPERPHOSPHATES

Increased detail on superphosphate according to P₂O₅ concentration (two new subheadings created, above and below 35%).

NEW HS 2017	HS 2012	CPC VER.2.1
- Superphosphates: 3103.11 -- Containing by weight 35% or more of diphosphorus pentaoxide (P₂O₅) 3103.19 -- Other	3103.10 - Superphosphates	34621 Superphosphate

⁸ When consulted, the Ethiopian Revenues & Customs Authority also agreed with the fact that Teff and Millet are different cereals in Ethiopia; Teff is mainly exported in the form of flour.

Agricultural machinery

NO-TILL SEEDERS

Increased detail on no-till and other direct seeders, planters and transplanters (two new subheadings created).

NEW HS 2017	HS 2012	CPC VER.2.1
- Seeders, planters and transplanters 8432.31 – No-till direct seeders, planters and transplanters 8432.39 – Other	8432.30 - Seeders, planters and transplanters	44113 - Seeders, planters and transplanters

MANURE SPREADERS AND FERTILIZER DISTRIBUTORS

Increased detail on manure spreaders and fertilizer distributors (two new subheadings created).

NEW HS 2017	HS 2012	CPC VER.2.1
- Manure spreaders and fertilizer distributors 8432.41 -- Manure spreaders 8432.49-- Fertilizer distributors	8432.40 - Manure spreaders and fertiliser distributors	44114 - Manure spreaders and fertilizer distributors

SPRAYERS

The RSC had postponed decision on this issue until the 46th session of the HS RSC as the FAO proposal overlapped with a request from the United States to introduce detail on sprayers used against malaria. The two proposals raised concern on how to identify these equipment. The FAO proposal was finally approved after the US withdrew their proposal on sprayers against malaria at the 52nd Session of the HS Committee.

Increased detail on sprayers for agricultural statistics, including additional breakdown on portable and other sprayers.

NEW HS 2017	HS 2012	CPC VER.2.1
- Agricultural or horticultural sprayers: 8424.41 -- Portable sprayers 8424.49 -- Other	8424.81 -- Agricultural or horticultural	44150 Mechanical appliances for projecting, dispersing or spraying liquids or powders for agriculture or horticulture

TRACTORS

Changed the label of “pedestrian controlled tractor” into “single axle tractors” (the proposal to change the label “track-laying tractors” into “crawlers” and “other” into “double axles tractor” was not approved).

Increased detail on engine power rate of double axles tractor (five new subheadings created).

NEW HS 2017	HS 2012	CPC VER.2.1
8701.10 - Single axle tractors	8701.10 - Pedestrian controlled tractors	44141 Pedestrian controlled tractors
- Other, of an engine power: 8701.91 -- Not exceeding 18 kW 8701.92 -- Exceeding 18 kW but not exceeding 37 kW 8701.93 -- Exceeding 37 kW but not exceeding 75 kW 8701.94 -- Exceeding 75 kW but not exceeding 130 kW 8701.95 -- Exceeding 130 kW	8701.90 - Other	44149 Other agricultural tractors

Fishery

CARP SPECIES

Expanded scope of existing subheadings for carp species to include other main carp species, as for example other *Cyprinus* and *Carassius* species, catla (*Catla catla*) and *Labeo* spp.

NEW HS 2017	HS 2012	CPC VER.2.1
- Other live fish 0301.93 -- Carp (<i>Cyprinus spp.</i> , <i>Carassius spp.</i> , <i>Ctenopharyngodon idellus</i> , <i>Hypophthalmichthys spp.</i> , <i>Cirrhinus spp.</i> , <i>Mylopharyngodon piceus</i> , <i>Catla catla</i> , <i>Labeo spp.</i> , <i>Osteochilus hasselti</i> , <i>Leptobarbus hoeveni</i> , <i>Megalobrama spp.</i>)	0301.93 - Carp (<i>Cyprinus carpio</i> , <i>Carassius carassius</i> , <i>Ctenopharyngodon idellus</i> , <i>Hypophthalmichthys spp.</i> , <i>Cirrhinus spp.</i> , <i>Mylopharyngodon piceus</i>) 0301.99 – Other	04191* Other wild live fish, not for human consumption, including seeds and feeds for aquaculture 04192* Other farmed live fish, not for human consumption, including seeds and feeds for aquaculture 04211* Wild freshwater fish, live, fresh or chilled 04212* Farmed freshwater fish, live, fresh or chilled (In HS 2012 also link to 04291* and 04292*)
-Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i> , <i>Silurus spp.</i> , <i>Clarias spp.</i> , <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i> , <i>Carassius spp.</i> , <i>Ctenopharyngodon idellus</i> ,	- Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i> , <i>Silurus spp.</i> , <i>Clarias spp.</i> , <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i> , <i>Carassius carassius</i> ,	

