



Food and Agriculture  
Organization of the  
United Nations

# Trade Module: Pre-Processing Report

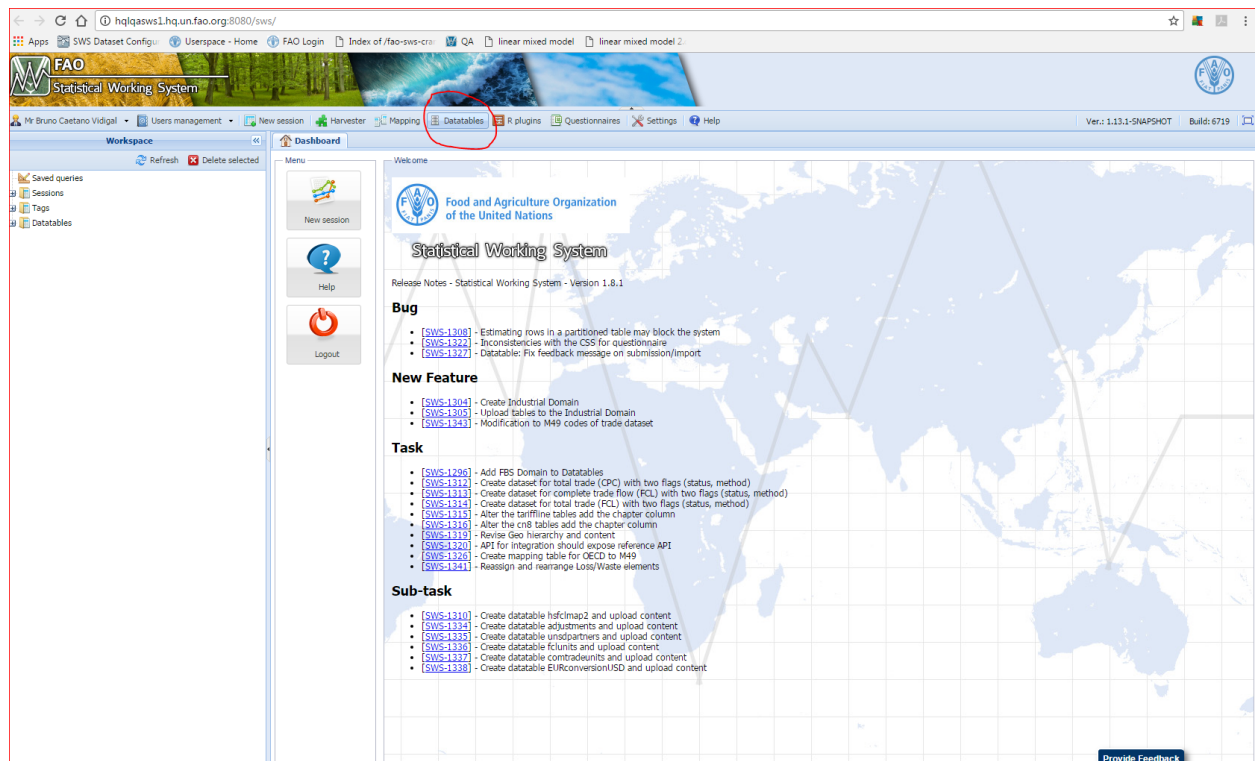
*Economics and Social Statistics Division (ESS)*

## 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 should be available on SWS once a specific new domain is created. Once it is available you could be able to access the reports by selecting the specific domain in the “Datatables” section of SWS, as shown in the next figure.



## 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:

- **reporter:** country code of the reporter
- **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.

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

reporter	name	2000	2001	2002	2003	2004	2005
001	France	1	1	1	1	1	1
003	Netherlands	1	1	1	1	1	1
004	Fr Germany	1	1	1	1	1	1
005	Italy	1	1	1	1	1	1
006	Utd. Kingdom	1	1	1	1	1	1
007	Ireland	1	1	1	1	1	1
876	Wallis and Futuna Isds	1	1	1	1		1
882	Samoa			1	1	1	1
887	Yemen		1	1	1	1	1
894	Zambia	1	1	1	1	1	1
90	Solomon Isds			1	1	1	1
96	Brunei Darussalam					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:

- **area:** country code
- **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.

