





UNCTAD/STAT/CPB/MN/1

UNCTAD COMMODITY PRICE INDEX METHODOLOGICAL NOTE

Introduction

This document outlines the methodological background to the UNCTAD commodity price index. Several methodological revisions have been introduced in the 2015=100 series. In summary these were:

- ♦ Re-basing the index, with a corresponding revision of the weights, from the year 2000 to the year 2015.
- ♦ Enhancement of product coverage; and
- ♦ Introduction of new sub-indices.

The remainder of the document details the different compilation steps in the order below:

- 1. Definition: Primary commodities;
- 2. Basket determination;
- 3. Weights selection;
- 4. Price selection; and
- 5. Index calculation.



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1 Definition: Primary commodities

The UNCTAD commodity price index (UCPI) is designed to measure the price movements of primary commodities exported by developing economies. There is no single, universal definition of primary commodities in terms of standard statistical (product) classifications. The current methodology continues to use the same concept of primary commodity adopted by previous series of the UCPI. Thus, the definition of primary commodity adopted by the UCPI takes into account the definition provided by the United Nations Statistics Division's (UNSD) documents on technology intensiveness (UNSD, 2009), as well as in the Broad Economic Categories (BEC) classification (UNSD, 2016). Particular attention has been attributed to the definition used in BEC:

"Primary goods are those which characteristically are products of primary sectors of the economy – i.e., farming, forestry, fishing, and the extractive industries. However, goods which characteristically are products of other sectors, such as manufacturing, where the product underwent only a minor change, are still classified as "primary" in cases where nearly all of the value of the product is contributed by one of the primary sectors of the economy. For example, cotton undergoes physical transformation when ginned, but as most of the value of the ginned cotton derives from the agricultural sector, it is classified, in the BEC, as a primary good. Thus, a good is classified as primary if it is a product of farm, forest and fishing, or of an extractive industry, to whose value transformation has made only a minor contribution. Guidance in classifying goods as primary or processed can further be sought in the description of and explanation associated with the HS sub-headings, which uses wording such as "raw", "in the rough", "in primary form" or "combed but not otherwise processed". Waste and scrap materials are also classified as primary commodities in the BEC."

For the compilation of the UCPI, primary commodities are defined as goods where all, or almost all, of the value-added during production has been generated by the primary sectors of the economy i.e. primary commodities are largely unprocessed or unrefined. To conceptualize that definition in terms of the Harmonized Commodity Description and Coding System (HS) 2007 (UNSD, 2017), HS headings (as identified by the 4-digit codes of the HS classification) are classified into primary commodities and other types of products. The headings classified as primary commodities are presented in Table A1 in the Annex. They form the universe from which individual commodities were selected for the basket.



2 The basket

From the universe of primary commodities described in Section 1, a set of representative commodities were selected for the basket. The selection is designed to ensure the best possible representation of primary commodities exported by developing economies and to take into account some specific requirements identified during user consultations. Commodities with unreliable data availability or where no price data were available were excluded from the index. In these cases their weights were also excluded. The selected commodities (referred to as "index commodity items") are detailed in Table 1. The corresponding HS sub-headings (identified by 6-digit codes) from which they have been constructed are shown in Table A2 in the Annex.

The basket of primary commodities for the overall price index is subdivided into four groups, with most groups further subdivided into subgroups (see Table 1).

Table 1. Weighting structure of the basket, subgroups and groups

| Group | Subgroup | Index commodity item | Weigh | ts as a percentage | of | |
|----------|----------------------|----------------------|----------|--------------------|-------|--|
| | | | Subgroup | Group | Total | |
| | | Wheat | 2.82 | 1.48 | 0.20 | |
| | | Maize | 12.81 | 6.74 | 0.89 | |
| | | Rice | 15.43 | 8.11 | 1.08 | |
| | | Sugar | 23.38 | 12.29 | 1.63 | |
| | Food | Bovine meat | 13.96 | 7.34 | 0.97 | |
| | roou | Bananas | 9.34 | 4.91 | 0.65 | |
| | | Pepper | 3.49 | 1.84 | 0.24 | |
| | | Soybean meal | 0.09 | 0.05 | 0.01 | |
| | | Crustaceans* | 15.46 | 8.13 | 1.08 | |
| | | Fish* | 3.21 | 1.69 | 0.22 | |
| | Total subgroup | | 100.00 | 0.00 52.58 | | |
| | Toonical | Coffee | 63.69 | 10.95 | 1.45 | |
| All food | Tropical beverages | Cocoa beans | 21.28 | 3.66 | 0.49 | |
| 7111000 | beverages | Tea | 15.03 | 2.58 | 0.34 | |
| | Total subgroup | Total subgroup | | 17.20 | 2.28 | |
| | | Soybeans | 63.04 | 19.05 | 2.53 | |
| | | Soya bean oil | 12.38 | 3.74 | 0.50 | |
| | | Sunflower oil | 1.07 | 0.32 | 0.04 | |
| | Vegetable | Ground-nut oil | 0.47 | 0.14 | 0.02 | |
| | oilseeds and oils | Copra | 0.16 | 0.05 | 0.01 | |
| | allu ulis | Coconut oil | 2.94 | 0.89 | 0.12 | |
| | | Palm kernel oil | 2.04 | 0.62 | 0.08 | |
| | | Palm oil | 17.90 | 5.41 | 0.72 | |
| | Total subgroup | | 100.00 | 30.22 | 4.01 | |
| | Total group | | | 100.00 | 13.26 | |