<p><i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo</i> spp., <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama</i> spp.), eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.), excluding edible fish offal of subheading 0302.9:</p> <p>0302.73 -- Carp (<i>Cyprinus</i> spp., <i>Carassius</i> spp., <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo</i> spp., <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama</i> spp.)</p>	<p><i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.), excluding livers and roes :</p> <p>0302.73 - Carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>)</p> <p>0302.89 – Other</p>	<p>04211* Wild freshwater fish, live, fresh or chilled 04212* Farmed freshwater fish, live, fresh or chilled</p> <p>(In HS 2012 also link to 04291* and 04292*)</p>
<p>- Tilapias (<i>Oreochromis</i> spp.), catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.), carp (<i>Cyprinus</i> spp., <i>Carassius</i> spp., <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo</i> spp., <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama</i> spp.), eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.), excluding livers and roes:</p> <p>0303.25 -- Carp (<i>Cyprinus</i> spp., <i>Carassius</i> spp., <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo</i> spp., <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama</i> spp.)</p>	<p>- Tilapias (<i>Oreochromis</i> spp.), catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.), excluding livers and roes :</p> <p>0303.25 - Carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>)</p> <p>0303.89 – Other</p>	<p>21211* Freshwater fish, frozen</p> <p>(In HS 2012 also link to 21219*)</p>
<p>0304.3 - Fresh or chilled fillets of tilapias (<i>Oreochromis</i> spp.), catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.), carp (<i>Cyprinus</i> spp., <i>Carassius</i> spp., <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo</i> spp., <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama</i> spp.), eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.)</p> <p>0304.39 --Other</p>	<p>0304.3 - Fresh or chilled fillets of tilapias (<i>Oreochromis</i> spp.), catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>, eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.)</p> <p>0304.49 -- Other</p>	<p>21221* Fish fillets and fish meat</p>

		(whether or not minced), fresh or chilled
<p>- Other fresh or chilled</p> <p>0304.51 -- Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p>	<p>0304.51 - Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0304.59 – Other</p>	21221* Fish fillets and fish meat (whether or not minced), fresh or chilled
<p>- Frozen fillets of tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0304.69 - Other</p>	<p>- Frozen fillets of tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0304.89 – Other</p>	21222* Fish fillets, frozen
<p>- Other, frozen</p> <p>0304.93 -- Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p>	<p>0304.93 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0304.99 – Other</p>	21223* Fish meat, whether or not minced, frozen
<p>- Fish fillets, dried, salted or in brine, but not smoked</p> <p>0305.31 -- Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>),</p>	<p>0305.31 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>,</p>	21224* Fish fillets, dried, salted or in brine, but not smoked

<p>carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p>	<p><i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0305.39 – Other</p>	
<p>- Smoked fish, including fillets, other than edible fish offal</p> <p>[0305.44 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p>	<p>0305.44 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0305.49 – Other</p>	<p>21232* Fish including fillets, smoked</p>
<p>- Fish, salted but not dried or smoked and fish in brine, other than edible fish offal</p> <p>0305.64 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p>	<p>0305.64 – Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus carpio</i>, <i>Carassius carassius</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>)</p> <p>0305.69 – Other</p>	<p>21231* Fish, dried, but not smoked; salted, but not dried or smoked; or in brine</p>

PELAGIC SPECIES

Expanded scope of existing subheadings for pelagic species and creation of additional residual (i.e. “other”) subheadings to include other main pelagic species, including Indian

mackerels (*Rastrelliger spp.*), seerfishes (*Scomberomorus spp.*), jacks, crevalles (*Caranx spp.*), silver pomfrets (*Pampus spp.*), Pacific saury (*Cololabis saira*), scads (*Decapterus spp.*), capelin (*Mallotus villosus*), Kawakawa (*Euthynnus affinis*), bonitos (*Sarda spp.*), marlins, sailfishes, spearfish (*Istiophoridae*)

