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Impact of the HS 2012 amendments on CPC Version 2

UNSD

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1. Introduction

The Harmonized Commodity Description and Coding System (HS) is a detailed classification of products designed for international trade purposes. Due to its universal acceptance in the area of trade statistics, the detailed HS categories have been used as the building blocks for the goods categories of the Central Product Classification (CPC). While in earlier versions the CPC has been built on existing HS subheadings with only very few exceptions, the number of such exceptions has grown in subsequent versions of the CPC, mainly due to the fact that interest has grown in detailed product categories that are not reflected in the HS. Still, the general approach for the CPC is to respect the product detail given in the HS.

The Harmonized System is being revised on a 5-year schedule, with recent revisions taking place in 2002, 2007 and 2012. The previous versions of the CPC have taken these revisions into account and are respectively linked to the different HS revisions, namely CPC Ver.1.1 linked to HS 2002 and CPC Ver.2 linked to HS 2007.

In keeping with the mandate to review the CPC every five years, the new revision of the HS (HS 2012) and its impact on the link to the existing version of the CPC (CPC Ver.2) has been reviewed.

The following provides a summary of the findings and should form the basis for a decision by the Expert Group on whether the changes imposed on CPC require a revision or update of the CPC at this point. While reactions to most changes are straightforward, there are eight cases (affecting multiple CPC subclasses) that require special attention.

2. Different types of impact on CPC

The changes in HS2012 compared with HS2007 impact the CPC Ver.2 to varying degree. This is driven by the type of change carried out in the HS. HS 2012 includes 220 sets of accepted amendments, divided as follows: 98 relate to the agricultural sector; 27 to the chemical sector; 9 to the paper sector; 14 to the textile sector; 5 to the base metal sector; 30 to the machinery sector; and an additional 37 that apply to a variety of other sectors.

Overall, the changes can be allocated to two categories:

A – changes in the correspondence table between CPC and HS only, without splitting of existing links;

B – changes affecting the structure that cannot be simply expressed using the existing detail in the correspondence table.

The latter is usually the case if a completely new concept is introduced in the HS (such as bio-diesel in HS 2012).

Case A is the most common among the changes in the HS for 2012 (and also for previous revisions). This is due to two reasons. Firstly, many changes in the HS reflect the introduction of a more detail in a specific area, subdividing existing HS subheadings, in which case no impact on the structure exists and only the correspondence table is updated. Secondly, many changes in the HS reflect a reorganization (such as aggregation) of subheadings in a narrowly related area. Since HS subheadings are usually more detailed than the corresponding CPC subclass, i.e. a CPC subclass usually consists of more than one six-digit subheading of HS, such changes often happen within the same linked CPC subclass and have thus no impact on the CPC structure.

Of particular note for the HS 2012 revision of the HS is that many changes related to the introduction of more detail for agricultural and food products, products that have been reviewed in the revision of CPC Ver.2 and have already been present in great detail in CPC Ver.2, often going beyond the detail available in HS 2007 and therefore requiring partial links in the CPC-HS correspondence table. The introduction of additional detail in HS 2012 reflects the steps already taken in CPC, resulting in an improvement of the correspondence table by eliminating partial links.

Case B is of a more complex nature, since the changes introduced in HS are not compatible with the CPC structure. Thus they require either a change to the correspondence table introducing partial links or a change in the CPC structure itself.

These cases are more complicated and need more considerations. They usually involve remarkable changes in HS2012 which to some extent deteriorate the original accordance between CPC and HS. For instance, new concepts and new amendments are introduced into HS 2012 by adding new 4-digit headings or reallocation of products among subheadings among different chapters, which may cause significant changes of the CPC structure or its correspondent links.

3. Overall impact on CPC Ver.2

Annex 1 to this document shows the detailed set of changes required in the CPC to reflect the changes made in HS 2012.¹ The impact is shown by CPC subclass affected. It should

¹ The original published list of HS 2012 amendments is shown in background document ST/ESA/STAT/AC.234/Bk.4.

be noted that each change in the HS could potentially affect multiple CPC subclasses, although this practically is the case only for the complex issues discussed in the next section.

