

Workshop on updated and new recommendations for International Merchandise Trade Statistics (IMTS 2010) and their implementation in countries of the Sub-Saharan Africa region

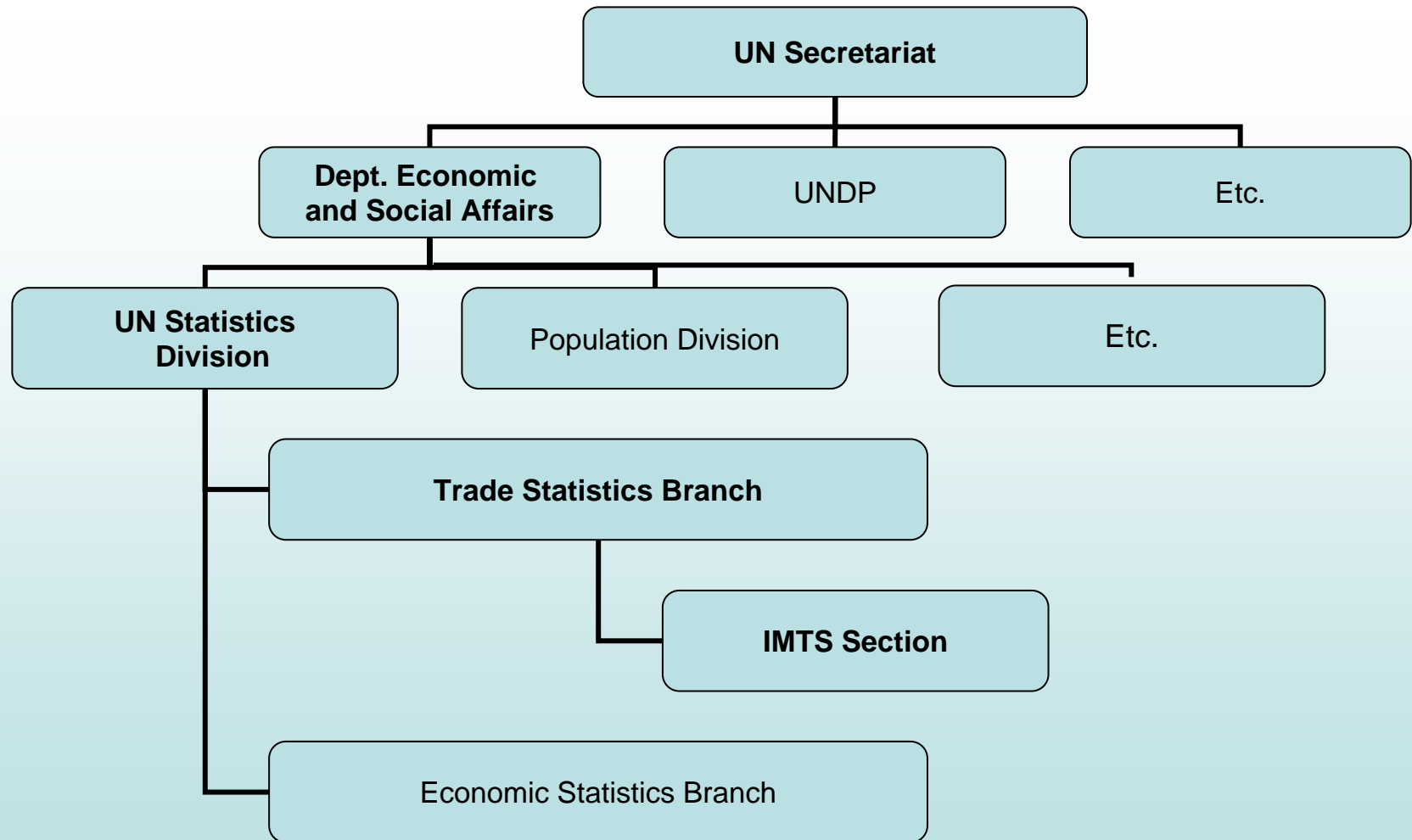
Lusaka, Zambia, 1-5 November, 2010

Agenda Item 4: UNSD activities in the field of International Merchandise Trade Statistics (IMTS)



