Agricultural trade data processing

July 9, 2015

Last update: 2015-07-09 15:48:48

Raw trade data

FAO receives data on trade flows from United Nations Statistical Division. The division runs Commodity Trade Statistics Database UN Comtrade "It stores standardised official annual trade statistics reported by countries and reflecting international merchandise flows detailed by commodity and partner country with coverage reaching up to 99 percent of world merchandise trade".

One can freely download this standardised statistics from the open data base. Statistical Division of FAO gets nonstandardised data.

Table 1: Random sample of import trade flows of 2011 year, reported by US

year	reporter	partner	hs	flow	weight	qty	qunit	value
2011	842	276	5211190040	1	6	24	2	291
2011	842	124	0102904028	1	167403	3755	5	736192
2011	842	440	7312103070	1	1760	1760	8	9328
2011	842	392	2936295030	1	2653	2653	8	1894513
2011	842	484	4009220050	1	63123	63123	8	860125
2011	842	124	5903901800	1	3696	8890	2	201194
2011	842	704	7317007500	1	402139	402139	8	425035
2011	842	504	6105100010	1	7954	1861	11	609324
2011	842	792	9403608040	1	NA	62	5	42841
2011	842	40	8483901010	1	79	79	8	13626

Validation of trade data

Detection of outliers

Imputing of missing quantities and replacement of outliers

Aggregation of trade data

Reliability index