| Group | Subgroup | Index commodity item | Weig | hts as a percentag | e of |
|-----------------------------|--|----------------------|----------|--------------------|-----------|
| | | | Subgroup | Sub-group | Sub-group |
| | | Fish meal fodder* | | 6.22 | 0.23 |
| | | Tobacco | | 14.93 | 0.55 |
| | | Cotton | | 8.61 | 0.32 |
| | | Wool, fine | | 2.18 | 0.08 |
| | | Jute | | 0.19 | 0.01 |
| Agricultural raw materials | | Hides and skins | | 8.26 | 0.30 |
| Agricultural raw materials | | Tropical logs | | 1.73 | 0.06 |
| | | Tropical sawnwood* | | 2.81 | 0.10 |
| | | Plywood* | | 25.26 | 0.93 |
| | | Rubber | | 29.81 | 1.10 |
| | Total group | | | 100.00 | 3.69 |
| | | Phosphate rock | 2.07 | 0.91 | 0.19 |
| | Minerals, ores and non-precious metals | Manganese ore | 1.69 | 0.74 | 0.16 |
| | | Iron ore | 26.18 | 11.55 | 2.45 |
| | | Aluminium | 11.69 | 5.16 | 1.09 |
| | | Copper | 38.34 | 16.92 | 3.59 |
| | | Nickel | 6.15 | 2.71 | 0.58 |
| | | Lead | 4.58 | 2.02 | 0.43 |
| Minerals, ores and metals | | Zinc | 5.62 | 2.48 | 0.53 |
| Willierais, ores and metais | | Tin | 3.69 | 1.63 | 0.35 |
| | Total subgroup | | 100.0 | 44.14 | 9.36 |
| | | Gold* | 88.03 | 49.17 | 10.43 |
| | Precious metals* | Silver* | 7.66 | 4.28 | 0.91 |
| | | Platinum* | 4.31 | 2.41 | 0.51 |
| | Total subgroup | | 100.00 | 55.86 | 11.84 |
| | Total group | | | 100.00 | 21.10 |
| | Gas | Natural gas* | | 19.52 | 12.07 |
| | Coal | Coal* | | 3.88 | 2.40 |
| Fuels* | Petroleum | Crude petroleum* | | 76.61 | 47.38 |
| | Total group | | | 100.00 | 61.85 |
| Price index - all groups | | | | | 100.00 |

^{*} Index commodity item not previously covered in the UCPI.

The composition of the basket was updated in a number of important respects. Several index commodity items, such as crustaceans, fish, fish meal fodder, tropical sawnwood, plywood were added to the basket. In addition, a new sub-group 'Precious Metals' and a new group 'Fuels' were added to the basket. These commodities have been included in recognition of their growing importance to the developing economies commodity exports.



Total exports of primary commodities from developing economies included in the UCPI basket (valued in current United States dollars), expressed as a percentage of corresponding total exports of primary commodities from developing economies (as defined in Table A1 in the Annex) are presented in Table 2, broken down by product group. Data are averaged over the period 2014 - 2016.

Table 2. Coverage of index's primary commodities within total of corresponding (sub) group

| Group | Subgroup | Coverage (%) |
|--------------------|--|--------------|
| All food | | 34.36 |
| | Food | 24.17 |
| | Tropical beverages | 86.18 |
| | Vegetable oilseeds and oils | 56.44 |
| Agricultural | raw materials | 46.07 |
| Minerals, or | es and metals | 58.05 |
| | Minerals, ores and non-precious metals | 47.98 |
| | Precious metals | 69.59 |
| Fuels ¹ | | 73.50 |
| | Gas | 98.73 |
| | Coal | 93.83 |
| | Petroleum | 69.77 |
| Total | | 59.78 |

¹ This group is broader than the listed subgroups: other fuels are not covered with the three subgroups (refer to Table A1).

Source: UNCTAD calculations based on Comtrade data (UNSD, 2018).

3 Weights

The weights used in the calculation of the UCPI determine the degree to which the price movements of the different commodities influence the movement of the overall index and sub-indices. By construction, they represent the share of the trade value of exports of each commodity in the basket, originating from developing economies during the base period (see Formula 1 in Section 5).

These export weights are derived from export trade data sourced from the UNSD Comtrade database (UNSD, 2018a). The weights were calculated at HS 2007 6-digit level, and then aggregated to index commodity items (see Table A2 in the Annex). As not all economies report their export values in HS 2007, data reported in other versions of HS were converted to HS 2007 using HS classification concordance matrices provided by UNSD (2018b).

The base year of the index is 2015. However, to ensure the weights are stable and don't reflect short-term fluctuations in exports, they were calculated using a three-year average, for the years around the base year i.e. 2014 - 2016. The weighting structure of the UCPI and its sub-indices is shown in Table 1 - Section 2.



4 Prices

The average prices for the commodity items used in the index are derived from a representative sample of monthly, weekly or daily spot-market quotations. These prices are collected from a variety sources. Price quotations may be collected in a variety of currencies. Any prices not denominated in United States dollars are converted to United States dollars (see Table A3 in the Annex). Most of the absolute prices used in the calculation of the index are published separately in the table 'Commodity prices' which is available on UNCTADStat. Unfortunately, not all series can be published owing to source data copy right restrictions. Furthermore, other absolute commodity prices, not used in the compilation of the index are also published in this table.