NEW HS 2017	HS 2012	CPC VER.2.1
<p>03.02 Fish, fresh or chilled, excluding fish fillets and other fish meat of heading 03.04</p> <p>0302.4 -Herrings (<i>Clupea harengus</i>, <i>Clupea pallasii</i>), anchovies (<i>Engraulis spp.</i>), sardines (<i>Sardina pilchardus</i>, <i>Sardinops spp.</i>), sardinella (<i>Sardinella spp.</i>), brisling or sprats (<i>Sprattus sprattus</i>), mackerel (<i>Scomber scombrus</i>, <i>Scomber australasicus</i>, <i>Scomber japonicus</i>), Indian mackerels (<i>Rastrelliger spp.</i>), seerfishes (<i>Scomberomorus spp.</i>), jack and horse mackerel (<i>Trachurus spp.</i>), jacks, crevalles (<i>Caranx spp.</i>), cobia (<i>Rachycentron canadum</i>), silver pomfrets (<i>Pampus spp.</i>), Pacific saury (<i>Cololabis saira</i>), scads (<i>Decapterus spp.</i>), capelin (<i>Mallotus villosus</i>), swordfish (<i>Xiphias gladius</i>), Kawakawa (<i>Euthynnus affinis</i>), bonitos (<i>Sarda spp.</i>), marlins, sailfishes, spearfish (<i>Istiophoridae</i>), excluding edible fish offal of subheading 0302.9</p> <p>0302.49 --Other</p>	<p>0302.4 - Herrings (<i>Clupea harengus</i>, <i>Clupea pallasii</i>), anchovies (<i>Engraulis spp.</i>), sardines (<i>Sardina pilchardus</i>, <i>Sardinops spp.</i>), sardinella (<i>Sardinella spp.</i>), brisling or sprats (<i>Sprattus sprattus</i>), mackerel (<i>Scomber scombrus</i>, <i>Scomber australasicus</i>, <i>Scomber japonicus</i>), jack and horse mackerel (<i>Trachurus spp.</i>), cobia (<i>Rachycentron canadum</i>) and swordfish (<i>Xiphias gladius</i>), excluding livers and roes</p> <p>0302.89 – Other</p>	<p>04291* Other wild fish, live, fresh or chilled 04292* Other farmed fish, live, fresh or chilled</p>
<p>0303.5 - Herrings (<i>Clupea harengus</i>, <i>Clupea pallasii</i>), anchovies (<i>Engraulis spp.</i>), sardines (<i>Sardina pilchardus</i>, <i>Sardinops spp.</i>), sardinella (<i>Sardinella spp.</i>), brisling or sprats (<i>Sprattus sprattus</i>), mackerel (<i>Scomber scombrus</i>, <i>Scomber australasicus</i>, <i>Scomber japonicus</i>), Indian mackerels (<i>Rastrelliger spp.</i>), seerfishes (<i>Scomberomorus spp.</i>), jack and horse mackerel (<i>Trachurus spp.</i>), jacks, crevalles (<i>Caranx spp.</i>), cobia (<i>Rachycentron canadum</i>), silver pomfrets (<i>Pampus spp.</i>), Pacific saury (<i>Cololabis saira</i>), scads (<i>Decapterus spp.</i>), capelin (<i>Mallotus villosus</i>), swordfish (<i>Xiphias gladius</i>), Kawakawa (<i>Euthynnus affinis</i>), bonitos (<i>Sarda spp.</i>), marlins,</p>	<p>0303.5 - Herrings (<i>Clupea harengus</i>, <i>Clupea pallasii</i>), sardines (<i>Sardina pilchardus</i>, <i>Sardinops spp.</i>), sardinella (<i>Sardinella spp.</i>), brisling or sprats (<i>Sprattus sprattus</i>), mackerel (<i>Scomber scombrus</i>, <i>Scomber australasicus</i>, <i>Scomber japonicus</i>), jack and horse mackerel (<i>Trachurus spp.</i>), cobia (<i>Rachycentron canadum</i>) and swordfish (<i>Xiphias gladius</i>), excluding livers and roes</p> <p>0303.89 – Other</p>	<p>21216* Other pelagic fish, frozen (In HS 2012 also 21219*)</p>

sailfishes, spearfish (<i>Istiophoridae</i>), excluding edible fish offal of subheading 0302.9		
0303.59 --Other		

EDIBLE FISH OFFAL AND EXPANSION OF SHARK FINS

Expanded scope of existing subheadings 0302.9 and 0303.9 to include fish fins, heads, tails, maws and other edible fish offal. Included a new subheading for shark fins in prepared and preserved form.

NEW HS 2017	HS 2012	CPC VER.2.1
- Livers, roes, milt, fish fins, heads, tails, maws and other edible fish offal :		
0302.91 -- Livers, roes and milt	0302.90 – Livers and roes	21225
0302.92 -- Shark fins	0302.81 – Dogfish and other sharks	04291*
0302.99 -- Other	0302.11-.89	04211*, 04212*, 04221*, 04222*, 04231*, 04232*, 04241*, 04242*, 04251*, 04252*, 04291*, 04292*
- Livers, roes, milt, fish fins, heads, tails, maws and other edible fish offal :		
0303.91 -- Livers, roes and milt	0303.90 – Livers and roes	21226*
0303.92 -- Shark fins	0303.81 – Dogfish and other sharks	21219*
0303.99 -- Other	0303.11-.89	21211*, 21212*, 21213*, 21214*, 21215*, 21216*, 21219*
- Fish, whole or in pieces, but not minced: 1604.18 -- Shark fins	1604.19 -- Other	21242*

SHARKS, SKATES AND RAYS

In addition to the insertion of shark fins in different preservation states, inserted new subheadings by product forms and preservation state for other sharks and skates and rays.