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The United Nations



Activities of the International Merchandise Trade Statistics (IMTS) Section

Four working areas:

1. Methodology / International standards and recommendations
2. UN Comtrade Database
3. Analytical tables (publications)
4. International Coordination and Technical Assistance

1. Methodological work on IMTS

The IMTS Section is responsible for:

the development and maintenance of the IMTS methodology, including IMTS concepts and definitions (IMTS, Rev. 2) and the Standard International Trade Classification (SITC, Rev. 4)

i. Concepts & Methods

- IMTS, Concepts and Definitions 2010 (IMTS 2010)
- IMTS, Concepts & Definitions <http://unstats.un.org/unsd/pubs/gesgrid.asp?id=317>
- IMTS, Compilers Manual <http://unstats.un.org/unsd/pubs/gesgrid.asp?id=111>
- IMTS, Supplement to the Compilers Manual (2008)
<http://unstats.un.org/unsd/trade/imtssupplcompilersmanual.htm>
- Unit Value index and trade indices calculation (Strategies for Price and Quantity Measurement in External Trade; A technical report.)

ii. National Practices

- IMTS, National Compilation and Dissemination Practices 2006
<http://unstats.un.org/unsd/tradereport/default.asp>

1. Methodological work on IMTS

i. Concepts & Methods

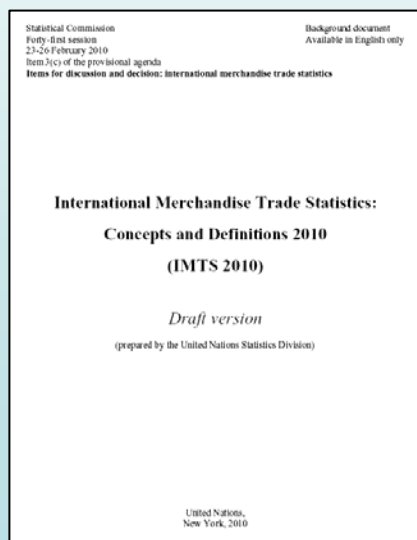
IMTS, Concepts and Definitions, Rev.2 (1998)



IMTS Compilers Manual (2004)



IMTS, Supplement to the Compilers Manual (2008)



IMTS, Concepts and Definitions 2010 (IMTS 2010)

1. Methodological work on IMTS (cont.)

iii. IMTS classifications and correspondence tables:

Commodity classifications:

- Standard International Trade Classification (SITC, Revision 4) and correspondence tables <http://unstats.un.org/unsd/trade/sitcrev4.htm>
- Classification by Broad Economic Categories (BEC): correspondence table with the Harmonized System -2002 and SITC, R3) <http://unstats.un.org/unsd/trade/methodology%20IMTS.htm>
- Other IMTS classifications and related correspondence tables <http://unstats.un.org/unsd/trade/methodology%20IMTS.htm>
- Statistical Territories of the World for Use in International Merchandise Trade Statistics <http://unstats.un.org/unsd/trade/methodology%20IMTS.htm>



2. UN comtrade

The UN Comtrade database (<http://comtrade.un.org/>):

- Collection and standardization of detailed merchandise trade statistics by partner and commodity (over 170 reporter countries);
- More than 1 billion trade records starting from 1962;
- Modern data processing system with extensive verification procedures regarding totals, data by partner and commodity, and quantity information;
- Powerful web-based dissemination system with free and subscriber access;
- Additional services: Knowledge base, Community Forum

→ reference database for worldwide data on IMTS

→ Also available at UN Data <http://data.un.org/>

3. Analytical tables (publications)

...covering trade values and indices for individual countries and regions.