Summarizing the impact, the following scenarios could be observed:

1. In 150 cases, only an update of the HS link would be required, i.e. the scope of CPC subclasses involved remains unchanged. Of particular note is here that in 63 cases (i.e. for 63 CPC subclasses) the existing partial links to the HS would disappear, while the number of partial links decreases in 3 additional cases, marking a substantial increase in quality of the link between the two classifications.
2. In 30 additional cases, an update of the HS link would be required but no change to the written CPC-HS link. Although the actual link at the most detailed level changes, the link shown in the CPC publication is not affected, since the link is shown at a higher level (4-digit HS headings). For the detailed correspondence table, these cases are similar to the 150 listed above.
3. In 49 cases (i.e. for 49 CPC subclasses) a more complex situation exists. Here, the changes to the HS cannot be absorbed by the CPC-HS link without deterioration of the link, i.e. not without introducing new partial links.² In these cases a decision has to be made on whether the CPC structure need to be changed to reflect the HS changes (e.g. for important new concepts) or whether the creation of a new partial link to the HS is acceptable (e.g. for less important items, such as those linked to residual categories). This decision has to be made for each of these cases. However, since many of them are linked, there are only a total of 8 cases that need to be considered.

4. Alternative options for CPC to handle the impact

In order to tackle changes of HS 2012 for the complex cases described above and reflect them effectively in CPC, following two categories of options could be considered.

Option 1: Update CPC-HS links

Updating CPC-HS link is a suitable solution if keeping the CPC structure unchanged is preferred in a case. The disadvantage of this option is apparent when the HS change involves combining subheadings, leading to a situation where a CPC subclass becomes

² Cases where an existing partial link is replaced by another partial link are included in the first scenario.

more detailed than the corresponding HS subheading. At that time, adopting this option will inevitably result in a number of partial links between CPC and HS. This option could be taken into account if the change is insignificant in the context of the whole subclass affected or if it involves residual categories, which are by design of lower interest.

Option 2: Incorporate related HS changes into the CPC structure

When the change of HS2012 happens with a remarkable influence on the CPC structure or impacts a great number of CPC subclasses, it may be preferable to change the current CPC structure rather than creating many partial correspondence links. Sometimes the change exists in expanding or reducing the scope of the current CPC subclass, which requires a revising of explanatory notes as well.

This type of change may be preferable in cases where a relevant new concept has been introduced in HS, whose reflection in CPC may improve the usefulness of the classification itself (beyond the CPC-HS link). An example could be the concept of bio-diesel introduced in HS.

For most complex cases, choices should be considered by balancing advantage and disadvantage of these two options. Sometime a combination of the two options may also be feasible.

5. List of complex cases

The table in Annex 1 makes reference to the cases described below.

Case 1: Smoked aquatic invertebrate products

HS 2012 has moved smoked products (molluscs, crustaceans and other aquatic invertebrates) from Chapter 16 to Chapter 03 (headings 0306, 0307, 0308). This move affects a number of CPC Ver.2 categories as follows: 02920, 04210, 04220, 21250, 21261, 21269, 21241, 21270 and 21280.

Option 1: Change CPC-HS correspondence links, a number of multiple and mostly partial links will be added into the correspondent table following the above codes;

Option 2: Revise CPC structure by expanding and retracting scope of categories with above-listed codes; at the same time revise the explanatory notes correspondingly.

In addition, several HS subheadings have been divided to provide separately for certain species in the subheadings related to fish and crustaceans, mollusks and other aquatic invertebrates. Additional detail created in these aspects was not presented in structure of CPC Ver.2. FAO guidance should be sought on the options, as well as the need for more detail in this area.

Case 2: Sanitary towels etc.

HS 2012 has created a new subheading for “sanitary towels and tampons, napkins and napkin liners for babies and similar articles, of any material” which includes components of multiple CPC Ver.2 subclasses: 27190, 27991, 28224, 28227, 28234, 28235, 28243, 28250, 32193 and 36990.

While this change involves many HS subheadings and consequently many CPC subclasses, some of the links (especially for garments) are not obvious and need to be rechecked, potentially limiting the number of affected categories. If the new HS product is consistent with ISIC (i.e. output of one industry), creating a new CPC subclass may be preferable.

Case 3: Non-chemically defined products

The scope of HS heading 28.52 has been expanded by inserting the expression “whether or not chemically defined”. Expansion of the scope of heading 28.52 entails the transfer of non-chemically defined compounds of mercury to the new subheading 2852.90.

Option 1: Change CPC-HS correspondent links, a number of multiple and mostly partial links will be added into the correspondent table;

Option 2: Correspondingly, scope of CPC 34250 should expand to include both chemically defined and not chemically defined products, the latter ones are currently classified in CPC subclasses 34160, 34240, 34270, 34280, 34320, 35420 and 35490.

Case 4: Water-jet cutting machines

The scope of HS2012 heading 84.56 was expanded to cover also water-jet cutting machines from original HS 8479.89. This involves also a move of parts for such machines from HS 8479.90 to 8466.93.

