



Food and Agriculture
Organization of the
United Nations

Trade Module: Pre-Processing Report

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About this document

This vignette is a detailed guide of the various data sets created for the **Pre-Processing Report** of the **Trade Module**. In order to have access to those data sets the user must be logged in **SWS - Q.A.**

1 SWS - Datatables

The pre-processing reports is available on SWS in **Datatables** under the domain **trade-reports** as shown in the figure below.

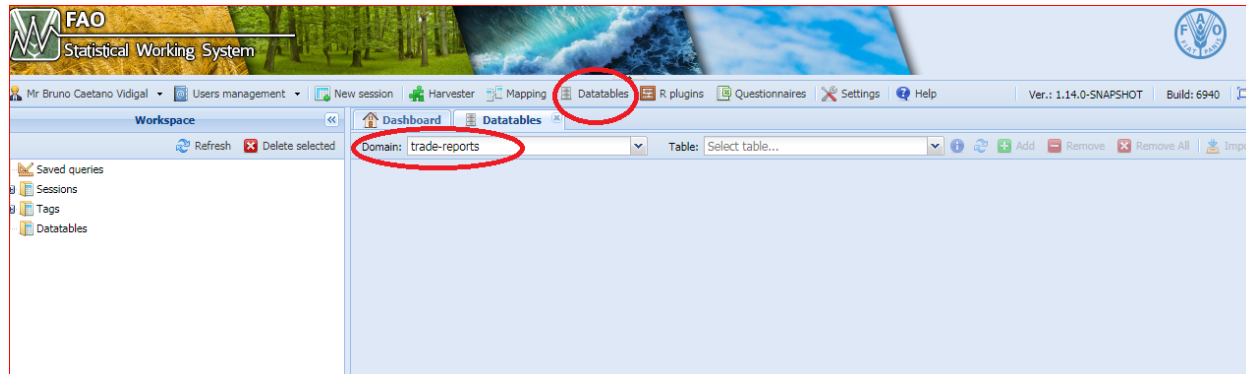


Figure 1: SWS

2 Tables

2.1 Table 1: Country list by year of which reporters are contained in the file

This table allows you to quickly identify data gaps and facilitate comparisons. It contains the following columns:

- **rep_code**: country code of the reporter
- **rep_name**: country name of the reporter
- **years**: years on which the data availability is assessed

If the table contains a **1** it means that there is information for the country in that particular year. If the country did not report for that year, the correspondig cell will be blank. It's name on SWS is **Reporters by years**.

Table 1: Country list by year of which reporters are contained in the file (continued below)

rep_code	rep_name	2000	2001	2002	2003	2004	2005	2006	2007	2008
001	France	1	1	1	1	1	1	1	1	1
003	Netherlands	1	1	1	1	1	1	1	1	1
004	Fr Germany	1	1	1	1	1	1	1	1	1
005	Italy	1	1	1	1	1	1	1	1	1
006	Utd. Kingdom	1	1	1	1	1	1	1	1	1
007	Ireland	1	1	1	1	1	1	1	1	1
90	Guinea						1	1	1	1
91	Guyana						1	1	1	1
95	Honduras			1	1	1	1	1	1	1
96	China,HKong	1	1	1	1	1	1	1	1	1
98	Croatia	1	1							
99	Iceland	1	1	1	1	1	1	1	1	1

2009	2010	2011	2012	2013	2014	2015
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1

2.2 Table 2: List of non-reporting countries

It contains the complementary list of countries not reporting for those years by flow.

The variables in the table are:

- **non_rep_area**: country code
- **non_rep_name**: country name
- **flow**: the flow, where 1 means imports and 2 exports
- **name**: country name
- **years**: years on which the data availability is assessed

Please note that in creating this table re-imports and re-exports are treated as imports and exports, respectively.

In the table the meaning of the cells is:

- **9**: the country did not report both imports and exports

- **1**: the country did not report imports
- **2**: the country did not report exports
- blank cell: the country reported all the flows

Only countries that for which at least in one year did not report at least one flow are reported. It's name on SWS is **Non-reporting countries**.

Table 3: List of non-reporting countries (continued below)

non_rep_area	non_rep_name	2000	2001	2002	2003	2004	2005	2006
2	Afghanistan	9	9	9	9	9	9	9
5	American Samoa	9	9	9	9	9	9	9
6	Andorra						1	
7	Angola	9	9	9	9	9	9	9
8	Antigua and Barbuda		9	9	9	9		2
10	Australia							
273	Montenegro, Republic of	9			9	9	9	
276	Sudan	9	9	9	9	9	9	9
277	South Sudan							
279	NA							
280	NA							
NA	NA				9	9		

2007	2008	2009	2010	2011	2012	2013	2014	2015
9								
9	9	9	9	9	9	9	9	9
								9
	9							
	9							
								9
9	9	9	9	9		9	9	
					9	9	9	9
				9	9	9	9	9
				9	9	9	9	9
						9	9	9

2.3 Table 3: Number of records by reporter

It contains the number of records by flow and year per country. It also has the percentage difference from the current year to the previous one and a variable (**hs_diff**) saying if the **hslenght** (the maximum length of the HS code used a specific year) has changed or not comparing to the previous year (in which case it is **TRUE**).

