

1.1. Subscription

Guest Users can become Registered Users and gain full access to Comtrade by paying an annual fee. The Subscription menu in the main interface is reproduced below:

Subscription
Why Subscribing?
Subscription Prices
Order Form (in Word)

Figure 1: Subscription menu

These three entries are discussed below.

1.1.1. "Why Subscribing?"

As already mentioned, connecting as Guest (i.e., with no ID, password or recorded address) doesn't provide the User with full Joint System application services.

The following paragraph is reproduced from the "Why subscribing?" entry display:

As a guest user, you can get free data. However, there are some limitations. A guest
<ul style="list-style-type: none">• cannot download data• cannot create favorites or customized groups• cannot save a query• cannot execute elaborate data requests• cannot set an alert notification for batch processing

Figure 2: "Why Subscribing?"

This is why subscribing to an individual or site license and becoming a registered User may be interesting to most trade Statisticians.

1.1.2. Subscription Prices

The Subscription Prices link sets out the subscription options and fees in a form that is reproduced below. This form is copied from the online Help (*for information only*):

Subscription

Specifically, for access by subscription with download capabilities the following options are available:

Option Single User*	Commercial Rate	Not for Profit Rate
Option 1 up to 100,000 records	\$ 100	\$ 100
Option 2 up to 1,000,000 records	\$ 500	\$ 400
Option 3 up to 5,000,000 records	\$ 2,000	\$ 1,500
Site License (multiple users access)	\$ 5,000	\$ 3,750

1. All subscriptions have a time frame of one year counting from the day when the subscription is activated. The "Not for Profit rate" is for academic institutions, government, inter-government organizations and NGOs.

2. For residents of countries on the favorable country list favorable country list a 50% discount on all subscription options is available, for residents of countries on the most favorable country list the discount is 75%.

3. The multiple user access to UN Comtrade is IP controlled. On the basis of the IP addresses of the institute the users have automatic access to UN Comtrade. There is no limit on the number of records which can be downloaded.

4. Institutes, especially university libraries and government organizations, can receive a Site License for a trial period of one month (with limited download). Please send a request to comtrade@un.org.

To Subscribe online: click [UN Publications Online](#)
To Subscribe offline: click [HERE](#) (or download in Word format Click [HERE](#))

Option 1
A quick solution at a very reasonable price; it's a single user annual access. You are authorized to download up to 100,000 records. Access via username and password.

Option 2
Single annual user access. You are authorized to download up to 1,000,000 records. Access via username and password.

Option 3
Single annual user access. You are authorized to download up to 5,000,000 records. Access via username and password.

Option 4
Site license allows you to multiple users access. The access to UNComtrade is IP controlled. You can download an unlimited number of records.

User license

Site license

One-month free site license

On-line subscription

Download Word
subscription document

Figure 3: Subscription options and fees (partial view)

1.1.3. Order Form

Finally, a registration form is provided by clicking the Order Form entry. This form is reproduced below:

United Nations Comtrade Order Form		
Please send your order by mail or fax: +1-212-963-3489		
I would like to subscribe to:		
Option Single User*	Commercial Rate	Not for Profit Rate
Option 1 up to 100,000 records	\$ 100	\$ 100
Option 2 up to 1,000,000 records	\$ 500	\$ 400
Option 3 up to 5,000,000 records	\$ 2,000	\$ 1,500
Site License* (multiple users access) (for specific details on how to set up this option, contact UN Publications)	\$ 5,000	\$ 3,750

Option	Price in US\$
Total cost	\$

Prepayment is required for subscription orders.

Payment Information:

Check or Money Order Enclosed (Payable to "UN Publications" in US\$)
 Orders paid by check will be held for 10 days or until the check clears.
 Use of a Credit Card will expedite your order.

Charge my Credit Card: Visa MasterCard American Express JCB

Ac.# _____ Exp. ____/____/____

Signature: _____

Please give subscriber details:

Name: _____

Institution: _____

Figure 4: Order Form (partial view)

Notice that the Subscription Price form has Online and Word download [subscription links](#).

1. The Main Interface (Guest User)

A Comtrade Guest User isn't registered in the Joint System administration, nor is the IP address they use to connect to the Application server¹. Anyone with the proper equipment (see [above](#)) can get connected to the UNSD Comtrade application and become a Guest User.

Guests can use most of Comtrade capabilities, while Registered Users have unrestricted access to all of them. [Section 3.](#) of this document deals with Registered Users, either individual or belonging to a registered site.

1.1. Home Page

Connecting to the UNSD Joint System site, without any User ID or password, brings the *Guest Welcome / Main Interface* to life:

UN Comtrade Database (UN Comtrade)

Shortcut Query

Show **Export** of **Type commodity text here** in the year **recent years**
 from **Uganda** to **World**
 in **any** classification. **Search**

Trade in Graph

Cambodia (Import): Industrial supplies nes, processed [BEC code 22] from Luxembourg

in thousands US\$

Year	Trade Quantity	Trade Value
2001	~1500	~20
2002	~3500	~60
2003	~5500	~90
2004	~5500	~90

(details). [graph more...](#)

Data Availability
Industrial supplies nes, processed [BEC reported by 172 countries between 1998-2004 with 191625 records. [\(details\)](#)

Current User status
 Guest

Registered User Login

Welcome to UN Comtrade!
 You are login as **Comtrade Guest**.

Login as individual user:
 User Name
 Password
☒ Remember me
Login

Forget your password? Just type your e-mail below:
 Recover

Subscribe to Comtrade Database Access [more...](#)

List of links

- Quick Search
- Comtrade Access
- Log Off
- Data Query & Extraction
- Shortcut query
- Basic Selection
- Comtrade Explorer
- Express Selection
- Data Availability
- Interactive in Graph
- Reporters
- Commodities
- Years
- by Date of Loading [RSS](#)
- Metadata & Reference
- Commodity list
- Country list
- Explanatory Notes
- Glossary
- Subscription
- Why Subscribing?
- Subscription Prices
- Order Form (in Word)
- Support
- Service Message [RSS](#)
- Comtrade SDMX
- Comtrade RSS
- Comtrade Features
- Help Index
- Question & Answer
- Contact Us
- Links
- WorldBank WITS
- ECLAC Trade SDMX

¹ In fact, guest Users are registered in Comtrade as Users with IP address 0.0.0.0. and restricted rights.

Figure 1: Joint System main interface – connection as Guest – Shortcut Query and In Graph functions exemplified

The left part of the Main interface is a list of *function links* that allow Users to select the query processor, define reference data, subscribe to extended services, get technical support and link to related Websites. This document will describe and exemplify all of these function links.

Query links share in fact the interfaces of only [four selection/display processors](#); this is why parts of the text in this document often refer –via Word links– to *other sections* where interfaces have already been discussed or introduced.

Notes:

1. Free access as a Guest User to the database and search engines is restricted: for instance, up to 1,000 records SDMX-downloaded per day and no direct data downloading capability. This type of access is used in this section. Extended service, with full capabilities, is available for an annual fee. See the [Subscription](#) and [Registered User](#) sections for more details.
2. As already mentioned, most of the interface objects and some labels display a ‘tool tip’ text when pointed to by the mouse cursor –see for instance [fig. 5](#).
3. The “Example of query and corresponding results” area in [fig. 1](#) depends on the User’s settings – namely the ‘Customize Front Page’ parameters. It may be empty. Only a [Registered User](#) can access the setting options.

1.1.1. Shortcut Query

1.1.1.1. Outline and Examples

Selecting Shortcut Query displays the following filter interface –already populated in the example below:

Shortcut Query

Show **Export** of **cars** in the year **2004**

from **Japan** to **World**

in **any** classification. **Search**

Figure 1: Shortcut Query selection interface – here: cars exported from Japan in 2004

Clicking Search displays the following summarized results:

20 results of **cars** are found in HS2002.

Search Results	Selected Year
<input type="checkbox"/> New pneumatic tyres, of rubber, of a kind used on motor cars (incl. station ... (HS2002 - 401110)	2004
<input type="checkbox"/> Retreaded pneumatic tyres of rubber, of a kind used on motor cars (incl. st ... (HS2002 - 401211)	2004
<input type="checkbox"/> Inner tubes, of rubber, of a kind used on motor cars (incl. station wagons ... (HS2002 - 401310)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610110)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610120)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610130)	2004
<input type="checkbox"/> Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (HS2002 - 6102)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610210)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610290)	2004
<input type="checkbox"/> Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input type="checkbox"/> Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004
<input type="checkbox"/> Motorcycles (including mopeds) and cycles fitted with an auxiliary motor (HS2002 - 8711)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871110)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871120)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871150)	2004
<input type="checkbox"/> Side cars for motorcycles (HS2002 - 871190)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (HS2002 - 9501)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ... (HS2002 - 950100)	2004

View Trade Data

Commodity code in the classification

Figure 2: search results for the selected data

Note: the date contained in some commodity classification codes isn't related to the selected statistics year(s). It is the date the classification was defined or revised. UNSD and OECD mostly receive data according to the last HS version. Data is then converted into older HS and SITC versions as well as into BEC.