Table 2: List of non-reporting countries

area	name	2000	2001	2002	2003	2004	2005
2	Afghanistan	9	9	9	9	9	9
5	American Samoa	9	9	9	9	9	9
6	Andorra						1
7	Angola	9	9	9	9	9	9
8	Antigua and Barbuda		9	9	9	9	
17	Bermuda	9	9	9	9	9	2
252	Unspecified					9	
258	Anguilla						9
272	Serbia, Republic of	9	9	9	9		
273	Montenegro, Republic of	9			9	9	9
276	Sudan	9	9	9	9	9	9
NA	NA		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%).

Table 3: Number of records by reporter

reporter	name	year	flow	hslenght	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
90	Solomon Isds	2005	2	4	89	0.03488	FALSE
90	Solomon Isds	2002	3	4	2	NA	NA
90	Solomon Isds	2003	3	4	2	0	FALSE
90	Solomon Isds	2004	3	4	2	0	FALSE
96	Brunei Darussalam	2004	1	8	7173	NA	NA
96	Brunei Darussalam	2004	2	8	451	NA	NA

## 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 zero, the country reported all the flows, if it contains a number other than zero it means that some flows miss quantity information (and the number indicates how many flows), if it contains NA it means that the country did not report that flow.

Table 4: Import/export content check

year	reporter	name	exports	imports	re_exports	re_imports
2000	001	France	0	0	NA	NA
2000	003	Netherlands	0	0	NA	NA
2000	004	Fr Germany	0	0	NA	NA
2000	005	Italy	0	0	NA	NA
2000	006	Utd. Kingdom	0	0	NA	NA
2000	007	Ireland	0	0	NA	NA
2005	862	Venezuela	1	271	NA	NA
2005	876	Wallis and Futuna Isds	NA	14	NA	NA
2005	882	Samoa	18	285	NA	NA
2005	887	Yemen	0	0	0	NA
2005	894	Zambia	0	4	NA	NA
2005	90	Solomon Isds	22	562	NA	NA

## 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.

Table 5: Quantities and values are included, by country/flow/year

year	reporter	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
2000	174	Comoros	1	0	0
2000	174	Comoros	2	0	0
2001	174	Comoros	1	0	0
2001	174	Comoros	2	0	0
2002	174	Comoros	1	0	0
2002	174	Comoros	2	0	0
2003	174	Comoros	1	0	0
2003	174	Comoros	2	0	0
2003	174	Comoros	3	0	0
2004	174	Comoros	1	1	0
2004	174	Comoros	2	1	0
2005	174	Comoros	1	1	0
2005	174	Comoros	2	1	0
2005	887	Yemen	2	0	0
2005	887	Yemen	3	0	0
2005	894	Zambia	1	0	0
2005	894	Zambia	2	0	0
2005	90	Solomon Isds	1	0	0
2005	90	Solomon Isds	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:

- **reporter:** country code
- **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%).

Table 6: Report of records with missing quantities, for each year  
(continued below)

reporter	name	year	noqty_export	noqty_import	noqty_reexport	noqty_reimport
001	France	2000	0	0	NA	NA
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
894	Zambia	2005	0	4	NA	NA
90	Solomon Isds	2002	10	330	2	NA
90	Solomon Isds	2003	21	415	1	NA
90	Solomon Isds	2004	25	509	2	NA
90	Solomon Isds	2005	22	562	NA	NA
96	Brunei Darussalam	2004	36	163	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	0.001265	NA	NA
0.1695	0.4167	1	NA
0.3043	0.4911	0.5	NA
0.2907	0.5258	1	NA
0.2472	0.5399	NA	NA
0.07982	0.02272	NA	NA