- International Trade Statistics Yearbook tables (annual data)
→ Consisting of country tables, Commodity tables, and analytical tables
- Monthly Bulletin of Statistics tables (monthly and quarterly data)
→ Analytical tables (containing world and region totals for trade values and trade indices for total exports, total imports, manufactured goods exports and fuel imports)
- Annual Totals Table (Country totals compared)
- Historical data (1900-1960)
- Other analytical outputs:
 - Unit value calculation based on UN Comtrade data
 - Conversion factor calculation

All are freely accessible

3. Analytical tables (publications)

2009 International Trade Statistics Yearbook tables, Vol. I Trade by Country

Zambia

Imports: CIF, by origin

Exports: FOB, by last known destination

Trade System: Special

Overview:

After several years of continuous growth marked by a peak of 5.1 bin US\$ in 2008, the value of the exports of Zambia dropped by 15.4 percent in 2009 and amounted to 4.3 bin US\$, well below its 2007 level (see table 1 and graph 1). Imports showed a more pronounced development with a decline of 25.1 percent in 2009 to 3.8 bin US\$ (see table 2 and graph 1). The trade balance recorded a surplus of 519 mln US\$ in 2009 (see graph 1). By MDG region, trade recorded deficits with Sub-Saharan Africa (-1.3 bin US\$) and Western Asia (-0.2 bin US\$) while Developed Europe and Eastern Asia recorded surpluses respectively 1.8 bin and 0.3 bin US\$ (see graph 2). Zambia's trade was relatively concentrated among a few partners: respectively 6 and 8 major partners accounted for 80 percent of exports and imports. In addition, Switzerland, the top partner for exports, accounted for a large share (47.0 percent) of total exports in 2009 (see table 4).

Graph 1: Total imports, exports and trade balance

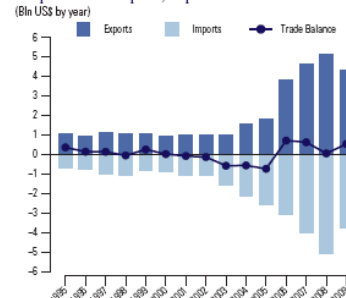


Table 1: Exports by SITC sections

| SITC | 2009 | Avg. Growth rates (%) 2005-2009 | 2009 share |
|-------|--------|---------------------------------|------------|
| Total | 4312.1 | 24.2 | 100.0 |
| 0+1 | 314.9 | 7.8 | 12.1 |
| 2+4 | 585.9 | 25.1 | 30.4 |
| 3 | 38.2 | 30.5 | 6.2 |
| 5 | 67.3 | 54.7 | 20.7 |
| 6 | 3071.9 | 25.8 | 16.5 |
| 7 | 138.8 | 15.1 | 2.2 |
| 8 | 29.7 | -15.1 | 69.9 |
| 9 | 45.3 | 207.4 | 57.9 |

Table 2: Imports by SITC sections

| SITC | 2009 | Avg. Growth rates (%) 2005-2009 | 2009 share |
|-------|--------|---------------------------------|------------|
| Total | 3792.6 | 10.3 | 100.0 |
| 0+1 | 156.3 | 9.9 | -0.9 |
| 2+4 | 474.3 | 38.3 | -30.2 |
| 3 | 528.6 | 18.5 | -34.8 |
| 5 | 709.0 | 11.9 | -6.4 |
| 6 | 617.2 | 12.9 | -16.8 |
| 7 | 1865.8 | 7.7 | -34.0 |
| 8 | 195.9 | -15.0 | -8.8 |
| 9 | 15.5 | -17.5 | -64.3 |

Exports Profile:

In 2009, exports of manufactured goods classified chiefly by material (SITC section 6), the largest commodity group for exports, dropped by 16.5 percent and represented 71.2 percent of exported goods (see table 1). Exports of inedible crude materials (except fuels), animal and vegetable oils, fats and waxes (SITC sections 2+4), the other major commodity group for exports, also decreased by 30.4 percent and represented 13.6 percent of exports in 2009. In addition to Switzerland, other major partners for exports included China and South Africa (see table 4). Over the last three years, copper products were the top commodities for exports (see table 3). These are refined copper and copper alloys, unwrought (HS code 7403), copper plates, sheets and strip, of a thickness exceeding 0.15 mm (HS code 7409) and copper ores and concentrates (HS code 2603). They accounted respectively for 52.2, 12.4 and 6.7 percent of exports in 2009.