In the example above, HS2002 is used. HS stands for 'Harmonized System', 2002 means that this classification has been in use since 2002. Another classification is SITC rev. 3 (Standard International Trade Classification revision 3). All the classifications are based on commodity features (kind, production stage, primary material of not, durable or not, etc). The default classification in Comtrade is HS2002. See the Comtrade [Glossary](#) entry later in this document.

If a commodity isn't found in a classification, Shortcut Query searches other classifications for it.

In [fig. 13](#), we notice that commodity codes are in fact links; what we get when clicking them is illustrated below:

<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004

Figure 3: direct selection of an item by clicking its code (here, 871130)

The following form is displayed:

Commodity List
Total Commodities defined : 4

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>87</u>	Name: Vehicles other than railway or tramway rolling stock Description: Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	Data Availability Snapshot
<u>8711</u>	Name: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor Description: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; side-cars.	Data Availability Snapshot
<u>871130</u>	Name: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... Description: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/without side-cars, with recip. int. comb. piston engine of a cyl. cap. >250cc but not >500cc	Data Availability Snapshot

Figure 4: description of the selected commodity and its ancestors

This tree-structured report describes all the commodity classes from the root (ALL COMMODITIES) to the selected item. Again, the item codes can be selected to get more specific information.

The Snapshot link leads to the already met Comtrade Explorer –Snapshot. Refer to [fig. 5](#) for an example of such a snapshot, and to the [Comtrade Explorer](#) section for a thorough description of the processor.

(Continued on the next page)

Clicking a Data Availability link displays the commodity statistics availability by country and by year:

Search Results: General Data Availability		
Total Available Commodities : 1 for commodity codes: 871130(HS2002)		
Code	Name	Data Availability
871130	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... View Description View Snapshot	2002 - 2004 116 countries with 6159 records reported.
1		
Search Results: Detail Data Availability		
Total Reported Reporters : 117 for commodity codes: 871130(HS2002)		
Code	Reporter	Years
	-All Reporters-	2002 , 2003 , 2004 , ALL
8	Albania	2003 , 2004 , ALL
12	Algeria	2002 , 2004 , ALL
20	Andorra	2002 , 2003 , 2004 , ALL
660	Anguilla	2002 , 2003 , 2004 , ALL
32	Argentina	2002 , 2003 , 2004 , ALL
51	Armenia	2004 , ALL
36	Australia	2002 , 2003 , 2004 , ALL
40	Austria	2002 , 2003 , 2004 , ALL
31	Azerbaijan	2004 , ALL
48	Bahrain	2002 , 2003 , 2004 , ALL

Figure 5: data availability by year for the selected commodity

Clicking one year in the list leads back to another query processor and shows the trade values:

Basic Query Results: Help								
Statistics: 5 rows returned in 0.25 seconds. Your access has been restricted to Normal View. Please contact us, if you need further information.								
Quick filter <input type="text"/> v? Clear Apply								
Selected classification: HS2002 Selected commodities: 871130 (Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...) Selected reporters: Albania Selected years: 2003 Selected partners: All Selected trade flows: All								
Sort Order --None-- Refresh								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Import	Albania	World	871130	\$14,805	0	5	16
2003	Import	Albania	Italy	871130	\$5,657	0	5	6
2003	Import	Albania	Japan	871130	\$4,960	0	5	4
2003	Import	Albania	Greece	871130	\$3,631	0	5	5
2003	Import	Albania	Switzerland	871130	\$557	0	5	1

Figure 6: data availability - trade details for year 2003

The actions represented by the links above are discussed in this section. Notice the Query processor name: Basic Query. This specific processor is fully described in its own section in this document.

Back to [fig. 13](#), we see that the imprecise commodity definition results in a wide range of retrieved items. We can select some of these items by ticking their checkboxes:

<input checked="" type="checkbox"/>	Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input checked="" type="checkbox"/>	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004

Figure 7: two items selected from the commodity list

Then clicking 'View trade Data' displays detailed information about the selected items through the Basic Query processor:

Basic Query Results: [help](#)
Statistics: 2 rows returned in 0.17 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter ▼ ? Clear Apply

Selected classification: HS2002
Selected commodities: 8703 (Motor cars and other motor vehicles principally designed for the transport ...), 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...)
Selected reporters: [Japan](#)
Selected years: [2004](#)
Selected partners: [World](#)
Selected trade flows: [Export](#)

Sort Order Comm;Year;Rep ;Flow;Ptrn; Refresh

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Japan	World	8703	\$74,822,893,212	0	5	5,210,900
2004	Export	Japan	World	870310	\$130,340,025	0	5	23,149

Figure 8: detailed information on two commodities

The order retrieved entries are displayed can be changed through the Sort Order combo. This combo contains all the criterion combinations that can be used as ordered sort list:

Sort Order Comm;Rep ;Year;Flow;Ptrn; Refresh

Comm;Rep ;Year;Flow;Ptrn;
Comm;Rep ;Flow;Year;Ptrn;
Year;Flow;Rep ;Comm;TradeVal;
Year;Rep ;Flow;Comm;TradeVal;
Flow;Year;Rep ;Comm;TradeVal;
Flow;Rep ;Year;Comm;TradeVal;
Rep ;Year;Flow;Comm;TradeVal;
Rep ;Flow;Year;Comm;TradeVal;
Comm;Year;Flow;Rep ;TradeVal;
Comm;Year;Rep ;Flow;TradeVal;
Comm;Flow;Year;Rep ;TradeVal;

Figure 9: sort order selection

Click Refresh to make the new selection the current selection.

A list of links is present under the Sort Order combo (fig. 19); each of them represents an action. These actions are described in the following level 4 paragraphs.

There are no actions to directly download query results or record queries: this is because the connected User is a Guest. Downloading extracted data as a text file (what we call 'direct download') and saving the definition of a query are reserved to registered Users. What registered Users only can do is described in [section 3](#).

1.1.1.2. Modify Selection

Clicking this link loads the Express Selection interface with the current selection in its fields:

Express Selection [help](#)

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text
Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

8703,870310 [Save](#) [Lookup](#)

Enter Reporters Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

392 [Save](#) [Lookup](#)

Enter Partners Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

0 [Save](#) [Lookup](#)

Enter Years
Separated by comma. Special code: *All*. Minus sign is not applicable.

2004 [Save](#) [Lookup](#)

Select Trade Flow
Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☐ Import ☒ Export ☐ re-Export

[Submit Query](#) [Go to Comtrade Explorer](#)

Figure 10: getting the Express Selection interface from the Shortcut Query

The User can add selection criteria, modify the existing ones or change the display sort order. The [Express Selection](#) form is fully described in this document.

1.1.1.3. View Graph

Clicking View Graph in the list of actions brings up a pie chart that reflects the current selection:

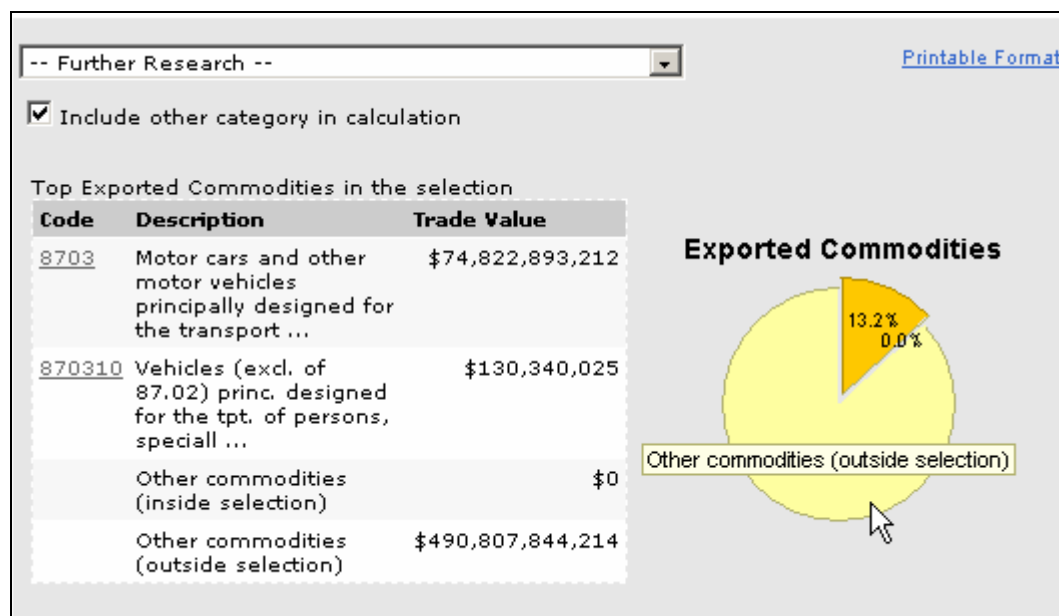


Figure 11: detailed information on two commodities – graphical form

This is the Comtrade Explorer Processor interface we already met in [fig. 5](#); also see Note 1 below this figure. The pie chart shows the two selected items trade values compared to all the other commodities.

Again, a “tooltip” text pops up when moving the mouse cursor over the pie chart.