Note: the **records_diff** variable is reported as $variable_t/variable_{t-1} - 1$ (so, e.g., 0.01 means 1%).

It's name on SWS is **Number records by reporter/year**.

rep_code	rep_name	year	flow	hslength	records_count	records_diff	hs_diff
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Table 5: Number of records by reporter

rep_code	rep_name	year	flow	hslength	records_count	records_diff	hs_diff
001	France	2000	1	8	40726	NA	NA
001	France	2001	1	8	40415	-0.007636	FALSE
001	France	2002	1	8	41290	0.02165	FALSE
001	France	2003	1	8	41236	-0.001308	FALSE
001	France	2004	1	8	42043	0.01957	FALSE
001	France	2005	1	8	42649	0.01441	FALSE
99	Iceland	2010	2	8	3335	0.08314	FALSE
99	Iceland	2011	2	8	3160	-0.05247	FALSE
99	Iceland	2012	2	6	9584	2.033	TRUE
99	Iceland	2013	2	6	9548	-0.003756	FALSE
99	Iceland	2014	2	6	9754	0.02158	FALSE
99	Iceland	2015	2	6	9726	-0.002871	FALSE

2.4 Table 4: Import/export content check

For every reporter for the year in question, a check that the file contains both import data and export data (as well as re-exports and re-imports). If the cell contains a **1**, the country reported all the flows. If the country did not report for that year, the corresponding cell will be blank. It's name on SWS is **Import and export content check**.

Table 6: Import/export content check

year	rep_code	rep_name	exports	imports	re_exports	re_imports
2000	001	France	1	1		
2000	003	Netherlands	1	1		
2000	004	Fr Germany	1	1		
2000	005	Italy	1	1		
2000	006	Utd. Kingdom	1	1		
2000	007	Ireland	1	1		
2015	89	Guatemala	1	1		
2015	9	Argentina	1	1		
2015	90	Guinea	1	1		
2015	91	Guyana	1	1	1	
2015	96	China,HKong	1	1	1	
2015	99	Iceland	1	1		

2.5 Table 5: Check that quantities and values are included, by country/flow/year

For every reporter for the year in question, a check if that file contains both quantities and values. A **0** indicates that no information lacks, while **1** indicates that the information is missing. It's name on SWS is **Check qty and value included**.

Table 7: Quantities and values are included, by country/flow/year

year	rep_code	rep_name	flow	qty	value
2000	001	France	1	0	0
2000	001	France	2	0	0
2000	003	Netherlands	1	0	0
2000	003	Netherlands	2	0	0
2000	004	Fr Germany	1	0	0
2000	004	Fr Germany	2	0	0
2015	91	Guyana	3	0	0
2015	96	China,HKong	1	0	0
2015	96	China,HKong	2	0	0
2015	96	China,HKong	3	0	0
2015	99	Iceland	1	0	0
2015	99	Iceland	2	0	0

2.6 Table 6: Report of records with missing quantities, for each year

For every reporter for the year in question, a check if that file contains both quantities and values for **export**, **import**, **reexport**, **reimport**.

Note: missing quantity means that both the **quantity** variable and the **weight** variable are not reported. This choice is due to the fact that generally the **weight** variable can be obtained from the **quantity** variable by using standard conversion factors, so that if the **weight** variable is missing it does not mean that no information on its weight can be obtained.

The table contains the following variables:

- **rep_code**: country code
- **rep_name**: country name
- **year**: year
- **noqty_export**: number of exports with missing quantities
- **noqty_import**: number of imports with missing quantities
- **noqty_reexport**: number of re-exports with missing quantities
- **noqty_reimport**: number of re-imports with missing quantities
- **noqty_prop_export**: proportion of exports with missing quantities
- **noqty_prop_import**: proportion of imports with missing quantities
- **noqty_prop_reexport**: proportion of re-exports with missing quantities
- **noqty_prop_reimport**: proportion of re-imports with missing quantities

Note: the noqty_prop_* variables are reported as shares (so, e.g., 0.01 means 1%). It's name on SWS is **Missing data by report**.

Table 8: Report of records with missing quantities, for each year
(continued below)

rep_code	rep_name	year	noqty_export	noqty_import	noqty_reexport	noqty_reimport
001	France	2000	0	0	NA	NA

rep_code	rep_name	year	noqty_export	noqty_import	noqty_reexport	noqty_reimport
001	France	2001	0	0	NA	NA
001	France	2002	0	0	NA	NA
001	France	2003	0	0	NA	NA
001	France	2004	0	0	NA	NA
001	France	2005	0	0	NA	NA
99	Iceland	2010	36	116	NA	NA
99	Iceland	2011	7	35	NA	NA
99	Iceland	2012	94	726	NA	NA
99	Iceland	2013	52	655	NA	NA
99	Iceland	2014	73	698	NA	NA
99	Iceland	2015	68	802	NA	NA

noqty_prop_export	noqty_prop_import	noqty_prop_reexport	noqty_prop_reimport
0	0	NA	NA
0	0	NA	NA
0	0	NA	NA
0	0	NA	NA
0	0	NA	NA
0	0	NA	NA
0.01079	0.01063	NA	NA
0.002215	0.003243	NA	NA
0.009808	0.01713	NA	NA
0.005446	0.01513	NA	NA
0.007484	0.01534	NA	NA
0.006992	0.01707	NA	NA