In this case, the change is driven only by the move of a single item, which never appeared in the CPC structure, explanatory notes or index. Although the move cuts across CPC groups, the (most likely) small scale of the moving item may not warrant a change of CPC structure, but on the other hand, a small redefinition of the CPC subclasses involved would also be of minimal impact.

Case 5: Image projectors etc.

Image projectors (slide projectors, microfilm etc.) and photographic enlargers and reducers have been merged together in HS. Since their importance is declining, items could be collapsed in CPC as well. Currently, cinematographic projectors are combined with some of these items, but may be kept separately.

An option for an updated CPC structure could be:

48323 – Cinematic projectors (HS 9007.20) *

48329 – Other photographic equipment (include new HS 9008.50 here) *

48330 – DELETE

(* = change in scope)

Case 6: Biodiesel

HS subheadings 2710.20 and 3826.00 have been created to provide separately for biodiesel. CPC Ver.2 did not distinguish biodiesel as a separate product. Although this can easily be handled by changing the CPC-HS link according to the new HS code, attention should be paid to the necessity of implementing this new concept into the CPC structure or explanatory notes, due to its relevance for energy statistics and possible link to the energy product classification

Case 7: Hazardous chemicals and pesticides

The scope of subheading 3808.50 was expanded to cover hazardous chemicals and pesticides. As a result, certain products of subheadings 3808.91, .92, .93, .94 and .99 have been moved to subheading 3808.50.

Option1: update HS link only, partial HS link appears;

Option2: change the scope of CPC 34666 to include hazardous pesticides which were classified originally in subclasses 34661-34664 and 34669.

Case 8: Edible fish offal

New HS subheadings 0305.71, .72 and .79 are created for edible fish offal. CPC 21231, 21232 will be affected.

Option1: update HS link only, 3 additional partial HS links appear in 21231 and 21232 respectively;

Option2: change the scope of 21231 and 21232 to either include edible fish offal in one of the two subclasses or to create a new subclass for edible fish offal (the latter may be preferable).

6. Questions to the Expert Group

The Expert Group is invited to review the assessment of the impact of the 2012 HS amendments on the CPC, consider the special high-impact cases and provide guidance on whether a change to the CPC itself is necessary or if other methods are sufficient.

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
<u>Agricultural, fishery and forestry products</u>					
	01111	1001.10* 1001.90*	1001.11 1001.91	Update HS link only	Partial HS links disappear.
	01112	1001.10* 1001.90*	1001.19 1001.99	Update HS link only	Partial HS links disappear.
	01141	1007.00*	1007.10	Update HS link only	Partial HS links disappear.
	01142	1007.00*	1007.90	Update HS link only	Partial HS links disappear.
	01151	1003.00*	1003.10	Update HS link only	Partial HS links disappear.
	01152	1003.00*	1003.90	Update HS link only	Partial HS links disappear.
	01161	1002.00*	1002.10	Update HS link only	Partial HS links disappear.
	01162	1002.00*	1002.90	Update HS link only	Partial HS links disappear.
	01171	1004.00*	1004.10	Update HS link only	Partial HS links disappear.
	01172	1004.00*	1004.90	Update HS link only	Partial HS links disappear.
	01181	1008.20*	1008.21	Update HS link only	Partial HS links disappear.
	01182	1008.20*	1008.29	Update HS link only	Partial HS links disappear.
	01190	1008.10 1008.30 1008.90	1008.10 1008.30 1008.40 1008.50 1008.60 1008.90	Update HS link only	
	01216	0709.90*	0709.91	Update HS link only	Partial HS links disappear.
	01219	0709.90*	0709.99*	Update HS link only	Number of CPC subclasses linked to HS 0709.99(0709.90) decreases from 7 To 4.
	01235	0709.90*	0709.93	Update HS link only	Partial HS links disappear.
	01239	0709.90*	0709.99*	Update HS link only	Number of CPC subclasses linked to HS 0709.99(0709.90) decreases from 7 To 4.
	01290	0709.90*	0709.99*	Update HS link only	Number of CPC subclasses linked to HS 0709.99(0709.90) decreases from 7 To 4.
	01312	0803.00*	0803.90	Update HS link only	Partial HS links disappear.
	01313	0803.00*	0803.10	Update HS link only	Partial HS links disappear.
	01341	0810.90*	0810.30	Update HS link only	Partial HS links disappear.
	01352	0808.20	0808.30 0808.40	Update HS link only	
	01354	0809.20	0809.21 0809.29	Update HS link only	
	01373	0802.40*	0802.41	Update HS link only	Partial HS links disappear.
	01375	0802.50*	0802.51	Update HS link only	Partial HS links disappear.
	01379	0802.60* 0802.90*	0802.61 0802.70* 0802.80* 0802.90*	Update HS link only	One partial HS link disappears; number of HS links increases.
	01391	1212.99*	1212.92	Update HS link only	Partial HS links disappear.
	01399	0810.90*	0810.70	Update HS link only	Partial HS links disappear.
	01411	1201.00*	1201.10	Update HS link only	Partial HS links disappear.
	01421	1202.10*	1202.30	Update HS link only	Partial HS links disappear.
	01422	1202.10*	1202.41	Update HS link only	Partial HS links disappear.
	01431	1207.20*	1207.21	Update HS link only	Partial HS links disappear.
	01432	1207.20*	1207.29	Update HS link only	Partial HS links disappear.
	01446	1207.99*	1207.60	Update HS link only	Partial HS links disappear.
	01449	1207.91 1207.99*	1207.30 1207.91 1207.99*	Update HS link only	Number of CPC subclasses linked to HS 1207.99 decreases from 4 To 2.
	01450	0709.90*	0709.20	Update HS link only	Partial HS links disappear.
	01460	0801.19*	0801.12 0801.19*	Update HS link only	
	01491	1207.99*	1207.10	Update HS link only	Partial HS links disappear.
	01593	0714.90*	0714.30	Update HS link only	Partial HS links disappear.