5 Index calculation

As with the previous index, the new UCPI is calculated using a fixed-base Laspeyres index. The formula for the calculation of the index is:

(1)
$$L_{t,0} = \frac{\sum_{i=1}^{n} p_{i,t} q_{i,o}}{\sum_{i=1}^{n} p_{i,0} q_{i,0}} = \sum_{i=1}^{n} \frac{p_{i}^{t}}{p_{i}^{0}} s_{i}^{0},$$

where s_i^0 represents the weight of the commodity index item i (see Section 3 above) and p_i^t is the price in period t (see Section 4 above). q_i^0 is the quantity of the commodity index item i in the base period.

6 Results

Figure 1 depicts the evolution of the revised and updated UCPI compared with the previous series (rescaled to 2015=100) for the period January 2000 to December 2017. Figure 1 also depicts the evolution of the new UCPI calculated for all primary commodities excluding precious metals and fuels.

Figure 1 shows that the inclusion of precious metals and fuels is the primary cause of differences between the two time series. By contrast, the evolution of the new index excluding precious metals and fuels is very similar to that of the old index.





Figure 1. New and previous commodity price indices (2015=100)

7 References

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UNSD (2017). *Harmonized Commodity Description and Coding Systems (HS)*. United Nations Statistics Division, New York. Available at

https://unstats.un.org/unsd/tradekb/Knowledgebase/50018/Harmonized-Commodity-Description-and-Coding-Systems-HS

UNSD (2018a). *UN Comtrade database*. United Nations Statistics Division, New York. Available at https://comtrade.un.org/

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Annex

Table A1: Primary commodities by groups and subgroups of the index

| Group | Subgroup | HS 2007 headings |
|---------------------------|--|---|
| All food | Food Tropical beverages | 0101, 0102, 0103, 0104, 0105, 0106, 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0210, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0410, 0701, 0702, 0703, 0704, 0705, 0706, 0707, 0708, 0709, 0710, 0711, 0712, 0713, 0714, 0801,0802, 0803, 0804, 0805, 0806, 0807, 0808, 0809, 0810, 0811, 0812, 0813, 0814, 0903, 0904, 0905, 0906, 0907, 0908, 0909, 0910, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1210, 1212, 1213, 1214, 1517, 1601, 1602, 1603, 1604, 1605, 1701, 1702, 1703, 1704, 1806, 1901, 1902, 1903, 1904, 1905, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2101, 2102, 2103, 2104, 2105, 2106, 2201, 2202, 2203, 2204, 2205, 2206, 2208, 2209 |
| | Vegetable oilseeds and oils | 0209, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1518, 1521, 1522 |
| Agricultural raw m | naterials | 0501, 0502, 0504, 0505, 0506, 0507, 0508, 0510, 0511, 0601, 0602, 0603, 0604, 1209, 1211, 1301, 1302, 1401, 1404, 2401, 2402, 2403, 4001, 4002, 4003, 4004, 4101, 4102, 4103, 4115, 4301, 4401, 4402, 4403, 4406, 4407, 4409, 4412, 4501, 4502, 4701, 4702, 4703, 4704, 705, 4706, 4707, 5001, 5002, 5003, 5101, 5102, 5103, 5104, 5105, 5201, 5202, 5203, 5301, 5302, 5303, 5305 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2524, 2525, 2526, 2528, 2529, 2530, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2617, 2618, 2619, 2620, 2621, 2714, 2818, 3101, 3102, 3103, 3104, 3105, 7204*, 7401, 7402, 7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410, 7411, 7412, 7501, 7502, 7503, 7504, 7505, 7506, 7507, 7601, 7602, 7603, 7604, 7605, 7606, 7607, 7608, 7609, 7801, 7802, 7804, 7901, 7902, 7903, 7904, 7905, 8001, 8002, 8003, 8101, 8102, 8103, 8104, 8105, 8106, 8107, 8108, 8109, 8110, 8111, 8112, 8113 |
| | Precious metals | 2616, 7102, 7103, 7105, 7106, 7107, 7108, 7109, 7110, 7111, 7112 |
| Fuels | Gas Coal Petroleum Other fuels | 2711 2701, 2702 2709, 2710 2703, 2704, 2705, 2706, 2707, 2708, 2712, 2713, 2715 |

^{*} Only 7204.49 (Ferrous waste) in included, as other subheadings refer to non-primary commodities waste.



