

Total Trade CPC

Author: Alex Matrunich, Marco Garieri, Bo Werth, Christian Mongeau

Description:

The trade module is divided in two submodules: **complete_tf_cpc** and **total_trade_CPC**. Each module is year specific. This means that, at the time being, the trade module run indipendently for each year. In order to run the **tt total_trade_CPC**, the output of **complete_tf_cpc** is needed.

This module aggregates total trade flow by reporting country for partners countries to a single total trade for each unique CPC commodity code. The module save the ouput into the dataset **total_trade_cpc_m49**, within the **Trade** domain.

Change Log:

- add unit values using **flagMethod i**
- extend **flagWeightTable** with X

Import Data from Complete TF CPC

Import monetary values and quantities from data previously generated by **complete_tf_cpc** module.

1. 5608: Import Quantity (heads)
2. 5609: Import Quantity (1000 heads)
3. 5610: Import Quantity (tonne)
4. 5908: Export Quantity (heads)
5. 5909: Export Quantity (1000 heads)
6. 5910: Export Quantity (tonne)
7. 5622: Imports (US\$)
8. 5922: Exports (US\$)

Aggregate values across partner dimension

- ignore missing values in aggregation
- aggregate observation flags using the **flagWeightTable**
- set **flagMethod** to **s** for \$US values and quantity measures calculated as sum

flagObservationStatus	flagObservationWeights
	1.00
X	0.90
T	0.80
E	0.75
I	0.50
M	0.00

Calculate Unit Values

Calculate unit value (US\$ per quantity unit) at CPC level if the quantity is larger than zero

1. 5630: Import Unit Value (US\$ / tonne)
2. 5638: Import Unit Value (US\$ / heads)
3. 5639: Import Unit Value (US\$ / 1000 heads)
4. 5930: Export Unit Value (US\$ / tonne)

5. 5938: Export Unit Value (US\$ / heads)
6. 5939: Export Unit Value (US\$ / 1000 heads)
 - use `flagObservationsStatus` from quantity measures
 - set `flagMethod` to `i` for unit values calculated as identity