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	01599	0714.90*	0714.40 0714.50 0714.90*	Update HS link only	
	01652	0904.20*	0904.21	Update HS link only	Partial HS links disappear.
	01653	0908.10* 0908.20* 0908.30*	0908.11 0908.21 0908.31	Update HS link only	Partial HS links disappear.
	01654	0909.10* 0909.20* 0909.30* 0909.40* 0909.50*	0909.21 0909.31 0909.61	Update HS link only	Partial HS links disappear.
	01656	0907.00*	0907.10	Update HS link only	Partial HS links disappear.
	01657	0910.10*	0910.11	Update HS link only	Partial HS links disappear.
	01658	0905.00*	0905.10	Update HS link only	Partial HS links disappear.
	01690	0709.90*	0709.99*	Update HS link only	Number of CPC subclasses linked to HS 0709.99(0709.90) decreases from 7 To 4.
	01701	0713.31 0713.32 0713.33 0713.39	0713.31 0713.32 0713.33 0713.34 0713.35 0713.39	Update HS link only	Number of HS links increases from 4 to 6.
	01709	0713.90	0713.60 0713.90	Update HS link only	
	01802	1212.99*	1212.93	Update HS link only	Partial HS links disappear.
	01961	0601 0602 1212.99*	0601 0602 1212.94	Update HS link only	Partial HS links disappear.
	02111	0102.10* 0102.90*	0102.21 0102.29	Update HS link only	Partial HS links disappear.
	02112	0102.10* 0102.90*	0102.31 0102.39	Update HS link only	Partial HS links disappear.
	02121	0106.19*	0106.13	Update HS link only	Partial HS links disappear.
	02130	0101	0101	No change in HS link	Number of HS links increases from 2 to 3.
	02153	0105.19* 0105.99*	0105.14 0105.99*	Update HS link only	Partial HS links disappear.
	02154	0105.19* 0105.99*	0105.13 0105.99*	Update HS link only	Partial HS links disappear.
	02155	0105.19* 0105.99*	0105.15 0105.99*	Update HS link only	Partial HS links disappear.
	02191	0106.19*	0106.14	Update HS link only	Partial HS links disappear.
	02192	0106.11 0106.12 0106.19*	0106.11 0106.12 0106.19*	No change in HS link	Number of CPC subclasses linked to HS 0106.19 decreases from 4 To 2
	02193	0106.39*	0106.33	Update HS link only	Partial HS links disappear.
	02196	0106.90*	0106.41	Update HS link only	Partial HS links disappear.
	02199	0106.90*	0106.49 0106.90*	Update HS link only	
	02211	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	
	02212	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	
	02291	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	02292	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	
	02293	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	
	02299	0401.20* 0401.30*	0401.20* 0401.40* 0401.50*	Update HS link only	
	02310	0407.00*	0407.21*	Update HS link only	Number of CPC subclasses linked to HS 0407 decreases from 4(to 0407.00) To 2(to 0407.21).
	02320	0407.00*	0407.21* 0407.29	Update HS link only	Number of CPC subclasses linked to HS 0407 decreases from 4(to 0407.00) To 2(to 0407.21).
	02330	0407.00*	0407.11 0407.19	Update HS link only	Partial HS links disappear.
	02920	0307.60	0307.60*	complex case	See case 1
	02951	4101.20* 4101.50* 4101.90*	4101.20* 4101.50* 4101.90*	No change in HS link	
	02952	4101.20* 4101.50* 4101.90*	4101.20* 4101.50* 4101.90*	No change in HS link	
	03230	0802.90*	0802.90*	No change in HS link	
	03249	0604.10 0604.91* 0604.99	0604.20* 0604.90*	Update HS link only	
	04111	0301.10	0301.11 0301.19	Update HS link only	
	04119	0301.91 0301.92 0301.93 0301.94 0301.95 0301.99	0301.91 0301.92 0301.93 0301.94 0301.95 0301.99	No change in HS link	
	04120	0302.11-69	0302.11-89	Update HS link only	
	04210	0306.21 0306.22 0306.23 0306.24 0306.29	0306.21* 0306.22* 0306.24* 0306.25* 0306.26* 0306.27* 0306.29*	complex case	See case 1
	04220	0307.10	0307.11 0307.19*	complex case	See case 1
	04291	0307.21 0307.31 0307.41 0307.51 0307.91*	0307.21 0307.31 0307.41 0307.51 0307.71 0307.81 0307.91	Update HS link only	Partial HS links disappear.
	04299	0307.91*	0308.11 0308.21 0308.30* 0308.90*	Update HS link only	Number of HS links increases from 1 to 4.
	04930	1212.20	1212.21 1212.29	Update HS link only	Number of HS links increases from 1 to 2.
Mining products					