Table A2. List of included commodities in the basket of the price index

| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|----------|----------|-------------------------|---|-----------------|
| All food | Food | Wheat | Durum wheat | 100110 |
| All food | Food | Wheat | Wheat other than durum wheat; meslin | 100190 |
| All food | Food | Maize | Maize (corn), seed | 100510 |
| All food | Food | Maize | Maize (corn), other than seed | 100590 |
| All food | Food | Rice | Rice in the husk (paddy/rough) | 100610 |
| All food | Food | Rice | Husked (brown) rice | 100620 |
| All food | Food | Rice | Semi-milled/wholly milled rice, whether/not polished/glazed | 100630 |
| All food | Food | Rice | Broken rice | 100640 |
| All food | Food | Sugar | Cane sugar, raw, in solid form, not containing added flavouring/colouring matter | 170111 |
| All food | Food | Sugar | Beet sugar, raw, in solid form, not containing added flavouring/colouring matter | 170112 |
| All food | Food | Sugar | Cane/beet sugar & chemically pure sucrose, in solid form, containing added flavouring/colouring matter | 170191 |
| All food | Food | Sugar | Cane/beet sugar & chemically pure sucrose, in solid form, not containing added flavouring/colouring matter | 170199 |
| All food | Food | Bovine meat | Carcasses/half-carcasses of bovine animals, fresh/chilled | 020110 |
| All food | Food | Bovine meat | Meat of bovine animals, fresh/chilled (excl. Of 0201.10), bone-in | 020120 |
| All food | Food | Bovine meat | Meat of bovine animals, fresh/chilled, boneless | 020130 |
| All food | Food | Bovine meat | Carcasses/half-carcasses of bovine animals, frozen | 020210 |
| All food | Food | Bovine meat | Meat of bovine animals, frozen (excl. Of 0202.10), bone-in | 020220 |
| All food | Food | Bovine meat | Meat of bovine animals, frozen, boneless | 020230 |
| All food | Food | Bananas | Bananas, including plantains, fresh or dried. | 080300 |
| All food | Food | Pepper | Pepper (genus piper), neither crushed/ground | 090411 |
| All food | Food | Pepper | Pepper (genus piper), crushed/ground | 090412 |
| All food | Food | Pepper | Fruits of the genera capsicum/pimenta, dried/crushed/ground | 090420 |
| All food | Food | Soybean meal | Flours & meals of soya beans | 120810 |
| All food | Food | Fish meal - edible | Flours, meals & pellets of fish, fit for human consumption | 030510 |
| All food | Food | Fish | Trout (salmo trutta, oncorhynchus mykiss/clarki/aguabonita/gilae/apache/chrysogaster), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030211 |
| All food | Food | Fish | Pacific salmon/atlantic salmon/danube salmon [see list of conventions for species incld.], fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030212 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|----------|----------|-------------------------|--|-----------------|
| All food | Food | Fish | Salmonidae (excl. Of 0302.11 & 0302.12; excl. Fillets/other fish meat of 03.04/livers & roes), fresh/chilled | 030219 |
| All food | Food | Fish | Halibut (reinhardtius hippoglossoides, hippoglossus hippoglossus/stenolepis), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030221 |
| All food | Food | Fish | Plaice (pleuronectes platessa), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030222 |
| All food | Food | Fish | Sole (solea spp.), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030223 |
| All food | Food | Fish | Flat fish (excl. Of 0302.21-0302.23) [see list of conventions for species incld.], fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030229 |
| All food | Food | Fish | Albacore/longfinned tunas (thunnus alalunga), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030231 |
| All food | Food | Fish | Yellowfin tunas (thunnus albacares), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030232 |
| All food | Food | Fish | Skipjack/stripe-bellied bonito (euthynnus (katsuwonus) pelamis), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030233 |
| All food | Food | Fish | Bigeye tunas (thunnus obesus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030234 |
| All food | Food | Fish | Bluefin tunas (thunnus thynnus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030235 |
| All food | Food | Fish | Southern bluefin tunas (thunnus maccoyii), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030236 |
| All food | Food | Fish | Tunas, skipjack & bonito (excl. Of 0302.31-0302.36), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030239 |
| All food | Food | Fish | Herrings (clupea harengus/pallasii), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030240 |
| All food | Food | Fish | Cod (gadus morhua/ogac/macrocephalus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030250 |
| All food | Food | Fish | Sardines (sardina pilchardus, sardinops spp.)/sardinella (sardinella spp.)/brisling/sprats (sprattus sprattus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers/roes) | 030261 |
| All food | Food | Fish | Haddock (melanogrammus aeglefinus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030262 |
| All food | Food | Fish | Coalfish (pollachius virens), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030263 |
| All food | Food | Fish | Mackerel (scomber scombrus/australasicus/japonicus), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030264 |
| All food | Food | Fish | Dogfish & other sharks, fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030265 |
| All food | Food | Fish | Eels (anguilla spp.), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030266 |
| All food | Food | Fish | Swordfish (xiphias gladius), fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030267 |
| All food | Food | Fish | Toothfish (dissostichus spp.),fresh/chilled (excl. Fillets/other fish meat of 03.04/livers & roes) | 030268 |
| All food | Food | Fish | Fish,n.e.s. In 03.02, fresh/chilled(excl. Fillets/other fish meat of 03.04/livers & roes). | 030269 |