Back to [fig. 5](#), we notice the already described Quick Filter and Further Research combos.

1.1.1.4. Printable Format

This action simply displays the trade information in [fig. 19](#) using the whole screen width, so as to get a full-page report. Also notice the included commodity labels:

Basic Query Results: [X]							
Period	Trade Flow	Reporter	Partner	Commodity	Trade Value	NetWeight (kg)	Unit
2004	Export	Japan	World	Motor cars and other motor vehicles principally designed for the transport ... [HS2002 code 8703]	\$74,822,893,212	0	Number of items
2004	Export	Japan	World	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... [HS2002 code 870310]	\$130,340,025	0	Number of items
Copyright © United Nations, 2005 UNSD Comtrade Database							

Figure 12: Printable Format display – may need enlargement

1.1.1.5. View Explanatory Notes

This link displays trade information on a country for a given year (e.g., local currency / USD conversion factor):

Explanatory Note in Detail

Step 1. Select Selection Filter

Reporter: Year:

Step 2. View Search Results

Reporter	Reported Classification	Reported Currency	Trade Flow	Currency Conversion Factor	Trade System	Valuation	Partner
Japan (2004)	HS2002	JPY	Export	0.009249	General	FOB	Last Known Destination

'Free On Board'

Figure 13: notes on Japan for 2004

'All' can be selected from Reporter (country) and Year combos; in this case, the resulting report looks like this:

Albania (2000)	HS1996	LEK	Export	0.006960	General	FOB	Last Known Destination
Albania (2001)	HS1996	LEK	Export	0.006966	General	FOB	Last Known Destination
Albania (2002)	HS1996	LEK	Export	0.007149	General	FOB	Last Known Destination
Albania (2003)	HS2002	LEK	Export	0.008219	General	FOB	Last Known Destination
Albania (2004)	HS2002	LEK	Export	0.009631	General	FOB	Last Known Destination

1 2 3 4 5 6 7 8 9 10 ...

Links to other pages

Figure 14: trade notes for all countries and all years (first page bottom part)

1.1.1.6. SDMX Download

The results of a query can be downloaded to the User's station in SDMX format, provided the User doesn't download more than 1,000 records the same day.

The SDMX format is introduced in the *Data Transfer Mechanism* Manual; it is based on the XML¹ format and adapted to statistical data description and transfer.

To illustrate this download operation, we can start from the following query results:

The screenshot shows a web interface titled 'Basic Query Results: [help](#)'. It displays statistics: '280 rows returned in 3.98 seconds.' and a message: 'Your access has been restricted to Normal View. Please contact us, if you need further information.' Below this is a 'Quick filter' section with a text input field, a dropdown arrow, a question mark icon, and 'Clear' and 'Apply' buttons. The selected criteria are listed: 'Selected classification: HS2002', 'Selected commodities: 871190 (Side cars for motorcycles)', 'Selected reporters: All', 'Selected years: All', 'Selected partners: World', and 'Selected trade flows: Import'. A 'Sort Order' dropdown is set to 'Year;Flow;Rep;Comm;TradeVal;' with a 'Refresh' button. At the bottom, there are links: 'Modify Selection', 'View Graph', 'Printable Format', 'View Explanatory Notes', 'SDMX Download', and 'View Not-Available-Data'.

Figure 15: Basic Query results

Clicking 'SDMX Download' brings up the following warning message box:

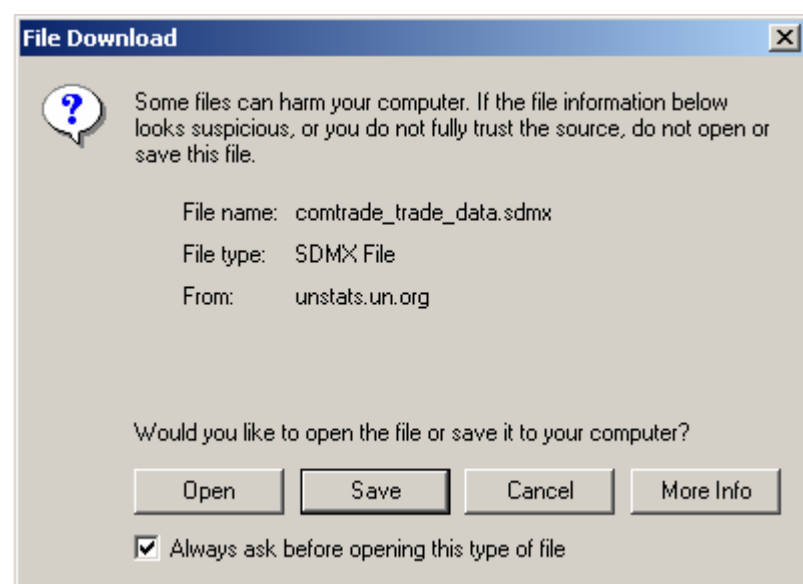


Figure 16: file download warning message

Notice the constant filename. Clicking Save displays the usual 'Save As' interface that allows the User to select the destination file (path and name)

¹ Extensible Markup Language: a standard for designing and creating HTML documents

Finally, the downloaded file is visible through Windows Explorer:

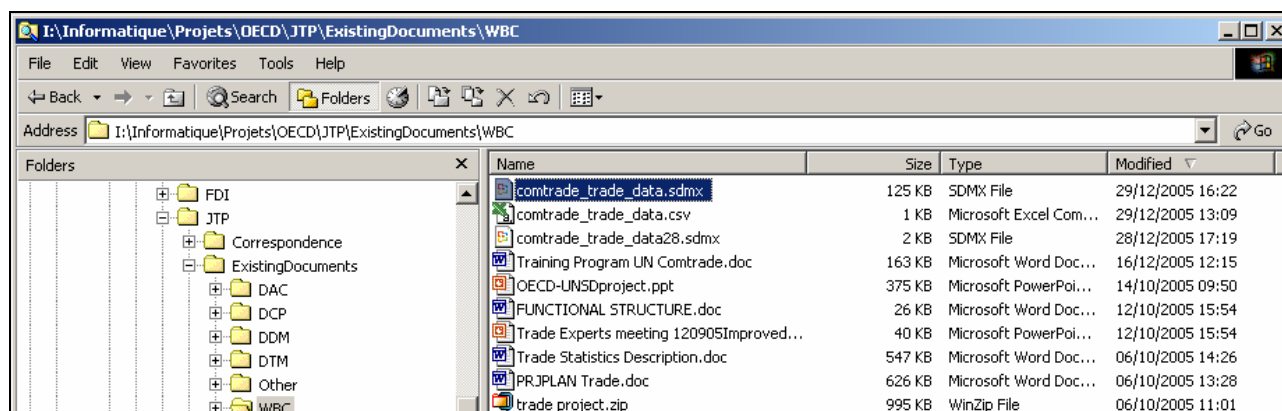


Figure 17: the downloaded SDMX file (highlighted) – the name was left unchanged

As stated before, this file has a XML-like structure; it can be read by Internet Explorer:

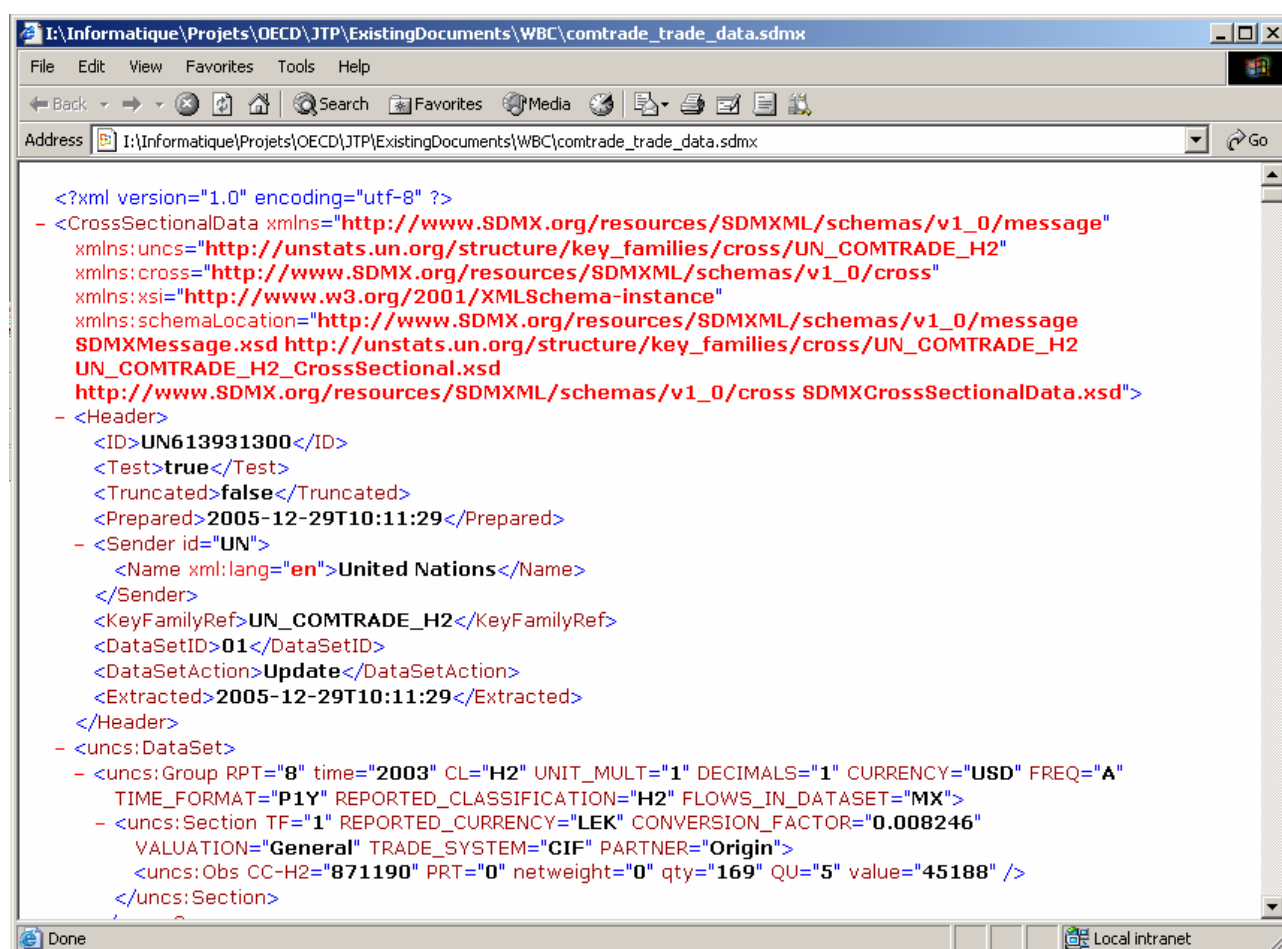


Figure 18: SDMX file contents (partial view)

1.1.1.7. View Not Available Data

This function points out the data items that are not available (i.e., that haven't been provided by the selected country, or that have been rejected by UNSD...), for the selected year, classification and commodity. Most of the time, the data will be available, and the following form will pop up:

Not-Available data

Selected classification: BEC
Selected commodities: 51 (Transport equipment, passenger motor cars)
Selected reporters: Indonesia
Selected years: 2004
Selected partners: World
Selected trade flows: Export

Not Available Data		
Based on your selection of classification, reporters and years only.		
Code	Country Name	Data is not available in the following years:
None. Data is available in selected year(s) for given classification.		

Figure 19: not available data: none for this example

Another selection can show unavailable data for a specific year:

Not-Available data

Selected classification: HS2002
Selected commodities: 841821, 841829, 841840, 842219, 8450, 845090, TOTAL
Selected reporters: Albania
Selected years: 2003, 2004, 2002, 2001, 2000
Selected partners: World
Selected trade flows: Export

Not Available Data		
Based on your selection of classification, reporters and years only.		
Code	Country Name	Data is not available in the following years:
8	Albania	2002

Figure 20: data from Albania unavailable in 2002 for the selected commodities

1.1. Data Query & Extraction

Several functions provide the User with commodity-related results once selection parameters (commodity, country, year...) are set. The data query functions are activated through the links below:

Data Query & Extraction
Shortcut query
Basic Selection
Comtrade Explorer
Express Selection

Figure 1: Data Query & Extraction links

1.1.1. Quick Search

Although not in the Data Query & Extraction group, the Quick Search processor makes it possible to retrieve data according to pre-defined reporter countries that can be selected from a list:



Figure 2: Quick Search entries for first letter F

A subset of the Quick Search list is displayed as soon as a letter is typed. Extra letters refine the selection, like in the example below:



Figure 3: two-letter selection from the Quick Search list

Once an entry is selected, clicking Go shows the associated information, like in the example below:

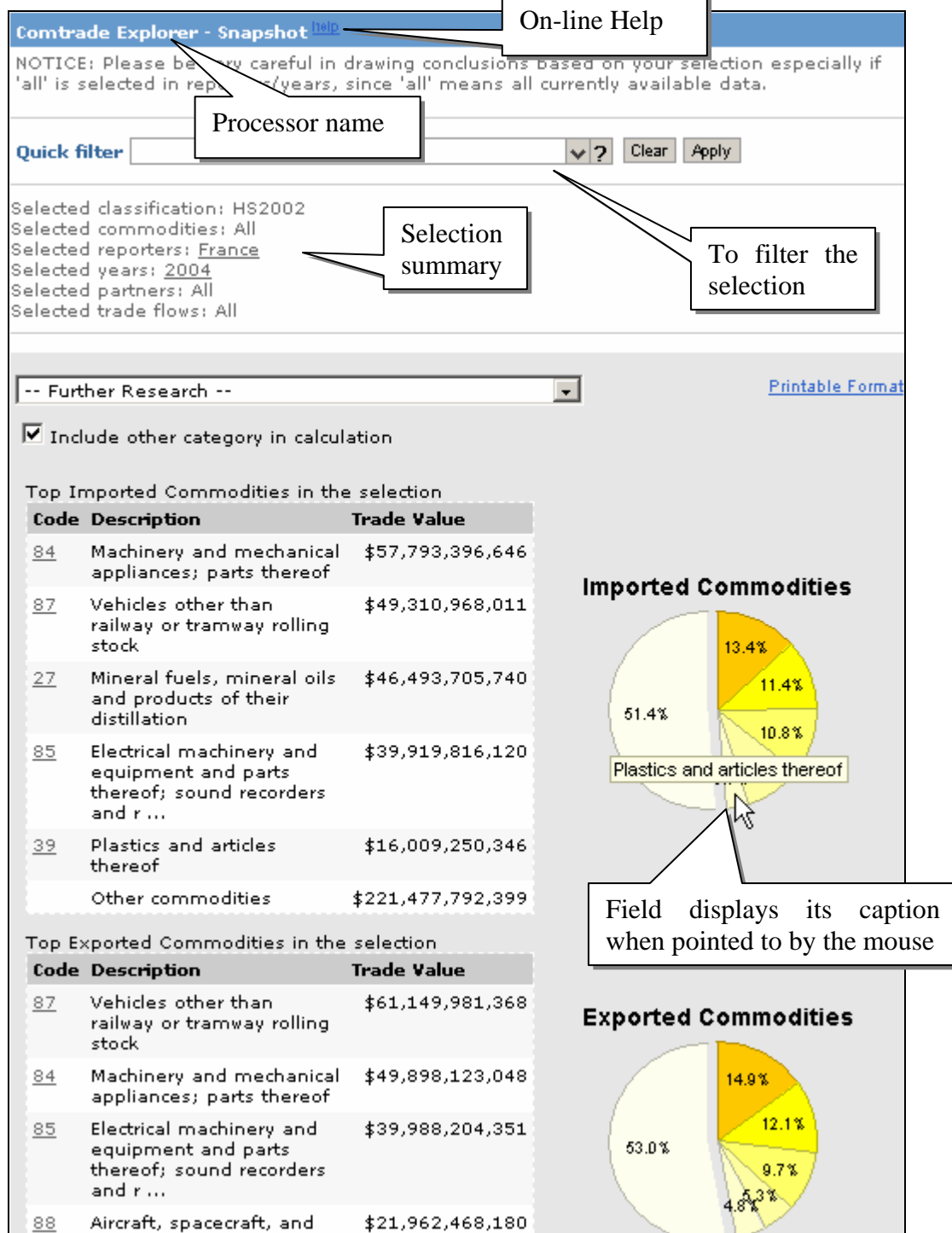


Figure 4: results of a Quick Search for France (upper part)

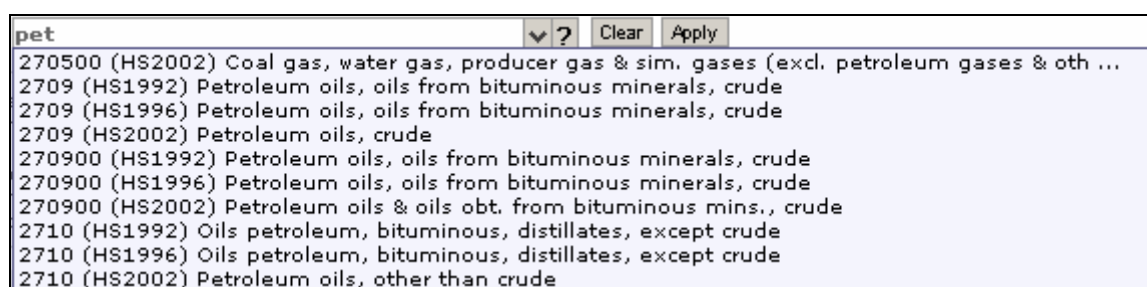
We won't reproduce the whole report here. Other pie charts show the six top import / top export partners, with the corresponding commodity descriptions and trade values. The query processor used, [Comtrade Explorer](#), is fully described in its own section.