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	16190	2511 2528 2529.21,.22 2530.20,.90	2511 2528.00 2529.21,.22 2530.20,.90	Update HS link only	
Food and tobacco products					
	21117	0208.90*	0208.60*	Update HS link only	Number of CPC subclasses linked to HS 0208.90 decreases from 6 To 4
	21119	0208.40* 0208.90*	0208.40* 0208.90*	No change in HS link	Number of CPC subclasses linked to HS 0208.90 decreases from 6 To 4
	21122	0207.32* 0207.35*	0207.41 0207.44	Update HS link only	Partial HS links disappear.
	21123	0207.32* 0207.35*	0207.51 0207.54	Update HS link only	Partial HS links disappear.
	21125	0207.32* 0207.35*	0207.60*	Update HS link only	Number of partial HS links decreases
	21137	0208.90*	0208.60*	Update HS link only	Number of CPC subclasses linked to HS 0208.90 decreases from 6 To 4
	21139	0208.40* 0208.90*	0208.40* 0208.90*	No change in HS link	Number of CPC subclasses linked to HS 0208.90 decreases from 6 To 4
	21142	0207.33* 0207.36*	0207.42 0207.45	Update HS link only	Partial HS links disappear.
	21143	0207.33* 0207.36*	0207.52 0207.55	Update HS link only	Partial HS links disappear.
	21145	0207.33* 0207.36*	0207.60*	Update HS link only	Number of partial HS links decreases
	21159	0206.80* 0206.90* 0208.10* 0208.30 0208.40* 0208.90*	0206.80* 0206.90* 0208.10* 0208.30 0208.40* 0208.60* 0208.90*	Update HS link only	Number of partial HS links increases
	21160	0207.13* 0207.14* 0207.26* 0207.27* 0207.34 0207.35* 0207.36*	0207.13* 0207.14* 0207.26* 0207.27* 0207.43 0207.53 0207.44* 0207.45* 0207.54* 0207.55* 0207.60*	Update HS link only	Number of partial HS links increases
	21173	0210.91 0210.92 0210.93 0210.99	0210.91 0210.92 0210.93 0210.99	No change in HS link	
	21210	0303.11-79	0303.11-89	Update HS link only	Number of HS links increases from 29 to 39.
	21221	0304.11 0304.12 0304.19	0304.31-59	Update HS link only	Number of HS links increases from 3 to 17.
	21222	0304.21 0304.22 0304.29	0304.61-89	Update HS link only	Number of HS links increases from 3 to 18.
	21223	0304.91 0304.92 0304.99	0304.91-99	Update HS link only	Number of HS links increases from 3 to 6.