NEW HS 2017	HS 2012	CPC VER.2.1
- Fish fillets and other fish meat (whether or not minced), fresh, chilled or frozen 0304.47 -- Dogfish and other sharks 0304.48 -- Rays and skates (<i>Rajidae</i>)	0304.49 – Other	21221*
- Other fresh or chilled 0304.56 -- Dogfish and other sharks 0304.57 -- Rays and skates (<i>Rajidae</i>)	0304.59 – Other	21221*
- Frozen fillets of other fish: 0304.88 -- Dogfish, other sharks, rays and skates (<i>Rajidae</i>)	0304.89 – Other	21222*
- Other, frozen 0304.96 -- Dogfish and other sharks 0304.97 -- Rays and skates (<i>Rajidae</i>)	0304.99 – Other	21223*

DRIED FISH, WHETHER OR NOT SALTED

Inserted new subheadings by group of species for dried fish, whether or not salted

NEW HS 2017	HS 2012	CPC VER.2.1
- Dried fish, other than edible fish offal, whether or not salted, but not smoked : [...] 0305.52 -- Tilapias (<i>Oreochromis spp.</i>), catfish (<i>Pangasius spp.</i>, <i>Silurus spp.</i>, <i>Clarias spp.</i>, <i>Ictalurus spp.</i>), carp (<i>Cyprinus spp.</i>, <i>Carassius spp.</i>, <i>Ctenopharyngodon idellus</i>, <i>Hypophthalmichthys spp.</i>, <i>Cirrhinus spp.</i>, <i>Mylopharyngodon piceus</i>, <i>Catla catla</i>, <i>Labeo spp.</i>, <i>Osteochilus hasselti</i>, <i>Leptobarbus hoeveni</i>, <i>Megalobrama spp.</i>), eels (<i>Anguilla spp.</i>), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa spp.</i>) 0305.53 -- Fish of the families <i>Bregmacerotidae</i>, <i>Euclichthyidae</i>, <i>Gadidae</i>, <i>Macrouridae</i>, <i>Melanonidae</i>, <i>Merlucciidae</i>, <i>Moridae</i> and <i>Muraenolepididae</i>, other than cod (<i>Gadus morhua</i>, <i>Gadus ogac</i>, <i>Gadus macrocephalus</i>)	0305.59 -- Other	21231*

<p>0305.54 -- Herrings (<i>Clupea harengus</i>, <i>Clupea pallasii</i>), anchovies (<i>Engraulis spp.</i>), sardines (<i>Sardina pilchardus</i>, <i>Sardinops spp.</i>), sardinella (<i>Sardinella spp.</i>), brisling or sprats (<i>Sprattus sprattus</i>), mackerel (<i>Scomber scombrus</i>, <i>Scomber australasicus</i>, <i>Scomber japonicus</i>), Indian mackerels (<i>Rastrelliger spp.</i>), seerfishes (<i>Scomberomorus spp.</i>), jack and horse mackerel (<i>Trachurus spp.</i>), jacks, crevalles (<i>Caranx spp.</i>), cobia (<i>Rachycentron canadum</i>), silver pomfrets (<i>Pampus spp.</i>), Pacific saury (<i>Cololabis saira</i>), scads (<i>Decapterus spp.</i>), capelin (<i>Mallotus villosus</i>), swordfish (<i>Xiphias gladius</i>), Kawakawa (<i>Euthynnus affinis</i>), bonitos (<i>Sarda spp.</i>), marlins, sailfishes, spearfish (<i>Istiophoridae</i>)</p>		
--	--	--

CRUSTACEANS

Subheadings from 0306.2 to 0306.29 revised to separate not frozen crustaceans into “live, fresh or chilled” and “other”. This change improved the linkage between HS and CPC.

NEW HS 2017	HS 2012	CPC VER.2.1
- Live, fresh or chilled	-Not frozen :	
0306.31 -- Rock lobster and other sea crawfish (<i>Palinurus spp.</i> , <i>Panulirus spp.</i> , <i>Jasus spp.</i>)	0306.21 -- Rock lobster and other sea crawfish (<i>Palinurus spp.</i> , <i>Panulirus spp.</i> , <i>Jasus spp.</i>)	- 0432
0306.32 -- Lobsters (<i>Homarus spp.</i>)	0306.22 -- Lobsters (<i>Homarus spp.</i>)	- 04331, 04332
0306.33 -- Crabs	0306.24 -- Crabs	- 04311, 04312
0306.34 -- Norway lobsters (<i>Nephrops norvegicus</i>)	0306.25 -- Norway lobsters (<i>Nephrops norvegicus</i>)	- 04341, 04342
0306.35 -- Cold-water shrimps and prawns (<i>Pandalus spp.</i> , <i>Crangon crangon</i>)	0306.26 -- Cold-water shrimps and prawns (<i>Pandalus spp.</i> , <i>Crangon crangon</i>)	- 04351, 04352, 04361*, 04362*,
0306.36 -- Other shrimps and prawns	0306.27 -- Other shrimps and prawns	- 04361, 04362
0306.39 -- Other, including flours, meals and pellets of crustaceans, fit for human consumption	0306.29 -- Other, including flours, meals and pellets of crustaceans, fit for human consumption	- 04391, 04392
- Other :		
0306.91 -- Rock lobster and other sea crawfish (<i>Palinurus spp.</i> , <i>Panulirus spp.</i> , <i>Jasus spp.</i>)		- 21252*
0306.92 -- Lobsters (<i>Homarus spp.</i>)		- 21253*
0306.93 -- Crabs		- 21251*
0306.94 -- Norway lobsters (<i>Nephrops norvegicus</i>)		- 21254*
0306.95 -- Shrimps and prawns		- 21255*, 21256*