Notes:

1. The Query Processor name, Comtrade Explorer, appears at the top left of the form. The functions described in section 2.2 are in fact links to a small number of *common query processors*:
 - Shortcut Query
 - Comtrade Explorer
 - Basic Query
 - Express Selection

These four processors can be directly accessed from the Data Query & Selection links and each of them has its own section in this document. Refer to the [Table of Contents](#).

2. An empty filter field means that *no filtering* takes place: the whole data set is selected. This is true all over this document.
3. The Classification field defines the international codes that represent commodity descriptions. This point is [discussed](#) later.
4. The Quick Filter combo makes it possible to filter the selection by selecting an extra criterion that relates to partner country, year or commodity:



pet

270500 (HS2002)	Coal gas, water gas, producer gas & sim. gases (excl. petroleum gases & oth ...
2709 (HS1992)	Petroleum oils, oils from bituminous minerals, crude
2709 (HS1996)	Petroleum oils, oils from bituminous minerals, crude
2709 (HS2002)	Petroleum oils, crude
270900 (HS1992)	Petroleum oils, oils from bituminous minerals, crude
270900 (HS1996)	Petroleum oils, oils from bituminous minerals, crude
270900 (HS2002)	Petroleum oils & oils obt. from bituminous mins., crude
2710 (HS1992)	Oils petroleum, bituminous, distillates, except crude
2710 (HS1996)	Oils petroleum, bituminous, distillates, except crude
2710 (HS2002)	Petroleum oils, other than crude

Figure 5: Extra selection by commodity (first three letters are 'pet')

(Continued on the next page)

Selecting the first entry in the list above and clicking Apply produces the following report:

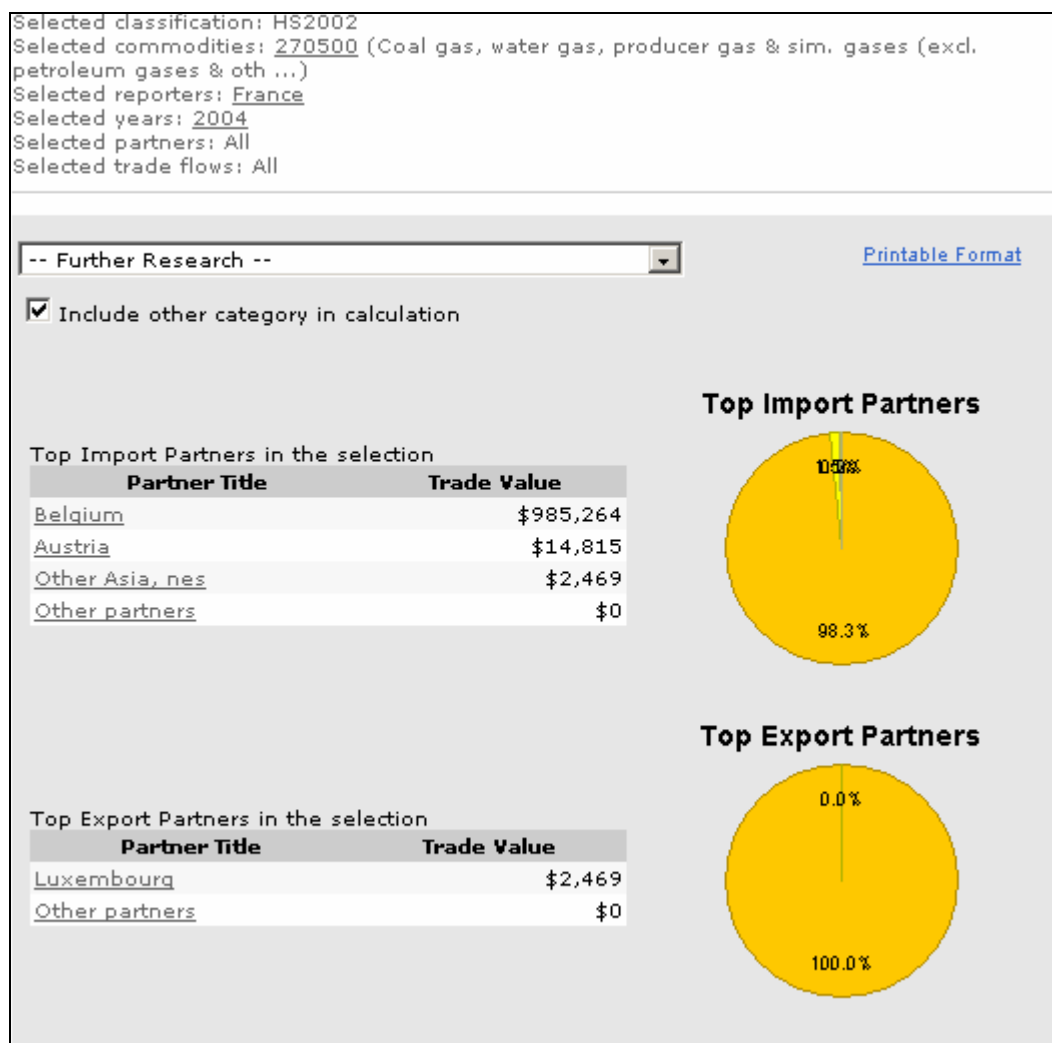


Figure 6: results of selection by country (France) and commodity (gases except from petroleum)

Finally, the Further Research combo allows Users to change the selection criteria without returning to the original interface. For instance, we can select other reporting countries:

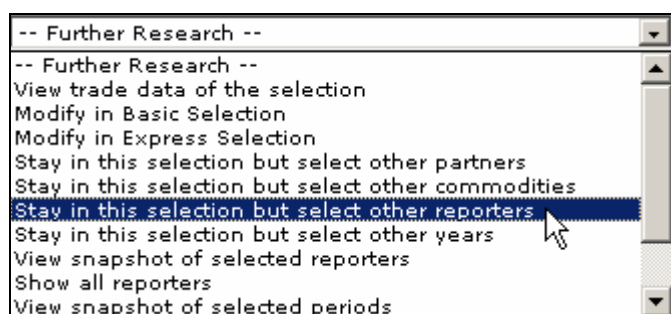


Figure 7: changing selection criteria in the Comtrade Explorer report

Asking for other reporting countries brings up the following interface (used, with some variations, by the Lookup link):

The screenshot shows the 'Select Reporters' interface. It has two main sections: 'Step 1. Select Source' and 'Step 2. Select Items'. In Step 1, 'Reporters List' is selected in a dropdown. In Step 2, a list of countries (Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan) is shown on the left, and a 'Selected Items' list on the right contains 'France'. Below the country lists are buttons for 'Add', 'Remove', 'Remove All', and 'Continue >>'. Two callout boxes are present: one pointing to the 'Selected Items' list with the text 'List of currently selected countries', and another pointing to the 'Add', 'Remove', and 'Remove All' buttons with the text 'List management buttons'.

Figure 8: country selection interface

We can add Japan to the country selection by selecting the Japan entry and clicking Add; we finally get:

This screenshot shows the same 'Select Reporters' interface as Figure 8, but after the 'Add' button has been clicked. The 'Selected Items' list on the right now contains both 'France' and 'Japan'. The 'Add' button is highlighted, indicating it was the last action performed. All other elements, including the country lists and management buttons, remain the same.

Figure 9: adding a country to the current selection

(Continued on the next page)

Clicking Continue brings up the new report:

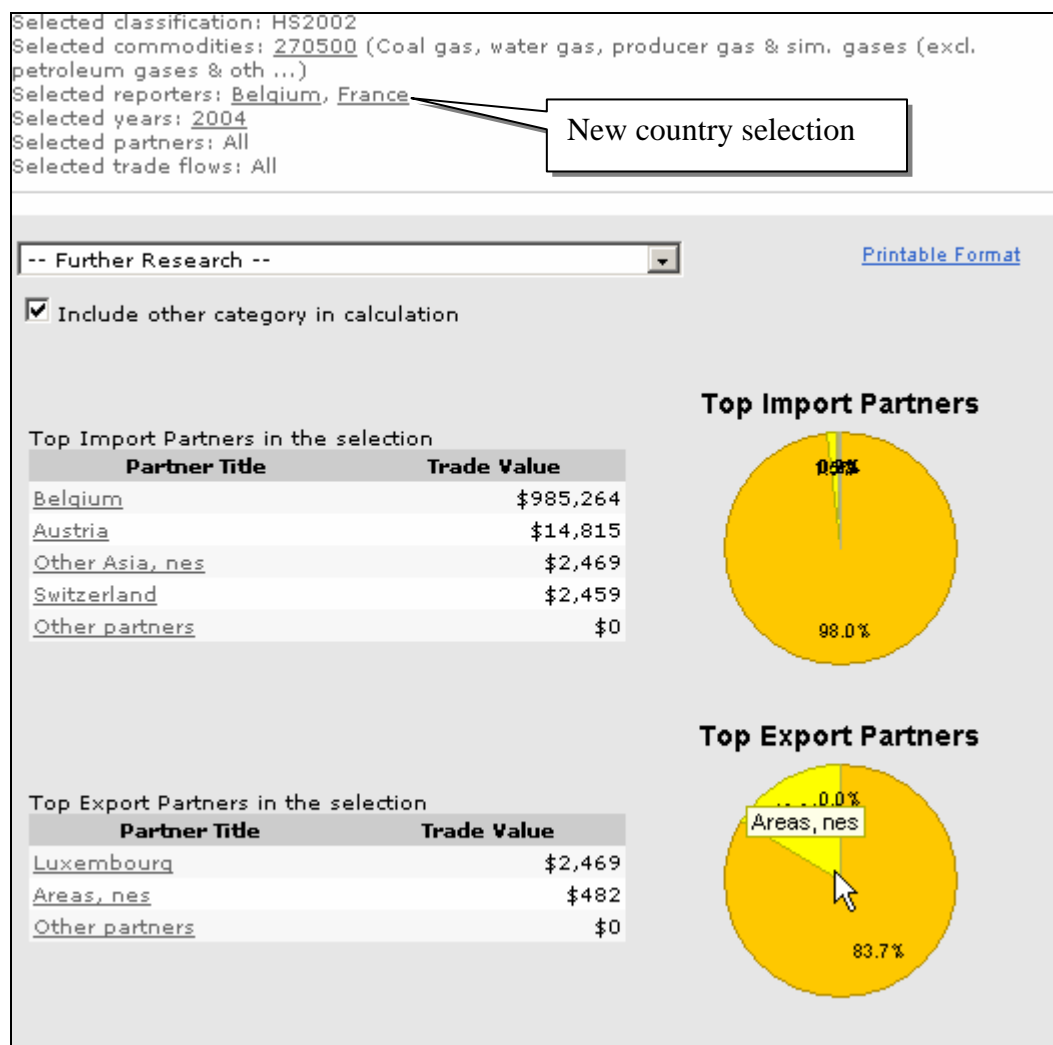


Figure 10: new selection (two countries) report

1.1.2. Shortcut Query

1.1.2.1. Outline and Examples

Selecting Shortcut Query displays the following filter interface –already populated in the example below:

Figure 11: Shortcut Query selection interface – here: cars exported from Japan in 2004

Clicking Search displays the following summarized results:

20 results of **cars** are found in HS2002.

Search Results	Selected Year
<input type="checkbox"/> New pneumatic tyres, of rubber, of a kind used on motor cars (incl. station ... (HS2002 - 401110)	2004
<input type="checkbox"/> Retreaded pneumatic tyres of rubber, of a kind used on motor cars (incl. st ... (HS2002 - 401211)	2004
<input type="checkbox"/> Inner tubes, of rubber, of a kind used on motor cars (incl. station wagons ... (HS2002 - 401310)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610110)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610120)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610130)	2004
<input type="checkbox"/> Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (HS2002 - 6102)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610210)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610290)	2004
<input type="checkbox"/> Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input type="checkbox"/> Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004
<input type="checkbox"/> Motorcycles (including mopeds) and cycles fitted with an auxiliary motor (HS2002 - 8711)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871110)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871120)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871150)	2004
<input type="checkbox"/> Side cars for motorcycles (HS2002 - 871190)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (HS2002 - 9501)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ... (HS2002 - 950100)	2004

View Trade Data

Commodity code in the classification

Figure 12: search results for the selected data

Note: the date contained in some commodity classification codes isn't related to the selected statistics year(s). It is the date the classification was defined or revised. UNSD and OECD mostly receive data according to the last HS version. Data is then converted into older HS and SITC versions as well as into BEC.

In the example above, HS2002 is used. HS stands for 'Harmonized System', 2002 means that this classification has been in use since 2002. Another classification is SITC rev. 3 (Standard International Trade Classification revision 3). All the classifications are based on commodity features (kind, production stage, primary material of not, durable or not, etc). The default classification in Comtrade is HS2002. See the Comtrade [Glossary](#) entry later in this document.

If a commodity isn't found in a classification, Shortcut Query searches other classifications for it.

In [fig. 13](#), we notice that commodity codes are in fact links; what we get when clicking them is illustrated below:

<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004

Figure 13: direct selection of an item by clicking its code (here, 871130)

The following form is displayed:

Commodity List

Total Commodities defined : 4

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☐ HS1996
 ☒ HS2002
 ☐ BEC

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>87</u>	Name: Vehicles other than railway or tramway rolling stock Description: Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	Data Availability Snapshot
<u>8711</u>	Name: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor Description: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; side-cars.	Data Availability Snapshot
<u>871130</u>	Name: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... Description: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/without side-cars, with recip. int. comb. piston engine of a cyl. cap. >250cc but not >500cc	Data Availability Snapshot

List of classification codes

Extra links

Figure 14: description of the selected commodity and its ancestors

This tree-structured report describes all the commodity classes from the root (ALL COMMODITIES) to the selected item. Again, the item codes can be selected to get more specific information.

The Snapshot link leads to the already met Comtrade Explorer –Snapshot. Refer to [fig. 5](#) for an example of such a snapshot, and to the [Comtrade Explorer](#) section for a thorough description of the processor.

(Continued on the next page)

Clicking a Data Availability link displays the commodity statistics availability by country and by year:

Search Results: General Data Availability		
Total Available Commodities : 1 for commodity codes: 871130(HS2002)		
Code	Name	Data Availability
871130	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... View Description View Snapshot	2002 - 2004 116 countries with 6159 records reported.
1		
Search Results: Detail Data Availability		
Total Reported Reporters : 117 for commodity codes: 871130(HS2002)		
Code	Reporter	Years
	-All Reporters-	2002 , 2003 , 2004 , ALL
8	Albania	2003 , 2004 , ALL
12	Algeria	2002 , 2004 , ALL
20	Andorra	2002 , 2003 , 2004 , ALL
660	Anguilla	2002 , 2003 , 2004 , ALL
32	Argentina	2002 , 2003 , 2004 , ALL
51	Armenia	2004 , ALL
36	Australia	2002 , 2003 , 2004 , ALL
40	Austria	2002 , 2003 , 2004 , ALL
31	Azerbaijan	2004 , ALL
48	Bahrain	2002 , 2003 , 2004 , ALL

Figure 15: data availability by year for the selected commodity

Clicking one year in the list leads back to another query processor and shows the trade values:

Basic Query Results: Help								
Statistics: 5 rows returned in 0.25 seconds. Your access has been restricted to Normal View. Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: HS2002 Selected commodities: 871130 (Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...) Selected reporters: Albania Selected years: 2003 Selected partners: All Selected trade flows: All								
Sort Order <input type="text" value="--None--"/> <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Import	Albania	World	871130	\$14,805	0	5	16
2003	Import	Albania	Italy	871130	\$5,657	0	5	6
2003	Import	Albania	Japan	871130	\$4,960	0	5	4
2003	Import	Albania	Greece	871130	\$3,631	0	5	5
2003	Import	Albania	Switzerland	871130	\$557	0	5	1

Figure 16: data availability - trade details for year 2003

The actions represented by the links above are discussed in this section. Notice the Query processor name: Basic Query. This specific processor is fully described in its own section in this document.

Back to [fig. 13](#), we see that the imprecise commodity definition results in a wide range of retrieved items. We can select some of these items by ticking their checkboxes:

<input checked="" type="checkbox"/>	Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input checked="" type="checkbox"/>	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004

Figure 17: two items selected from the commodity list

Then clicking 'View trade Data' displays detailed information about the selected items through the Basic Query processor:

Basic Query Results: [help](#)
Statistics: 2 rows returned in 0.17 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter ▼ ? Clear Apply

Selected classification: HS2002
Selected commodities: 8703 (Motor cars and other motor vehicles principally designed for the transport ...), 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...)
Selected reporters: [Japan](#)
Selected years: [2004](#)
Selected partners: [World](#)
Selected trade flows: [Export](#)

Sort Order Comm;Year;Rep ;Flow;Ptrn; Refresh

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Japan	World	8703	\$74,822,893,212	0	5	5,210,900
2004	Export	Japan	World	870310	\$130,340,025	0	5	23,149

Figure 18: detailed information on two commodities

The order retrieved entries are displayed can be changed through the Sort Order combo. This combo contains all the criterion combinations that can be used as ordered sort list:

Sort Order Comm;Rep ;Year;Flow;Ptrn; Refresh

Comm;Rep ;Year;Flow;Ptrn;
Comm;Rep ;Flow;Year;Ptrn;
Year;Flow;Rep ;Comm;TradeVal;
Year;Rep ;Flow;Comm;TradeVal;
Flow;Year;Rep ;Comm;TradeVal;
Flow;Rep ;Year;Comm;TradeVal;
Rep ;Year;Flow;Comm;TradeVal;
Rep ;Flow;Year;Comm;TradeVal;
Comm;Year;Flow;Rep ;TradeVal;
Comm;Year;Rep ;Flow;TradeVal;
Comm;Flow;Year;Rep ;TradeVal;

Figure 19: sort order selection

Click Refresh to make the new selection the current selection.

A list of links is present under the Sort Order combo (fig. 19); each of them represents an action. These actions are described in the following level 4 paragraphs.

There are no actions to directly download query results or record queries: this is because the connected User is a Guest. Downloading extracted data as a text file (what we call 'direct download') and saving the definition of a query are reserved to registered Users. What registered Users only can do is described in [section 3](#).