| Group | Subgroup | Index | Commodity description | HS 2007 |
|----------|-----------------------------|----------------------------|--|----------------|
| All food | Food | commodity item Crustaceans | Rock lobster & other sea crawfish (palinurus spp., panulirus spp., jasus spp.), whether/not in shell, frozen | code 030611 |
| All food | Food | Crustaceans | Lobsters (homarus spp.), whether/not in shell, frozen | 030612 |
| All food | Food | Crustaceans | Shrimps & prawns, whether/not in shell, frozen | 030613 |
| All food | Food | Crustaceans | Crabs, whether/not in shell, frozen | 030614 |
| All food | Food | Crustaceans | Rock lobster & other sea crawfish (palinurus spp., panulirus spp., jasus spp.), whether/not in shell, other than frozen | 030621 |
| All food | Food | Crustaceans | Lobsters (homarus spp.), whether/not in shell, other than frozen | 030622 |
| All food | Food | Crustaceans | Shrimps & prawns, whether/not in shell, other than frozen | 030623 |
| All food | Food | Crustaceans | Crabs, whether/not in shell, other than frozen | 030624 |
| All food | Food | Crustaceans | Crustaceans, other than frozen (excl. Of 0306.21-0306.24); flours/meals/pellets of crustaceans, fit for human consumption, other than frozen | 030629 |
| All food | Tropical beverages | Coffee | Coffee, not roasted, not decaffeinated | 090111 |
| All food | Tropical beverages | Coffee | Coffee, not roasted, decaffeinated | 090112 |
| All food | Tropical beverages | Coffee | Coffee, roasted, not decaffeinated | 090121 |
| All food | Tropical beverages | Coffee | Coffee, roasted, decaffeinated | 090122 |
| All food | Tropical beverages | Coffee | Coffee husks & skins; coffee substitutes containing coffee in any proportion | 090190 |
| All food | Tropical beverages | Cocoa beans | Cocoa beans, whole or broken, raw or roasted. | 180100 |
| All food | Tropical beverages | Cocoa beans | Cocoa shells, husks, skins and other cocoa waste. | 180200 |
| All food | Tropical beverages | Tea | Tea, green (not fermented), whether/not flavoured, in immediate packings of a content not >3kg | 090210 |
| All food | Tropical beverages | Tea | Tea, green (not fermented), whether/not flavoured, in immediate packings of a content >3kg | 090220 |
| All food | Tropical beverages | Tea | Tea, black (fermented) & partly fermented tea, whether/not flavoured, in immediate packings of a content not >3kg | 090230 |
| All food | Tropical beverages | Tea | Tea, black (fermented) & partly fermented tea, whether/not flavoured, in immediate packings of a content >3kg | 090240 |
| All food | Vegetable oilseeds and oils | Soybeans | Soybeans | 120100 |
| All food | Vegetable oilseeds and oils | Soya bean oil | Soya bean oil, crude, whether/not degummed, not chemically modified | 150710 |
| All food | Vegetable oilseeds and oils | Sunflower oil | Sunflower seed/safflower oil, crude | 151211 |
| All food | Vegetable oilseeds and oils | Ground-nut oil | Ground-nut oil, crude | 150810 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|----------------------------|--------------------------------|-------------------------|--|-----------------|
| All food | Vegetable oilseeds and oils | Copra | Copra | 120300 |
| All food | Vegetable oilseeds and oils | Coconut oil | Coconut (copra) oil, crude | 151311 |
| All food | Vegetable oilseeds and oils | Palm kernel oil | Palm kernel/babassu oil, crude | 151321 |
| All food | Vegetable oilseeds and oils | Palm oil | Palm oil, crude | 151110 |
| Agricultural raw materials | Agricultural raw materials | Fish meal fodder | Flours, meals & pellets of fish/of crustaceans, molluscs/other aquatic invertebrates | 230120 |
| Agricultural raw materials | Agricultural raw materials | Tobacco | Tobacco, not stemmed/stripped | 240110 |
| Agricultural raw materials | Agricultural raw materials | Tobacco | Tobacco, partly/wholly stemmed/stripped | 240120 |
| Agricultural raw materials | Agricultural raw materials | Tobacco | Tobacco refuse | 240130 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Cotton, not carded/combed | 520100 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Yarn waste (incl. Thread waste), of cotton | 520210 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Garnetted stock of cotton | 520291 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Cotton waste other than yarn waste (incl. Thread waste) & garnetted stock | 520299 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Cotton, carded/combed | 520300 |
| Agricultural raw materials | Agricultural raw materials | Cotton | Cotton linters | 140420 |
| Agricultural raw materials | Agricultural raw materials | Wool | Wool, not carded/combed, greasy, incl. Fleece-washed wool, shorn | 510111 |
| Agricultural raw materials | Agricultural raw materials | Wool | Wool, not carded/combed, greasy, incl. Fleece-washed wool, other than shorn | 510119 |
| Agricultural raw materials | Agricultural raw materials | Wool | Wool, not carded/combed, degreased, not carbonised, shorn | 510121 |
| Agricultural raw materials | Agricultural raw materials | Wool | Wool, not carded/combed, degreased, not carbonised, other than shorn | 510129 |
| Agricultural raw materials | Agricultural raw materials | Wool | Wool, not carded/combed, carbonised | 510130 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|-------------------------------|-------------------------------|-------------------------|---|-----------------|
| Agricultural raw materials | Agricultural raw materials | Wool | Fine animal hair, not carded/combed, of kashmir (cashmere) goats | 510211 |
| Agricultural raw materials | Agricultural raw materials | Wool | Fine animal hair, not carded/combed, other than of kashmir (cashmere) goats | 510219 |
| Agricultural raw materials | Agricultural raw materials | Wool | Coarse animal hair, not carded/combed | 510220 |
| Agricultural raw materials | Agricultural raw materials | Wool | Noils of wool/fine animal hair | 510310 |
| Agricultural raw materials | Agricultural raw materials | Wool | Waste of wool/of fine animal hair, incl. Yarn waste but excl. Garnetted stock, other than noils of wool/fine animal hair | 510320 |
| Agricultural raw materials | Agricultural raw materials | Wool | Waste of coarse animal hair | 510330 |
| Agricultural raw materials | Agricultural raw materials | Jute | Jute & other textile bast fibres, raw/retted | 530310 |
| Agricultural raw materials | Agricultural raw materials | Jute | Jute & other textile bast fibres (excl. Flax, true hemp & ramie), raw/processed but not spun (excl. Of 5303.10); tow & waste of these fibres (incl. Yarn waste & garnetted stock) | 530390 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Whole bovine (incl. Buffalo)/equine hides & skins, weight per skin not >8kg (simply dried)/10kg (dry-salted)/16kg (fresh/wet-salted/othw. Preserved) | 410120 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Whole bovine (incl. Buffalo)/equine hides & skins, weight >16kg(fresh/salted/dried/limed/pickled/othw. Preserved but not tanned/parchment-dressed/further prepared), whether/not dehaired/split | 410150 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Raw hides & skins of bovine (including buffalo)/equine animals (fresh/salted/dried/limed/pickled/othw. Preserved, but not tanned/parchment-dressed/further prepared), whether/not dehaired/split(excl. Of 4101.20&4101.50 | 410190 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Tanned/crust hides & skins of bovine (incl. Buffalo)/equine animals, without hair on, in the wet state (incl. Wet-blue), full grains, unsplit; grain splits but not further prepared | 410411 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Tanned/crust hides & skins of bovine (incl. Buffalo)/equine animals, without hair on, in the wet state (incl. Wet-blue), whether/not split but not further prepared (excl. Of 4104.11) | 410419 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Tanned/crust hides & skins of bovine (incl. Buffalo)/equine animals, without hair on, in the dry state (crust), full grains, unsplit; grain splits but not further prepared | 410441 |
| Agricultural raw materials | Agricultural raw materials | Hides and skins | Tanned/crust hides & skins of bovine (incl. Buffalo)/equine animals, without hair on, in the dry state (crust), whether/not split but not further prepared (excl. Of 4104.41) | 410449 |