0306.99 -- Other, including flours, meals and pellets of crustaceans, fit for human consumption		- 21259*
---	--	----------

CEPHALOPODS

Expanded the scope of subheading 0307.4 for cuttlefish and squid to include other species, in particular, species of families *Illex* and *Todarodes*, in addition to the separation of “other, not live, fresh or chilled” species, into “frozen” and “other”.

NEW HS 2017	HS 2012	CPC VER.2.1
<p>- Cuttle fish and squid : 0307.42 -- Live, fresh or chilled 0307.43 -- Frozen 0307.49 -- Other</p>	<p>- Cuttle fish (<i>Sepia officinalis</i>, <i>Rossia macrosoma</i>, <i>Sepioloa spp.</i>) and squid (<i>Ommastrephes spp.</i>, <i>Loligo spp.</i>, <i>Nototodarus spp.</i>, <i>Sepioteuthis spp.</i>) : 0307.41 -- Live, fresh or chilled 0307.49 – Other 0307.91 -- Live, fresh or chilled 0307.99 – Other</p>	<p>- 04461, 04462 (In HS2012 also part of 04491* and 04492*) - 21266* (In HS2012 also part of 21268*) - 21266* (In HS2012 also part of 21268*)</p>

STROMBOID CONCHS AND ABALONE

Inserted new subheadings for *Stromboid* conchs, in addition to the separation of “other, not live, fresh or chilled” abalone, into “frozen” and “other”

NEW HS 2017	HS 2012	CPC VER.2.1
<p>- Abalone (<i>Haliotis spp.</i>) and stromboid conchs (<i>Strombus spp.</i>): 0307.81 -- Live, fresh or chilled abalone (<i>Haliotis spp.</i>) 0307.82 -- Live, fresh or chilled stromboid conchs (<i>Strombus spp.</i>) 0307.83 -- Frozen abalone (<i>Haliotis spp.</i>) 0307.84 -- Frozen stromboid conchs (<i>Strombus spp.</i>) 0307.87 -- Other abalone (<i>Haliotis spp.</i>) 0307.88 -- Other stromboid conchs (<i>Strombus spp.</i>)</p>	<p>Abalone (<i>Haliotis spp.</i>) : 0307.81 -- Live, fresh or chilled 0307.89 – Other</p> <p>- Other, including flours, meals and pellets, fit for human consumption: 0307.91 -- Live, fresh or chilled 0307.99 – Other</p>	<p>- 04411, 04412 - 04491*, 04492* - 21261* - 21268*, 21269* - 21261* - 21268*, 21269*</p>

OTHER MOLLUSCS

Subheadings 0307.19, 0307.29, 0307.39, 0307.59, 0307.79 and 0307.99 revised to separate not live, fresh or chilled species into “frozen” and “other”.

NEW HS 2017	HS 2012	CPC VER.2.1
- Oysters : 0307.12 -- Frozen 0307.19 -- Other	- Oysters : 0307.19 -- Other	21262*
- Scallops, including queen scallops, of the genera <i>Pecten</i> , <i>Chlamys</i> or <i>Placopecten</i> : 0307.22 -- Frozen 0307.29 -- Other	- Scallops, including queen scallops, of the genera <i>Pecten</i> , <i>Chlamys</i> or <i>Placopecten</i> : 0307.29 -- Other	21264*
- Mussels (<i>Mytilus spp.</i> , <i>Perna spp.</i>) : 0307.32 -- Frozen 0307.39 -- Other	- Mussels (<i>Mytilus spp.</i> , <i>Perna spp.</i>) : 0307.39 -- Other	21263*
- Octopus (<i>Octopus spp.</i>) : 0307.52 -- Frozen 0307.59 -- Other	- Octopus (<i>Octopus spp.</i>) : 0307.59 -- Other	21267*
- Clams, cockles and ark shells (families <i>Arcidae</i> , <i>Arcticidae</i> , <i>Cardiidae</i> , <i>Donacidae</i> , <i>Hiatellidae</i> , <i>Maclridae</i> , <i>Mesodesmatidae</i> , <i>Myidae</i> , <i>Semelidae</i> , <i>Solecurtidae</i> , <i>Solenidae</i> , <i>Tridacnidae</i> and <i>Veneridae</i>) : 0307.72 -- Frozen 0307.79 -- Other	- Clams, cockles and ark shells (families <i>Arcidae</i> , <i>Arcticidae</i> , <i>Cardiidae</i> , <i>Donacidae</i> , <i>Hiatellidae</i> , <i>Maclridae</i> , <i>Mesodesmatidae</i> , <i>Myidae</i> , <i>Semelidae</i> , <i>Solecurtidae</i> , <i>Solenidae</i> , <i>Tridacnidae</i> and <i>Veneridae</i>) : 0307.79 -- Other	21265*
- Other, including flours, meals and pellets, fit for human consumption: 0307.92 -- Frozen 0307.99 -- Other	- Other, including flours, meals and pellets, fit for human consumption: 0307.99 -- Other	21268*

AQUATIC INVERTEBRATES

Subheadings 0308.19 and 0308.29 revised to split not live, fresh or chilled species into “frozen” and “other”.