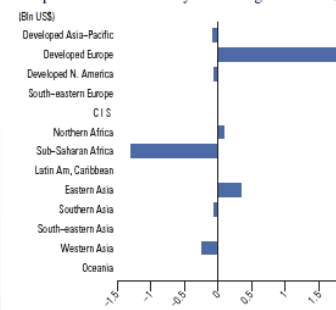
Table 3: Top 10 export commodities 2007 to 2009

| HS code | 4-digit heading of Harmonized System 2002 | Value (million US\$) | | | Unit value | | | SITC code |
|---|---|----------------------|--------|--------|------------|------|------|-------------|
| | | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 | |
| All Commodities | | 4617.5 | 5096.7 | 4312.1 | | | | |
| 7403 Refined copper and copper alloys, unwrought | | 2104.7 | 2113.7 | 2249.9 | 7.1 | 6.9 | 4.6 | US\$/kg 682 |
| 7409 Copper plates, sheets and strip, of a thickness exceeding 0.15 mm | | 824.7 | 996.6 | 534.6 | 7.3 | 7.4 | 5.5 | US\$/kg 682 |
| 2603 Copper ores and concentrates | | 255.5 | 688.6 | 287.9 | 2.3 | 2.0 | 0.7 | US\$/kg 283 |
| 8105 Cobalt mattes and other intermediate products of cobalt metallurgy | | 250.5 | 294.0 | 75.2 | 55.3 | 74.6 | 10.5 | US\$/kg 689 |
| 7408 Copper wire | | 158.9 | 149.4 | 102.5 | 7.6 | 8.6 | 5.4 | US\$/kg 682 |
| 1701 Cane or beet sugar and pure sucrose, in solid form | | 82.4 | 57.9 | 95.1 | 0.6 | 0.6 | 0.6 | US\$/kg 061 |
| 2401 Unmanufactured tobacco; tobacco refuse | | 61.5 | 71.7 | 84.7 | 2.6 | 2.9 | 3.2 | US\$/kg 121 |
| 7402 Unrefined copper; copper anodes for electrolytic refining | | 152.1 | 8.9 | 0.1 | 7.5 | 4.7 | 4.4 | US\$/kg 682 |
| 2605 Cobalt ores and concentrates | | 9.6 | 24.8 | 101.6 | 2.1 | 4.0 | 2.1 | US\$/kg 287 |
| 1005 Maize (corn) | | 60.2 | 51.1 | 21.9 | 0.3 | 0.3 | 1.1 | US\$/kg 044 |

Source: UN Comtrade

Zambia

Graph 2: Trade Balance by MDG Regions in 2009



Graph 3: Partner concentration of trade in 2009

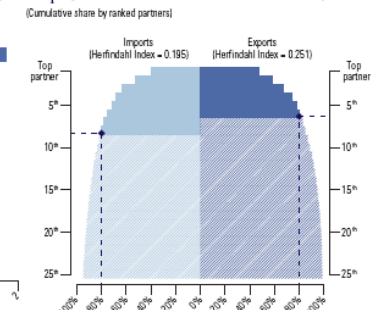


Table 4: Exports by principal countries and SITC sections in 2009

| Country | Total | Shares by SITC sections (%) | | | | | | | | | |
|-------------------------|--------|-----------------------------|------|-----|------|------|------|-----|-----|-------|--|
| | | 0+1 | 2+4 | 3 | 5 | 6 | 7 | 8 | 9 | Total | |
| World | 4312.1 | 7.3 | 13.6 | 0.9 | 2.0 | 71.2 | 3.2 | 0.7 | 1.1 | 100 | |
| Switzerland | 2027.2 | 0.0 | 13.8 | 0.0 | ... | 86.2 | 0.0 | 0.0 | 0.0 | 100 | |
| China | 482.6 | 2.0 | 8.6 | ... | 0.2 | 88.8 | 0.3 | 0.0 | 0.0 | 100 | |
| South Africa | 394.7 | 10.0 | 37.8 | 0.2 | 0.4 | 32.2 | 12.1 | 2.2 | 5.1 | 100 | |
| Mad.Rep. of Congo... | 300.3 | 26.5 | 3.3 | 8.3 | 23.1 | 19.5 | 14.7 | 4.6 | 0.0 | 100 | |
| United Arab Emirates... | 141.0 | 0.0 | 1.6 | ... | 0.0 | 98.2 | 0.2 | 0.0 | 0.0 | 100 | |
| Saudi Arabia | 118.1 | 0.0 | 0.1 | ... | ... | 99.8 | 0.0 | ... | 0.1 | 100 | |
| Egypt | 106.5 | 0.0 | 0.0 | ... | ... | 99.8 | 0.2 | 0.0 | 0.0 | 100 | |
| United Kingdom | 87.2 | 13.0 | 3.1 | ... | 0.1 | 78.5 | 0.5 | 0.1 | 4.7 | 100 | |
| Zimbabwe | 84.3 | 61.1 | 1.8 | 7.1 | 3.9 | 4.1 | 18.9 | 2.5 | 0.6 | 100 | |
| Rep. of Korea | 77.0 | 0.0 | 0.1 | ... | ... | 99.8 | 0.0 | ... | 0.0 | 100 | |