| Agricultural raw materials | Agricultural raw materials | Tropical logs | Dark red meranti, light red meranti & meranti bakau, in the rough, whether/not stripped of bark/sapwood/roughly squared | 440341 |
| Agricultural raw materials | Agricultural raw materials | Tropical logs | Tropical wood spec. In sh note 1 to ch.44 (excl. Of 4403.41), in the rough, whether/not stripped of bark/sapwood/roughly squared | 440349 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped lengthwise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of mahogany (swietenia spp.) | 440721 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|-------------------------------|--|-------------------------|--|-----------------|
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped lengthwise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of virola, imbuia&balsa | 440722 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped length wise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of dark red meranti, light red meranti & meranti bakau | 440725 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped length wise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of white lauan, white meranti, white seraya, yellow meranti & alan | 440726 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped lengthwise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of sapelli | 440727 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped lengthwise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of iroko | 440728 |
| Agricultural raw materials | Agricultural raw materials | Tropical sawnwood | Wood sawn/chipped lengthwise, sliced/peeled, whether/not planed, sanded/end-jointed, of a thickness >6mm, of tropical wood specified in subheading note 1 to this ch. (excl. Of 4407.21-4407.28) | 440729 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, veneered panels&similar laminated wood, of bamboo | 441210 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, consisting solely of sheets of wood (other than bamboo), each ply not> 6 mm thkns, with at least one outer ply of tropical wood specified in subheading note 1 to this ch. | 441231 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, consisting solely of sheets of wood (other than bamboo), each ply not> 6 mm thkns, with at least one outer ply of non-coniferous wood | 441232 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, consisting solely of sheets of wood (other than bamboo,excl. Of 4412.31 &4412.32), each ply not> 6 mm thkns | 441239 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, veneered panels&similar laminated wood, of blockboard, laminboard&battenboard | 441294 |
| Agricultural raw materials | Agricultural raw materials | Plywood | Plywood, veneered panels&similar laminated wood, n.e.s.(excl. Of 4412.10-4412.94) | 441299 |
| Agricultural raw materials | Agricultural raw materials | Rubber | Natural rubber latex, whether/not pre-vulcanised | 400110 |
| Agricultural raw materials | Agricultural raw materials | Rubber | Natural rubber (excl. Latex), in smoked sheets | 400121 |
| Agricultural raw materials | Agricultural raw materials | Rubber | Technically spec. Natural rubber (tsnr) | 400122 |
| Agricultural raw materials | Agricultural raw materials | Rubber | Natural rubber other than latex/smoked sheets/technically spec. Natural rubber | 400129 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Phosphate rock | Natural calcium phosphates, natural aluminium calcium phosphates & phosphatic chalk, unground | 251010 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Phosphate rock | Natural calcium phosphates, natural aluminium calcium phosphates & phosphatic chalk, ground | 251020 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Manganese ore | Manganese ores and concentrates | 260200 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|---------------------------|--|-------------------------|---|-----------------|
| Minerals, ores and metals | Minerals, ores and non-precious metals | Iron ore | Iron ores & concentrates (excl. Roasted iron pyrites), non-agglomerated | 260111 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Iron ore | Iron ores & concentrates (excl. Roasted iron pyrites), agglomerated | 260112 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Iron ore | Ferrous waste & scrap (excl. Of 7204.10-7204.41) | 720449 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Aluminium | Aluminium ores and concentrates | 260600 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Aluminium | Aluminium oxide (excl. Artificial corundum) | 281820 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Aluminium | Aluminium hydroxide | 281830 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Aluminium | Aluminium, not alloyed, unwrought | 760110 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Aluminium | Aluminium waste & scrap | 760200 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Copper | Copper ores and concentrates | 260300 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Copper | Copper mattes; cement copper (precipitated copper). | 740100 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Copper | Unrefined copper; copper anodes for electrolytic refining | 740200 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Copper | Copper waste & scrap | 740400 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Nickel | Nickel ores and concentrates | 260400 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Nickel | Nickel mattes | 750110 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Nickel | Nickel, not alloyed, unwrought | 750210 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Nickel | Nickel waste & scrap | 750300 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Lead | Lead ores and concentrates | 260700 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Lead | Unwrought lead, refined | 780110 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Lead | Unwrought lead other than refined, containing by weight antimony as the principal other element | 780191 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|---------------------------|--|-------------------------|--|-----------------|
| Minerals, ores and metals | Minerals, ores and non-precious metals | Lead | Unwrought lead other than refined, n.e.s. In 78.01 | 780199 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Lead | Lead waste and scrap. | 780200 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Zinc | Zinc ores and concentrates | 260800 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Zinc | Zinc, not alloyed, unwrought, containing by weight 99.99%/more of zinc | 790111 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Zinc | Zinc, not alloyed, unwrought, containing by weight <99.99% of zinc | 790112 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Zinc | Zinc waste and scrap. | 790200 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Tin | Tin ores and concentrates | 260900 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Tin | Tin, not alloyed, unwrought | 800110 |
| Minerals, ores and metals | Minerals, ores and non-precious metals | Tin | Tin waste & scrap | 800200 |
| Minerals, ores and metals | Precious metals | Gold | Gold (incl. Gold plated with platinum), non-monetary, in powder form | 710811 |
| Minerals, ores and metals | Precious metals | Gold | Gold (incl. Gold plated with platinum), in unwrought forms (excl. Powder) | 710812 |
| Minerals, ores and metals | Precious metals | Gold | Gold (incl. Gold plated with platinum), non-monetary, in semi-manufactured forms | 710813 |
| Minerals, ores and metals | Precious metals | Silver | Silver ores & concentrates | 261610 |
| Minerals, ores and metals | Precious metals | Silver | Silver (incl. Silver plated with gold/platinum), in powder form | 710610 |
| Minerals, ores and metals | Precious metals | Silver | Silver (incl. Silver plated with gold/platinum), unwrought | 710691 |
| Minerals, ores and metals | Precious metals | Silver | Silver (incl. Silver plated with gold/platinum), in semi-manufactured forms | 710692 |
| Minerals, ores and metals | Precious metals | Platinum | Platinum, unwrought/in powder form | 711011 |
| Minerals, ores and metals | Precious metals | Platinum | Platinum, in semi-manufactured forms | 711019 |
| Fuels | Gas | Natural gas | Natural gas, liquefied | 271111 |
| Fuels | Gas | Natural gas | Propane, liquefied | 271112 |