NEW HS 2017	HS 2012	CPC VER.2.1
- Sea cucumbers (<i>Stichopus japonicus</i> , <i>Holothurioidea</i>) : 0308.12 -- Frozen 0308.19 -- Other	Sea cucumbers (<i>Stichopus japonicus</i> , <i>Holothurioidea</i>) : 0308.19 -- Other	- 04511* - 04512*
- Sea urchins (<i>Strongylocentrotus spp.</i> , <i>Paracentrotus lividus</i> , <i>Loxechinus albus</i> , <i>Echichinus esculentus</i>) : 0308.22 -- Frozen 0308.29 -- Other	- Sea urchins (<i>Strongylocentrotus spp.</i> , <i>Paracentrotus lividus</i> , <i>Loxechinus albus</i> , <i>Echichinus esculentus</i>) : 0308.29 -- Other	- 04521* - 04522*

Appendix 2

Detail on changes to the HS 2017 for forest products (FAO proposals)⁹

<p align="center">HS 2012 (currently into effect)</p> <p>Available at: http://www.wcoomd.org/en/topics/nomenclature/instrument-and-tools/hs_nomenclature_2012/hs_nomenclature_table_2012.aspx</p>	<p align="center">HS 2017 (new from 2017)</p> <p>Approved (in force from 1 Jan 2017) = highlighted green Approved (in force from 1 Jan 2018) = highlighted yellow</p>
<p align="center">Chapter 44</p> <p align="center">Wood and articles of wood; wood charcoal</p> <p>...</p> <p>Subheading Notes.</p> <p>1.- For the purposes of subheading 4401.31, the expression “wood pellets” means by-products such as cutter shavings, sawdust or chips, of the mechanical wood processing industry, furniture-making industry or other wood transformation activities, which have been agglomerated either directly by compression or by the addition of a binder in a proportion not exceeding 3 % by weight. Such pellets are cylindrical, with a diameter not exceeding 25 mm and a length not exceeding 100 mm.</p> <p>2.- For the purposes of subheadings 4403.41 to 4403.49, 4407.21 to 4407.29, 4408.31 to 4408.39 and 4412.31, the expression “tropical wood” means one of the following types of wood :</p> <p>Abura, Acajou d'Afrique, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dark Red Meranti, Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba, Jongkong, Kapur, Kempas, Keruing, Kosipo, Kotibé, Koto, Light Red Meranti, Limba, Louro, Maçaranduba, Mahogany, Makoré, Mandioqueira, Mansonia, Mengkulang, Meranti Bakau, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Obeche, Okoumé, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Palissandre de Para, Palissandre de Rio, Palissandre de Rose, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Ramin, Sapelli, Saqui-Saqui, Sepetir, Sipo, Sucupira, Suren, Tauari, Teak, Tiama, Tola, Virola, White Lauan, White Meranti, White Seraya, Yellow Meranti.</p>	<p align="center">Chapter 44</p> <p align="center">Wood and articles of wood; wood charcoal</p> <p>...</p> <p>Subheading Notes.</p> <p>1.- For the purposes of subheading 4401.31, the expression “wood pellets” means by-products such as cutter shavings, sawdust or chips, of the mechanical wood processing industry, furniture-making industry or other wood transformation activities, which have been agglomerated either directly by compression or by the addition of a binder in a proportion not exceeding 3 % by weight. Such pellets are cylindrical, with a diameter not exceeding 25 mm and a length not exceeding 100 mm.</p> <p>2.- For the purposes of subheadings 4403.41 to 4403.49, 4407.21 to 4407.29, 4408.31 to 4408.39 and 4412.31, the expression “tropical wood” means one of the following types of wood :</p> <p>Abura, Acajou d'Afrique, Afrormosia, Ako, Alan, Andiroba, Aningré, Avodiré, Azobé, Balau, Balsa, Bossé clair, Bossé foncé, Cativo, Cedro, Dabema, Dark Red Meranti, Dibétou, Doussié, Framiré, Freijo, Fromager, Fuma, Geronggang, Ilomba, Imbuia, Ipé, Iroko, Jaboty, Jelutong, Jequitiba, Jongkong, Kapur, Kempas, Keruing, Kosipo, Kotibé, Koto, Light Red Meranti, Limba, Louro, Maçaranduba, Mahogany, Makoré, Mandioqueira, Mansonia, Mengkulang, Meranti Bakau, Merawan, Merbau, Merpauh, Mersawa, Moabi, Niangon, Nyatoh, Obeche, Okoumé, Onzabili, Orey, Ovengkol, Ozigo, Padauk, Paldao, Palissandre de Guatemala, Palissandre de Para, Palissandre de Rio, Palissandre de Rose, Pau Amarelo, Pau Marfim, Pulai, Punah, Quaruba, Ramin, Sapelli, Saqui-Saqui, Sepetir, Sipo, Sucupira, Suren, Tauari, Teak, Tiama, Tola, Virola, White Lauan, White Meranti, White Seraya, Yellow Meranti.</p> <p>(NOTE DELETED)</p>