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	21224	0305.30	0305.31 0305.32 0305.39	Update HS link only	Number of HS links increases from 1 to 3.
	21225	0302.70	0302.90	Update HS link only	
	21226	0303.80	0303.90	Update HS link only	
	21231	0305.51-69	0305.51-69 0305.71* 0305.72* 0305.79*	complex case	See case 8
	21232	0305.41 0305.42 0305.49	0305.41 0305.42 0305.43 0305.44 0305.49 0305.71* 0305.72* 0305.79*	complex case	See case 8
	21241	1604.20* 1605.10* 1605.20* 1605.30* 1605.40* 1605.90*	#####	complex case	See case 1
	21242	1604.11 1604.12 1604.13 1604.14 1604.15 1604.16 1604.19 1604.20*	1604.11 1604.12 1604.13 1604.14 1604.15 1604.16 1604.17 1604.19 1604.20*	Update HS link only	
	21243	1604.30	1604.31 1604.32	Update HS link only	
	21250	0306.11 0306.12 0306.13 0306.14 0306.19	0306.11* 0306.12* 0306.14* 0306.15* 0306.16* 0306.17* 0306.19*	complex case	See case 1
	21261	0307.29 0307.39 0307.49 0307.59 0307.99*	0307.29* 0307.39* 0307.49* 0307.59* 0307.79* 0307.89* 0307.99*	complex case	See case 1
	21269	0307.99*	0308.19* 0308.29* 0308.30* 0308.90*	complex case	See case 1

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	21270	1605.10* 1605.20* 1605.30* 1605.40*	0306.11* 0306.12* 0306.15* 0306.14* 0306.16* 0306.17* 0306.19* 0306.21* 0306.22* 0306.24* 0306.25* 0306.26* 0306.27* 0306.29* 1605.10* 1605.21* 1605.29* 1605.30* 1605.40*	complex case	See case 1
	21280	1605.90	0307.19* 0307.29* 0307.39* 0307.49* 0307.59* 0307.60* 0307.79* 0307.89* 0307.99* 0308.19* 0308.29* 0308.30* 0308.90* 1605.51 1605.52 1605.53 1605.54 1605.55 1605.56 1605.57 1605.58 1605.59 1605.61 1605.62 1605.63	complex case	See case 1
	21329	2009.80* 2009.90*	2009.89* 2009.90*	No change in HS link	
	21397	2003	2003	No change in HS link	Number of HS links decreases from 3 to 2.

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	21419	0803.00* 0804.10* 0804.20* 0804.30* 0804.40* 0804.50* 0805.10* 0805.20* 0805.40* 0805.50* 0805.90* 0813.10 0813.30-.50	0803.10 0803.90 0804.10* 0804.20* 0804.30* 0804.40* 0804.50* 0805.10* 0805.20* 0805.40* 0805.50* 0805.90* 0813.10 0813.30-.50	Update HS link only	Partial HS links disappear.
	21421	1202.20	1202.30* 1202.42	Update HS link only	
	21429	0801.11 0802.19* 0802.22 0802.32 0802.40* 0802.50* 0802.60* 0802.90*	0801.11 0801.12* 0802.19* 0802.22 0802.32 0802.42 0802.52 0802.62 0802.70* 0802.80* 0802.90*	Update HS link only	
	21439	2009.31-39 2009.80* 2009.90*	2009.31-39 2009.81* 2009.89* 2009.90*	Update HS link only	
	21499	1212.99* 2001.90* 2008.30 -.60 2008.80 2008.91 2008.92 2008.99	1207.70 1212.99* 2001.90* 2008.30 -.60 2008.80 2008.91 2008.93 2008.97 2008.99	Update HS link only	Number of CPC subclasses linked to HS 1212.99 decreases from 6 To 3.
	21511	0209.00	0209.10 0209.90	Update HS link only	
	21512	1502.00*	1502.90*	Update HS link only	
	21513	1502.00*	1502.90*	Update HS link only	
	21514	1502.00*	1502.90*	Update HS link only	
	21515	1502.00*	1502.90*	Update HS link only	
	21521	1501.00*	1501.10	Update HS link only	Partial HS links disappear.
	21522	1501.00*	1501.90*	Update HS link only	
	21523	1502.00*	1502.10	Update HS link only	Partial HS links disappear.
	22120	0401.30*	0401.40* 0401.50*	Update HS link only	
	22300	0407.00*	0407.90	Update HS link only	Number of CPC subclasses linked to HS 0407 decreases from 4(to 0407.00) To 2(to 0407.21).
	23120	1102	1102	No change in HS link	Number of HS links decreases from 3 to 2.
	23511	1701.11	1701.13 1701.14	Update HS link only	
	23922	0904.20*	0904.22	Update HS link only	Partial HS links disappear.