| Group | Subgroup | Index commodity item | Commodity description | HS 2007 code |
|-------|-----------|-------------------------|--|-----------------|
| Fuels | Gas | Natural gas | Butanes, liquefied | 271113 |
| Fuels | Gas | Natural gas | Natural gas, in gaseous state | 271121 |
| Fuels | Coal | Coal | Anthracite coal, whether/not pulverised but not agglomerated | 270111 |
| Fuels | Coal | Coal | Bituminous coal, whether/not pulverised but not agglomerated | 270112 |
| Fuels | Coal | Coal | Coal other than anthracite & bituminous, whether/not pulverised but not agglomerated | 270119 |
| Fuels | Petroleum | Crude petroleum | Petroleum oils and oils obtained from bituminous minerals, crude. | 270900 |



Table A3. Price quotations used, and their sources

| Commodity description | Database code | Source |
|---|---------------|---|
| Aluminium, primary, high grade, LME, cash (\$/t) | 260600.01 | Metal Bulletin Limited |
| Bananas, Central and South America, FOT, US import price (\$/kg) | 080300.01 | World Bank - Commodity-markets |
| Beef, Australia/New Zealand, frozen, CIF US ports (\$/kg) | 020100.01 | World Bank - Commodity-markets |
| Cattle hides, heavy native steer, plant value, FOB (\$/piece) | 410100.02 | Harland M. Braun & Co. |
| Cattle hides, US Chicago packer's heavy native steers, FOB shipping point (¢/lb.) | 410100.01 | IMF - Primary Commodity Prices |
| Coal, HBA, Indonesia, FOB (\$/t) | 270100.01 | Thomson Reuters |
| Coal, steam coal, Australia, average FOB Newcastle (\$/t) | 270100.02 | Thomson Reuters |
| Cocoa beans, average daily prices New York/London (¢/lb.) | 180100.01 | International Cocoa Organization (ICCO) |
| Coconut oil, in bulk, Philippines/Indonesia, CIF Rotterdam (\$/t) | 151311.01 | World Bank - Commodity-markets |
| Coffee, Brazilian and other natural Arabicas, ex-dock USA (¢/lb.) | 090100.02 | International Coffee Organization (ICO) |
| Coffee, Colombian mild Arabicas, ex-dock US (¢/lb.) | 090100.01 | International Coffee Organization (ICO) |
| Coffee, other mild Arabicas, ex-dock US (¢/lb.) | 090100.03 | International Coffee Organization (ICO) |
| Coffee, Robustas, ex-dock US (¢/lb.) | 090100.05 | International Coffee Organization (ICO) |
| Copper, grade A, electrolytic wire bars/cathodes, LME, cash (£/t) | 260300.01 | Metal Bulletin Limited |
| Copra, in bulk, Philippines/Indonesia, CIF N.W. European ports (\$/t) | 120300.01 | World Bank - Commodity-markets |
| Cotton, Cotlook A Index, Middling 1-1/8", CFR Far Eastern (¢/lb.) | 140400.03 | Cotton Outlook |
| Crude oil UK Brent, light blend API 38°, spot price, FOB UK ports (\$/barrel) | 270900.01 | World Bank - Commodity-markets |
| Crude oil, Dubai, medium, Fateh API 32°, spot price, FOB Dubai (\$/barrel) | 270900.02 | World Bank - Commodity-markets |
| Fine wool, 19 micron, Australia (\$/t) | 510100.01 | IMF - Primary Commodity Prices |
| Fine wool, 19 Micron, AWEX auction price, Australia (\$/t) | 510100.03 | Australian Wool Innovation (AWI) |
| Fish meal, in bulk, 64/65% protein, FCA, Bremen (\$/t) | 230120.01 | World Bank - Commodity-markets |