⁹ For additional information: Arvydas Lebedys, FAO Forestry Department, Arvydas.Lebedys@fao.org

Heading	H.S. Code		Heading	H.S. Code	
44.01		Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms; wood in chips or particles; sawdust and wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms.	44.01		Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms; wood in chips or particles; sawdust and wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms.
	4401.10	- Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms			- Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms :
		- Wood in chips or particles :		4401.11	-- Coniferous
	4401.21	-- Coniferous		4401.12	-- Non-coniferous
	4401.22	-- Non-coniferous	4401.21		-- Coniferous
		- Sawdust and wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms :	4401.22		-- Non-coniferous
	4401.31	-- Wood pellets			- Sawdust and wood waste and scrap, agglomerated, in logs, briquettes, pellets or similar forms :
	4401.39	-- Other	4401.31		-- Wood pellets
...	...	...	4401.39		-- Other
44.03		Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared.	44.03		4401.40
	4403.10	- Treated with paint, stains, creosote or other preservatives			- Sawdust and wood waste and scrap, not agglomerated
		- Other, coniferous	...	...	...
	4403.20	- Other, coniferous	44.03		Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared.
		- Other, of tropical wood specified in Subheading Note 2 to this Chapter :			- Treated with paint, stains, creosote or other preservatives :
	4403.41	-- Dark Red Meranti, Light Red Meranti and Meranti Bakau		4403.11	-- Coniferous
	4403.49	-- Other		4403.12	-- Non-coniferous
		- Other :			- Other, coniferous :
	4403.91	-- Of oak (<i>Quercus spp.</i>)		4403.21	-- Of pine (<i>Pinus spp.</i>), of which any cross-sectional dimension is 15 cm or more
	4403.92	-- Of beech (<i>Fagus spp.</i>)		4403.22	-- Of pine (<i>Pinus spp.</i>), other
				4403.23	-- Of fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>), of which any cross-sectional dimension is 15 cm or more
				4403.24	-- Of fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>), other
				4403.25	-- Other, of which any cross-sectional dimension is 15 cm or more
				4403.26	-- Other
					- Other, of tropical wood :
			4403.41		-- Dark Red Meranti, Light Red Meranti and Meranti Bakau
			4403.49		-- Other
					- Other :
			4403.91		-- Of oak (<i>Quercus spp.</i>)
			4403.93		-- Of beech (<i>Fagus spp.</i>), of which any cross-sectional dimension is

	4403.99	-- Other
...
44.06		Railway or tramway sleepers (cross-ties) of wood.
	4406.10	- Not impregnated
	4406.90	- Other
44.07		Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end-jointed, of a thickness exceeding 6 mm.
	4407.10	- Coniferous
		- Of tropical wood specified in Subheading Note 2 to this Chapter :
	4407.21	-- Mahogany (<i>Swietenia spp.</i>)
	4407.22	-- Virola, Imbuia and Balsa
	4407.25	-- Dark Red Meranti, Light Red Meranti and Meranti Bakau
	4407.26	-- White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
	4407.27	-- Sapelli
	4407.28	-- Iroko
	4407.29	-- Other
		- Other :
	4407.91	-- Of oak (<i>Quercus spp.</i>)
	4407.92	-- Of beech (<i>Fagus spp.</i>)
	4407.93	-- Of maple (<i>Acer spp.</i>)
	4407.94	-- Of cherry (<i>Prunus spp.</i>)
	4407.95	-- Of ash (<i>Fraxinus spp.</i>)