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	23923	0908.10* 0908.20* 0908.30*	0908.12 0908.22 0908.32	Update HS link only	Partial HS links disappear.
	23924	0909.10* 0909.20* 0909.30* 0909.40* 0909.50*	0909.22 0909.32 0909.62*	Update HS link only	Partial HS links disappear.
	23926	0907.00*	0907.20	Update HS link only	Partial HS links disappear.
	23927	0910.10*	0910.12	Update HS link only	Partial HS links disappear.
	23928	0905.00*	0905.20	Update HS link only	Partial HS links disappear.
	25090	2403	2403	No change in HS link	Number of HS links increases from 3 to 4.
<u>Textile and leather products</u>					
	26810	5801.21 5801.22 5801.23 5801.24 5801.25 5801.26	5801.21 5801.22 5801.23 5801.26 5801.27	Update HS link only	
	26820	5801.31 5801.33 5801.33 5801.34 5801.35 5801.36	5801.31 5801.33 5801.33 5801.36 5801.37	Update HS link only	
	27160	6306	6306	No change in HS link	Number of HS links decreases from 8 to 7.
	27190	6307	6307 9619.00*	complex case	See case 2
	27991	5601	5601 9619.00*	complex case	See case 2
	28224	6106 6108	6106 6108 9619*	complex case	See case 2
	28227	6111	6111 9619*	complex case	See case 2
	28234	6206 6208	6206 6208 9619*	complex case	See case 2
	28235	6209	6209 9619*	complex case	See case 2
	28236	6211	6211	No change in HS link	Number of HS links decreases from 10 to 9.
	28243	3926.20	3926.20 9619.00*	complex case	See case 2
	28250	6113 6210	6113 6210 9619*	complex case	See case 2
	28262	6504 6505	6504 6505.00	Update HS link only	
	29600	6406	6406	No change in HS link	Number of HS links decreases from 4 to 3.
<u>Paper products</u>					
	32133	4804.21 - .59 4808.20	4804.21 - .59 4808.40*	Update HS link only	
	32142	4808.30 4808.90	4808.40* 4808.90	Update HS link only	
	32193	4818	4818 9619*	complex case	See case 2
	32194	4814	4814	No change in HS link	Number of HS links decreases from 3 to 2.
<u>Petroleum products</u>					

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	33310	2710.11*	2710.12* 2710.20*	complex case	See case 6
	33320	2710.11*	2710.12* 2710.20*	complex case	See case 6
	33330	2710.11*	2710.19* 2710.20*	complex case	See case 6
	33341	2710.19*	2710.19* 2710.20*	complex case	See case 6
	33342	2710.19*	2710.19* 2710.20*	complex case	See case 6
	33350	2710.19*	2710.19* 2710.20*	complex case	See case 6
	33360	2710.19*	2710.19* 2710.20*	complex case	See case 6
	33370	2710.19*	2710.19* 2710.20*	complex case	See case 6
	33380	2710.19*	2710.19* 2710.20*	complex case	See case 6
Chemical and pharmaceutical products					
	34110	2901-2904	2901-2904	No change in HS link	Number of HS links changes.
	34139	2905.11 - .44 2905.49- 2908 3823.70	2905.11 - .44 2905.49- 2908 3823.70	No change in HS link	
	34140	2915 - 2917 2918.11 -.19, .29 - .99	2915 - 2917 2918.11 -.19, .29 - .99	No change in HS link	
	34160	2930 2931 2932.11 -.19 2932.21 2932.91 - .99 2933.29 - .49, .61, .71- .99 2934.10, .20 2934.91 2934.99	2852.90* 2930 2931 2932.11 -.19 2932.20* 2932.91 - .99 2933.29 - .49, .61, .71- .99 2934.10, .20 2934.91 2934.99 3002.10* 3002.90*	complex case	See case 3
	34170	2909 - 2914 2942 3507	2909 - 2914 2942 3507	No change in HS link	
	34240	2826 2827.20 - .60 2828 - 2833 2834.29 2835.10, .22 - .39 2836	2826 2827.20 - .60 2828 - 2833 2834.29 2835.10, .22 - .39 2836 2852.90*	complex case	See case 3
	34250	2841 2843 2852 2853	2841 2843 2852.10 2853	complex case	See case 3