| Commodity description | Database code | Source |
|--|---------------|---|
| Gold, 99.5% fine, afternoon fixing London (\$/troy ounce) | 710800.01 | Metal Bulletin Limited |
| Groundnut oil, in bulk, any origin, CIF Rotterdam (\$/t) | 150810.01 | World Bank - Commodity-markets |
| Iron ore, Brazilian to Europe, Vale Itabira SSF, 64.5% Fe content, FOB (¢/Fe unit) | 260100.04 | The TEX Report |
| Iron Ore, China import, fines, 62% Fe,spot (\$/dry tonne) | 260100.01 | Metal Bulletin Limited |
| Jute, Bangladesh, BWD, FOB Mongla (\$/t) | 530300.01 | FAO - Trade and Markets Division |
| Lead, LME, cash settlement (\$/t) | 260700.02 | Metal Bulletin Limited |
| Maize, United States, n° 3 yellow, FOB Gulf (\$/t) | 100500.02 | International Grains Council (IGC) |
| Manganese ore, 44% Mn, CIF Tianjin (\$/t) | 260200.01 | Metal Bulletin Limited |
| Natural gas, index, Europe, United States and Japan (2010=100) | 271100.01 | World Bank - Commodity-markets |
| Nickel, LME, cash (\$/t) | 260400.01 | Metal Bulletin Limited |
| Palm kernel oil, in bulk, Malaysia/Indonesia, CIF Rotterdam (\$/t) | 151321.01 | World Bank - Commodity-markets |
| Palm oil, in bulk, Malaysia/Indonesia, 5% FFA, CIF (\$/t) | 151110.01 | World Bank - Commodity-markets |
| Pepper, Indonesia, white Muntok, FAQ, EXW Rotterdam (\$/t) | 090400.01 | IEG Vu, Agribusiness intelligence Informa |
| Phosphate rock, Khouribga, 70% BPL, contract, FAS Casablanca (\$/t) | 251000.01 | World Bank - Commodity-markets |
| Platinum (\$/.9995 fine ounces) | 711000.01 | Metal Bulletin Limited |
| Plywood, Africa & SE Asia, Lauan, 3-ply, 91cmx182cmx4mm, wholesale Tokyo (¢/sheet) | 441200.01 | World Bank - Commodity-markets |
| Rice, Thailand, white milled, 5% broken, export price, FOB (\$/t) | 100600.01 | World Bank - Commodity-markets |
| Rubber, TSR 20, New York CIF (\$/t) | 400100.01 | Singapore Exchange (SGX) |
| Salmon, fresh, fish-farm bred, export price, Norway (\$/kg) | 030212.01 | Statistics Norway |
| Sawnwood, Dark Red Meranti, Malaysia, CFR plus commission, UK (\$/m3) | 440700.01 | World Bank - Commodity-markets |
| Shrimps, brown no. 1, shell-on, headless, Mexico (\$/kg) | 030613.01 | World Bank - Commodity-markets |
| Silver, 99.9%, Handy & Harman, New York (¢/troy ounce) | 261600.01 | Metal Bulletin Limited |



| Commodity description | Database code | Source |
|---|---------------|--|
| Soybean meal, in bulk, 45/46% protein, Hamburg FOB ex-mill (\$/t) | 120810.01 | World Bank - Commodity-markets |
| Soybean oil, in bulk, Netherlands, FOB ex-mill (\$/t) | 150710.01 | World Bank - Commodity-markets |
| Soybeans, in bulk, United States, n° 2 yellow, CIF Rotterdam (\$/t) | 120100.01 | World Bank - Commodity-markets |
| Sugar, average of I.S.A. daily prices, FOB & Stowed, in bulk, Caribbean ports (¢/lb.) | 170100.01 | International Sugar Organization (ISO) |
| Sunflower oil, in bulk, European Union, FOB N.W. European ports (\$/t) | 151211.01 | World Bank - Commodity-markets |
| Tea, Kenya Mombasa/Nairobi, auction price (\$/kg) | 090200.01 | World Bank - Commodity-markets |
| Tin, LME, cash (\$/t) | 260900.01 | Metal Bulletin Limited |
| Tobacco, unmanufactured, US import unit value (\$/t) | 240100.01 | United States Department of Agriculture (USDA) |
| Tropical logs, Sapele, high quality (loyal and marchand), FOB, Cameroon (\$/m3) | 440300.01 | World Bank - Commodity-markets |
| Wheat, United States, n° 2 Hard Red Winter (ordinary), FOB Gulf (\$/t) | 100100.01 | International Grains Council (IGC) |
| Zinc, special high grade, LME, cash settlement (\$/t) | 260800.01 | Metal Bulletin Limited |