		15 cm or more
	4403.94	-- Of beech (<i>Fagus spp.</i>), other
	4403.95	-- Of birch (<i>Betula spp.</i>), of which any cross-sectional dimension is 15 cm or more
	4403.96	-- Of birch (<i>Betula spp.</i>), other
	4403.97	-- Of poplar and aspen (<i>Populus spp.</i>)
	4403.98	-- Of eucalyptus (<i>Eucalyptus spp.</i>)
	4403.99	-- Other
...
44.06		Railway or tramway sleepers (cross-ties) of wood.
		- Not impregnated :
	4406.11	-- Coniferous
	4406.12	-- Non-coniferous
		- Other :
	4406.91	-- Coniferous
	4406.92	-- Non-coniferous
44.07		Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end-jointed, of a thickness exceeding 6 mm.
		- Coniferous :
	4407.11	-- Of pine (<i>Pinus spp.</i>)
	4407.12	-- Of fir (<i>Abies spp.</i>) and spruce (<i>Picea spp.</i>)
	4407.19	-- Other
		- Of tropical wood :
	4407.21	-- Mahogany (<i>Swietenia spp.</i>)
	4407.22	-- Virola, Imbuia and Balsa
	4407.25	-- Dark Red Meranti, Light Red Meranti and Meranti Bakau
	4407.26	-- White Lauan, White Meranti, White Seraya, Yellow Meranti and Alan
	4407.27	-- Sapelli
	4407.28	-- Iroko
	4407.29	-- Other
		- Other :
	4407.91	-- Of oak (<i>Quercus spp.</i>)
	4407.92	-- Of beech (<i>Fagus spp.</i>)
	4407.93	-- Of maple (<i>Acer spp.</i>)
	4407.94	-- Of cherry (<i>Prunus spp.</i>)
	4407.95	-- Of ash (<i>Fraxinus spp.</i>)

	4407.99	-- Other		4407.96	-- Of birch (<i>Betula spp.</i>)
				4407.97	-- Of poplar and aspen (<i>Populus spp.</i>)
				4407.99	-- Other
44.08		Sheets for veneering (including those obtained by slicing laminated wood), for plywood or for similar laminated wood and other wood, sawn lengthwise, sliced or peeled, whether or not planed, sanded, spliced or end-jointed, of a thickness not exceeding 6 mm.	44.08		Sheets for veneering (including those obtained by slicing laminated wood), for plywood or for similar laminated wood and other wood, sawn lengthwise, sliced or peeled, whether or not planed, sanded, spliced or end-jointed, of a thickness not exceeding 6 mm.
	4408.10	- Coniferous		4408.10	- Coniferous
		- Of tropical wood specified in Subheading Note 2 to this Chapter :			- Of tropical wood :
	4408.31	-- Dark Red Meranti, Light Red Meranti and Meranti Bakau		4408.31	-- Dark Red Meranti, Light Red Meranti and Meranti Bakau
	4408.39	-- Other		4408.39	-- Other
	4408.90	- Other		4408.90	- Other
44.09		Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved, rebated, chamfered, V-jointed, beaded, moulded, rounded or the like) along any of its edges, ends or faces, whether or not planed, sanded or end-jointed.	44.09		Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved, rebated, chamfered, V-jointed, beaded, moulded, rounded or the like) along any of its edges, ends or faces, whether or not planed, sanded or end-jointed.
	4409.10	- Coniferous		4409.10	- Coniferous
		- Non-coniferous :			- Non-coniferous :
	4409.21	-- Of bamboo		4409.21	-- Of bamboo
	4409.29	-- Other		4409.22	-- Of tropical wood
...	...	...	...	4409.29	-- Other
44.12		Plywood, veneered panels and similar laminated wood.	44.12		Plywood, veneered panels and similar laminated wood.
	4412.10	- Of bamboo		4412.10	- Of bamboo
		- Other plywood, consisting solely of sheets of wood (other than bamboo), each ply not exceeding 6 mm thickness :			- Other plywood, consisting solely of sheets of wood (other than bamboo), each ply not exceeding 6 mm thickness :
	4412.31	-- With at least one outer ply of tropical wood specified in Subheading Note 2 to this Chapter		4412.31	-- With at least one outer ply of tropical wood
	4412.32	-- Other, with at least one outer ply of non-coniferous wood		4412.33	-- Other, with at least one outer ply of non-coniferous wood of the species alder (<i>Alnus spp.</i>), ash (<i>Fraxinus spp.</i>), beech (<i>Fagus spp.</i>), birch (<i>Betula spp.</i>), cherry (<i>Prunus spp.</i>), chestnut (<i>Castanea spp.</i>), elm (<i>Ulmus spp.</i>), eucalyptus (<i>Eucalyptus spp.</i>), hickory (<i>Carya spp.</i>), horse chestnut (<i>Aesculus spp.</i>), lime (<i>Tilia spp.</i>), maple (<i>Acer spp.</i>), oak (<i>Quercus spp.</i>), plane tree (<i>Platanus spp.</i>), poplar and aspen (<i>Populus spp.</i>), robinia (<i>Robinia spp.</i>), tulipwood

					(<i>Liriodendron spp.</i>) or walnut (<i>Juglans spp.</i>)
			4412.34	-- Other, with at least one outer ply of non-coniferous wood not specified under Subheading 4412.33	
	4412.39	-- Other	4412.39	-- Other, with both outer plies of coniferous wood	
	- Other :		- Other :		
	4412.94	-- Blockboard, laminboard and battenboard	4412.94	-- Blockboard, laminboard and battenboard	
	4412.99	-- Other	4412.99	-- Other	
...	
94.06	9406.00	Prefabricated buildings.	94.06	Prefabricated buildings.	
			9406.10	- Of wood	
			9406.90	- Other	