Imports Profile:

In 2009, all the commodity groups for imports dropped in total by 25.1 percent (see table 2). Machinery and transport equipment (SITC section 7), which accounted for 28.6 percent of imports dropped by 34.0 percent. Other major commodity groups for imports included chemicals and related products, n.e.s. (SITC section 5) (18.7 percent), manufactured goods classified chiefly by material (SITC section 6) (16.3 percent) and mineral fuels, lubricants and related materials (SITC section 3) (13.9 percent). They decreased respectively by 5.4, 16.8 and 34.8 in 2009. From 2007 to 2009, major imported products were petroleum oils, crude (HS code 2709), copper ores and concentrates (HS code 2603) and petroleum oils, other than crude (HS code 2710) (see table 5).

Table 5: Top 10 import commodities 2007 to 2009

| HS code | 4-digit heading of Harmonized System 2002 | Value (million US\$) | | | Unit value | | | SITC code |
|---|---|----------------------|--------|--------|------------|------|------|---------------|
| | | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 | |
| All Commodities | | 4007.0 | 5060.5 | 3792.6 | | | | |
| 2709 Petroleum oils, crude | | 226.5 | 461.9 | 430.8 | 0.9 | 0.9 | 0.3 | US\$/kg 333 |
| 2603 Copper ores and concentrates | | 128.2 | 425.8 | 255.5 | 1.1 | 1.6 | 0.7 | US\$/kg 283 |
| 2710 Petroleum oils, other than crude | | 223.4 | 280.0 | 84.7 | 1.0 | 1.6 | 1.3 | US\$/kg 334 |
| 8704 Motor vehicles for the transport of goods | | 134.0 | 189.1 | 95.7 | | | | |
| 8474 Machinery for sorting, screening, separating, washing, crushing, grinding | | 133.0 | 109.8 | 76.3 | | | | |
| 8429 Self-propelled bulldozers, graders, levellers, scrapers | | 122.6 | 109.3 | 60.2 | 62.4 | ... | ... | US\$/unit 723 |
| 3004 Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) | | 53.4 | 137.4 | 97.0 | 82.2 | 42.4 | 33.7 | US\$/kg 542 |
| 8703 Motor cars and other motor vehicles principally designed for the transport | | 82.5 | 120.7 | 66.8 | 13.5 | ... | ... | US\$/unit 781 |
| 8431 Parts suitable for use principally with the machinery of headings 84.25 | | 92.3 | 105.6 | 63.9 | 22.2 | 14.7 | 15.2 | US\$/kg 723 |
| 7403 Refined copper and copper alloys, unwrought | | 1.9 | 100.7 | 124.3 | 4.4 | 6.0 | 4.7 | US\$/kg 682 |

Source: UN Comtrade

4. International Cooperation and Technical Assistance

- UN Statistical Commission



- Task Force on International Merchandise Trade Statistics
- Further cooperation with other international and regional organizations: ITC, OECD, FAO, WCO, ECLAC, Eurostat, etc.
- Conduct workshops to support countries in the implementation of the international recommendations on IMTS
http://unstats.un.org/unsd/trade/workshops_imts.htm
- Participation in other meetings/ workshops on IMTS

Thank you for your attention