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	34270	2837 - 2840 2842	2837 - 2840 2842 2852.90*	complex case	See case 3
	34280	2847 - 2850	2847 - 2850 2852.90*	complex case	See case 3
	34320	3201 3203	2852.90* 3201 3203	complex case	See case 3
	34661	3808.91	3808.50* 3808.91	complex case	See case 7
	34662	3808.92	3808.50* 3808.92	complex case	See case 7
	34663	3808.93	3808.50* 3808.93	complex case	See case 7
	34664	3808.94	3808.50* 3808.94	complex case	See case 7
	34666	3808.50	3808.50*	complex case	See case 7
	34669	3808.99	3808.50* 3808.99	complex case	See case 7
	34740	3907	3002.10* 3907	Update HS link only	See case 3
	34790	3902 3905 3906 3908 - 3914	3002.10* 3902 3905 3906 3908 - 3914	Update HS link only	See case 3
	35230	2932.29 2933.11, .19,.21, .52 - .59, .69 2934.30 2935	2932.20* 2933.11, .19,.21, .52 - .59, .69 2934.30 2935	Update HS link only	Partial HS link appears.
	35250	2936 - 2939 2941	2936 - 2939 2941 3002.10*	Update HS link only	See case 2
	35270	3001 3002 3005 3006.20, .30, .60	3001 3002* 3005 3006.20, .30, .60	Update HS link only	See case 4
	35420	3501.90 3502.20, .90 3503 3504 3505.20 3506	2852.90* 3501.90 3502.20, .90 3503 3504 3505.20 3506	complex case	See case 4
	35490	3802.10 3809 3810 3812 3815 3817 3824.10 - .40, .60 - .90	2852.90* 3802.10 3809 3810 3812 3815 3817 3824.10 - .40, .60 - .90 3826	complex case	See case 4
Plastic and ceramic products					

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	36990	3006.91 3926.10, .30 - .90	3006.91 3926.10, .30 - .90 9619.00*	complex case	See case 4
	37570	6811	6811	No change in HS link	Number of HS links decreases from 5 to 4.
Fabricated metal products					
	42912	7323 7418.11 7418.19 7615.11 7615.19 8210	7323 7418.10 7615.10 8210	Update HS link only	
	42921	8201-8206	8201-8206	No change in HS link	
	42997	7319 8308	7319 8308	No change in HS link	Number of HS links decreases from 3 to 2.
Machinery					
	44211	8456	8456*	complex case	See case 4
	44251	8466.10 - .30 8466.93 8466.94	8466.10 - .30 8466.93* 8466.94	complex case	See case 4
	44640	8448.20 - .59 8450.90, 8451.90 8452.30 8452.40 8452.90 8453.90	8448.20 - .59 8450.90, 8451.90 8452.30 8452.90 8453.90	Update HS link only	
	44720	9301	9301	No change in HS link	Number of HS links decreases from 5 to 3.
	44760	9305	9305	No change in HS link	Number of HS links decreases from 5 to 3.
	44919	8401.20 8475.10, .21,.29 8479.40 8479.50 8479.60 8479.81 8479.82 8479.89 8508.19, .60	8401.20 8456.90* 8475.10, .21,.29 8479.40 8479.50 8479.60 8479.81 8479.71 8479.79 8479.81 8479.82 8479.89 8508.19, .60	complex case	See case 4
	44929	8475.90 8477.90 8479.90	8466.93* 8475.90 8477.90 8479.90	complex case	See case 4
	46420	8507.10-80	8507.10-80	Update HS link only	Number of HS links increases from 6 to 8.
	47140	8540.11 - .89	8540.11 - .89	Update HS link only	Number of HS links decreases from 11 to 9.
Disks, tapes, software					
	47540	8523.40*	8523.41	Update HS link only	Partial HS link disappears.
	47610	8523.29* 8523.40* 8523.80*	8523.29* 8523.49* 8523.80*	Update HS link only	

	CPC Ver.2	HS2007	HS2012	Recommended action	Comment
	47620	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47691	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47692	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47699	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47811	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47812	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47813	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47814	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47821	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47822	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
	47829	8523.29* 8523.40*	8523.29* 8523.49*	Update HS link only	
<u>Optical instruments</u>					
	48322	9006.10 - .59 9007.11 9007.19	9006.10 - .59 9007.10	Update HS link only	
	48323	9007.20 9008.10 9008.30	9007.20 9008.50*	complex case	See case 5
	48341	3701-3803	3701-3803	No change in HS link	
<u>Other goods (games, toys, pens, watches, motorcycle parts)</u>					
	38581	9504.10*	9504.50*	Update HS link only	
	38582	9504.10*	9504.50*	Update HS link only	
	38590	9504.20 9504.30 9504.90	9504.20 9504.30 9504.50* 9504.90	Update HS link only	
	38911	9608 9609	9608 9609	No change in HS link	
	48440	9108-9110	9108-9110	No change in HS link	
	48490	9111 9112 9113.10,.20 9114	9111 9112 9113.10,.20 9114	No change in HS link	
	49941	8714.11 8714.19	8714.10	Update HS link only	