1.1.2.2. Modify Selection

Clicking this link loads the Express Selection interface with the current selection in its fields:

Express Selection [Help](#)

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text
Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

8703,870310 [Save](#) [Lookup](#)

Enter Reporters Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

392 [Save](#) [Lookup](#)

Enter Partners Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

0 [Save](#) [Lookup](#)

Enter Years
Separated by comma. Special code: *All*. Minus sign is not applicable.

2004 [Save](#) [Lookup](#)

Select Trade Flow
Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☐ Import ☒ Export ☐ re-Export

[Submit Query](#) [Go to Comtrade Explorer](#)

Figure 20: getting the Express Selection interface from the Shortcut Query

The User can add selection criteria, modify the existing ones or change the display sort order. The [Express Selection](#) form is fully described in this document.

1.1.2.3. View Graph

Clicking View Graph in the list of actions brings up a pie chart that reflects the current selection:

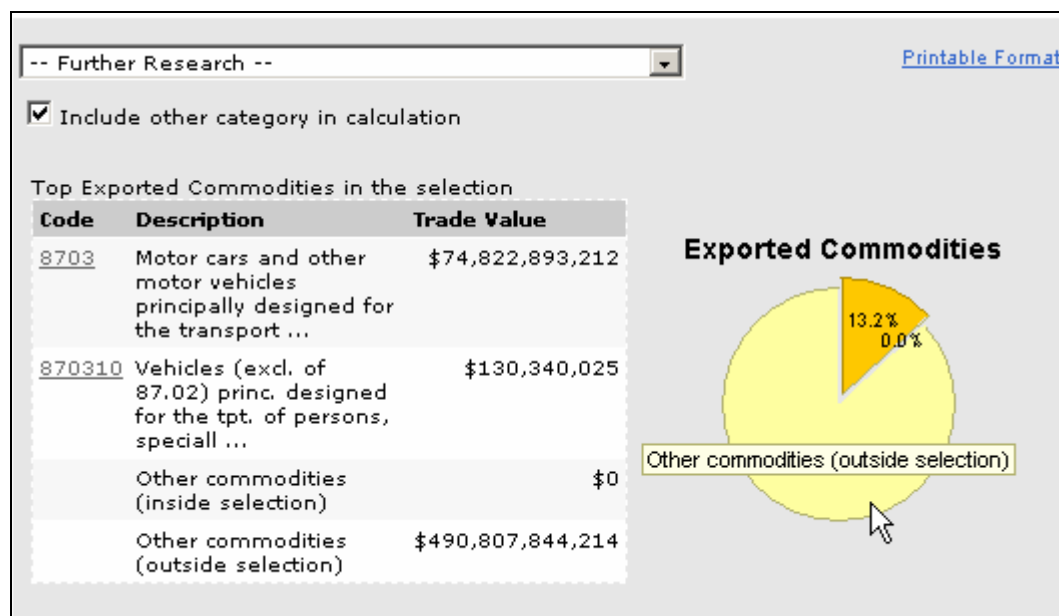


Figure 21: detailed information on two commodities – graphical form

This is the Comtrade Explorer Processor interface we already met in [fig. 5](#); also see Note 1 below this figure. The pie chart shows the two selected items trade values compared to all the other commodities.

Again, a “tooltip” text pops up when moving the mouse cursor over the pie chart.

Back to [fig. 5](#), we notice the already described Quick Filter and Further Research combos.

1.1.2.4. Printable Format

This action simply displays the trade information in [fig. 19](#) using the whole screen width, so as to get a full-page report. Also notice the included commodity labels:

Basic Query Results: [X]							
Period	Trade Flow	Reporter	Partner	Commodity	Trade Value	NetWeight (kg)	Unit
2004	Export	Japan	World	Motor cars and other motor vehicles principally designed for the transport ... [HS2002 code 8703]	\$74,822,893,212	0	Number of items
2004	Export	Japan	World	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... [HS2002 code 870310]	\$130,340,025	0	Number of items
Copyright © United Nations, 2005 UNSD Comtrade Database							

Figure 22: Printable Format display – may need enlargement

1.1.2.5. View Explanatory Notes

This link displays trade information on a country for a given year (e.g., local currency / USD conversion factor):

Explanatory Note in Detail

Step 1. Select Selection Filter

Reporter: Year:

Step 2. View Search Results

Reporter	Reported Classification	Reported Currency	Trade Flow	Currency Conversion Factor	Trade System	Valuation	Partner
Japan (2004)	HS2002	JPY	Export	0.009249	General	FOB	Last Known Destination

Free On Board

Figure 23: notes on Japan for 2004

'All' can be selected from Reporter (country) and Year combos; in this case, the resulting report looks like this:

Albania (2000)	HS1996	LEK	Export	0.006960	General	FOB	Last Known Destination
Albania (2001)	HS1996	LEK	Export	0.006966	General	FOB	Last Known Destination
Albania (2002)	HS1996	LEK	Export	0.007149	General	FOB	Last Known Destination
Albania (2003)	HS2002	LEK	Export	0.008219	General	FOB	Last Known Destination
Albania (2004)	HS2002	LEK	Export	0.009631	General	FOB	Last Known Destination

1 2 3 4 5 6 7 8 9 10 ...

Links to other pages

Figure 24: trade notes for all countries and all years (first page bottom part)

1.1.2.6. SDMX Download

The results of a query can be downloaded to the User's station in SDMX format, provided the User doesn't download more than 1,000 records the same day.

The SDMX format is introduced in the *Data Transfer Mechanism* Manual; it is based on the XML¹ format and adapted to statistical data description and transfer.

To illustrate this download operation, we can start from the following query results:

Basic Query Results: [help](#)

Statistics: **280** rows returned in **3.98** seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: 871190 (Side cars for motorcycles)
Selected reporters: All
Selected years: All
Selected partners: World
Selected trade flows: Import

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Figure 25: Basic Query results

Clicking 'SDMX Download' brings up the following warning message box:

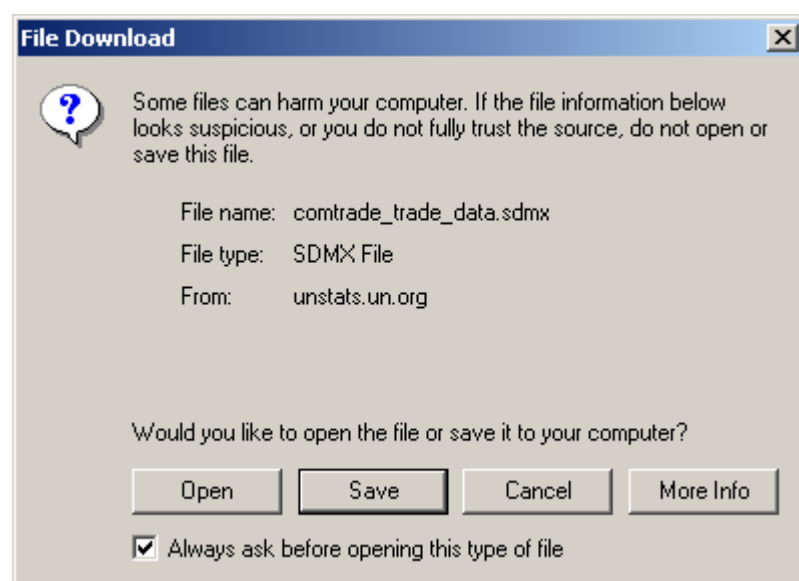


Figure 26: file download warning message

Notice the constant filename. Clicking Save displays the usual 'Save As' interface that allows the User to select the destination file (path and name)

¹ Extensible Markup Language: a standard for designing and creating HTML documents

Finally, the downloaded file is visible through Windows Explorer:

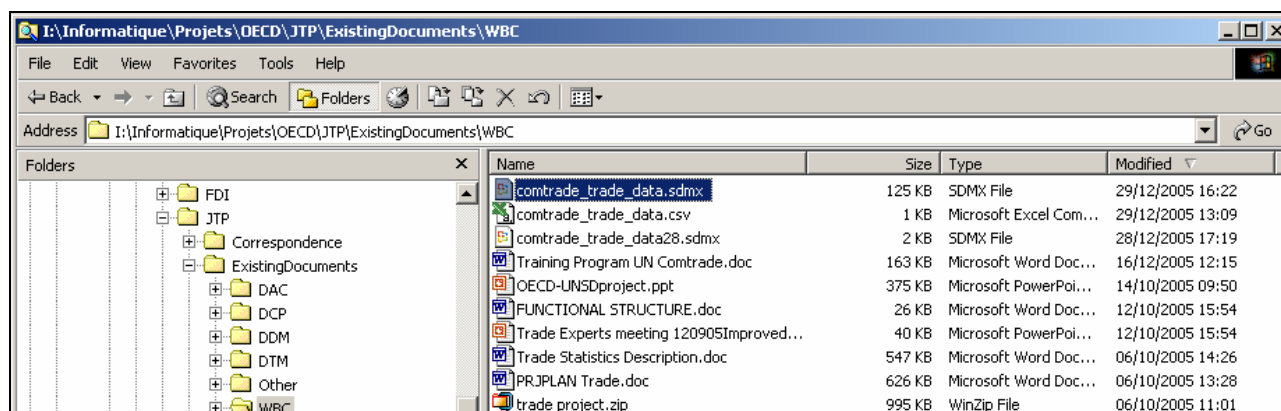


Figure 27: the downloaded SDMX file (highlighted) – the name was left unchanged

As stated before, this file has a XML-like structure; it can be read by Internet Explorer:

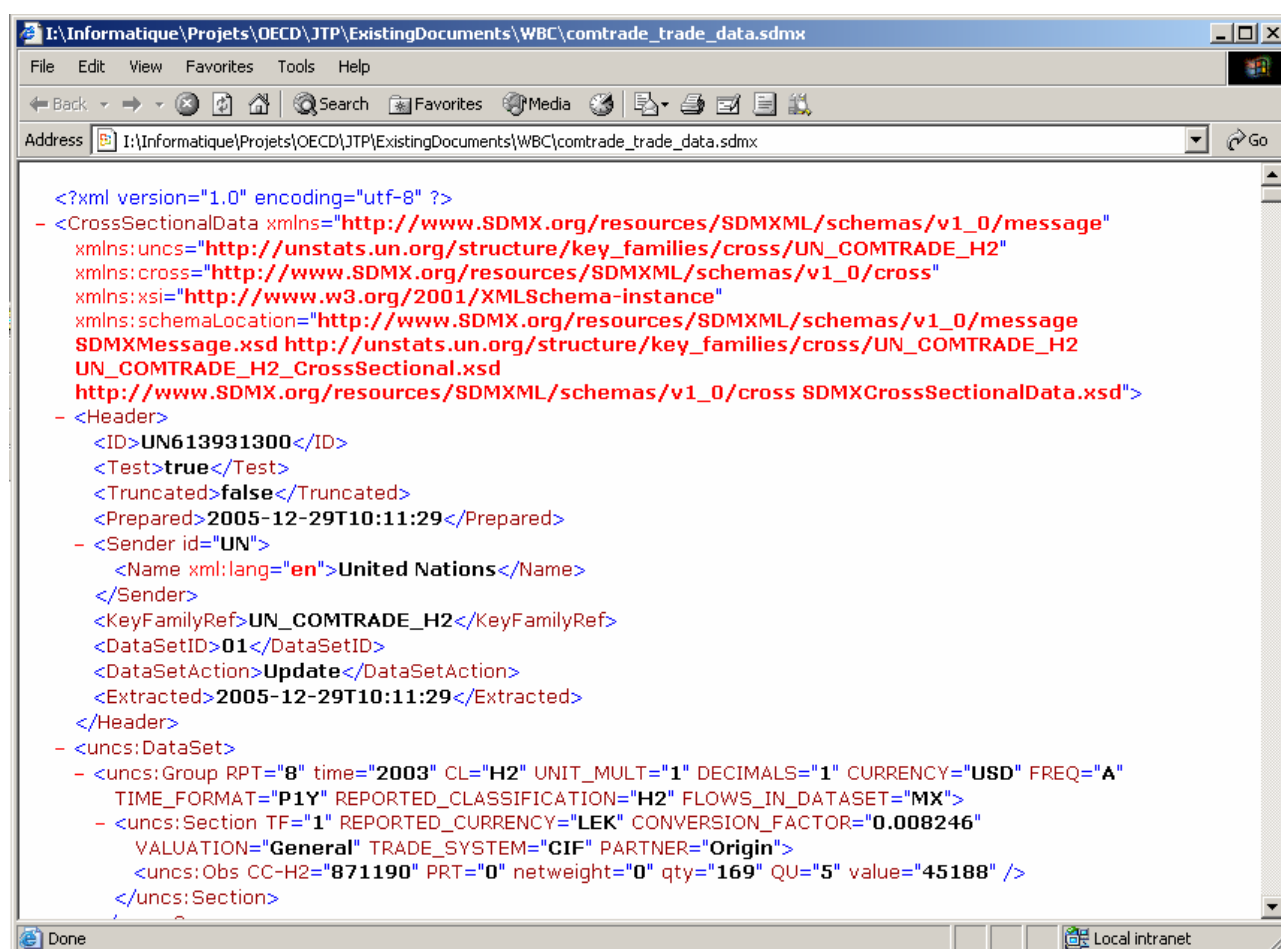


Figure 28: SDMX file contents (partial view)

1.1.2.7. View Not Available Data

This function points out the data items that are not available (i.e., that haven't been provided by the selected country, or that have been rejected by UNSD...), for the selected year, classification and commodity. Most of the time, the data will be available, and the following form will pop up:

Not-Available data

Selected classification: BEC
Selected commodities: 51 (Transport equipment, passenger motor cars)
Selected reporters: Indonesia
Selected years: 2004
Selected partners: World
Selected trade flows: Export

Not Available Data		
Based on your selection of classification, reporters and years only.		
Code	Country Name	Data is not available in the following years:
None. Data is available in selected year(s) for given classification.		

Figure 29: not available data: none for this example

Another selection can show unavailable data for a specific year:

Not-Available data

Selected classification: HS2002
Selected commodities: 841821, 841829, 841840, 842219, 8450, 845090, TOTAL
Selected reporters: Albania
Selected years: 2003, 2004, 2002, 2001, 2000
Selected partners: World
Selected trade flows: Export

Not Available Data		
Based on your selection of classification, reporters and years only.		
Code	Country Name	Data is not available in the following years:
8	Albania	2002

Figure 30: data from Albania unavailable in 2002 for the selected commodities

1.1.3. Basic Selection

1.1.3.1. Outline

We already met this processor when navigating along the Shortcut Query links. Back to the [Data Query & Extraction](#) links, we can directly select the Basic Selection entry:

The screenshot shows the 'Basic Selection' interface with the 'Commodities' tab selected. The interface is divided into two main steps:

- Step 1. Select Classification:** Includes radio buttons for SITC Rev.1, SITC Rev.2, SITC Rev.3, HS1992, HS1996, HS2002, and BEC.
- Step 2. Enter Selection Items:** Contains sub-sections for 'Enter Commodity Codes' and 'Selected Items'.
 - Enter Commodity Codes:**
 - Step 1. Select Source:** A dropdown menu currently showing 'Commodities Search'.
 - Step 2. Select Items:** A search bar with a dropdown set to 'BEC' and a 'Search' button. There is also an unchecked checkbox for 'All commodities'.
 - Selected Items:** An empty list box with a callout stating 'List of filter values (empty for the moment)'.
 - Filter list management:** A group of buttons at the bottom: 'Add', 'Remove', 'Remove All', and 'Exclude'. A callout points to these buttons with the text 'Filter list management'.

At the bottom of the interface are two buttons: 'Submit Query' and 'Go to Comtrade Explorer'.

Figure 31: Basic Selection interface (Commodities tab)

The Basic Selection feature allows the User to select the commodities, classification, reporting Nations, partner countries and year values. It also makes it possible to filter and sort the data as well as select the type of trade flow required (tab Others).

Each tab relates to a selection parameter and has its list of selecting (or filter) values. A group of buttons (tagged as 'Filter list management') makes it possible to add, remove and exclude filter values.

The [classification](#) has already been discussed. The examples below show the selection of other parameters tab by tab. Once all the parameters are selected, clicking Submit Query displays the records retrieved –if there are less than 1,000 of them; otherwise, only the number of records appears.

1.1.3.2. Commodities

The Commodities tab interface is reproduced below:

Figure 32: selection of commodity “cars”

The Source combo makes it possible to select the data source from which records will be selected:

Figure 33: selecting the data selection source

These data selection sources are discussed in this paragraph, tagged with a ‘□’ sign.

(Continued on the next page)

☐ Commodities Search

This is the default value. It means that any available commodity can be selected. "cars" is entered in the example above.

Clicking Search displays a tree view that allows the User to precisely select the commodities to retrieve (the whole contents of the tree are in fact any car-related items):

Step 2. Enter Selection Items

Commodities | Reporters | Partners | Years | Others

Enter Commodity Codes

Step 1. Select Source
Commodities Search

Step 2. Select Items
Search / Select then Add

cars in HS2002

☐ All commodities

Here are the results: ☐ Include the children

☐ TOTAL - ALL COMMODITIES

- ☐ 40 - Rubber and articles thereof
- ☐ 61 - Articles of apparel and clothing accessories, knitted or crocheted
- ☐ 62 - Articles of apparel and clothing accessories, not knitted or crocheted
- ☐ 84 - Machinery and mechanical appliances; parts thereof
- ☐ 87 - Vehicles other than railway or tramway rolling stock
- ☐ 95 - Toys, games and sports requisites; parts and accessories thereof

Selection-resulting tree

Figure 34: commodity tree view (only root is expanded)

Nodes that can be expanded are flagged with a ☐ symbol.

(Continued on the next page)

Notice that parent nodes can be selected as well as leaves, like in the example below:

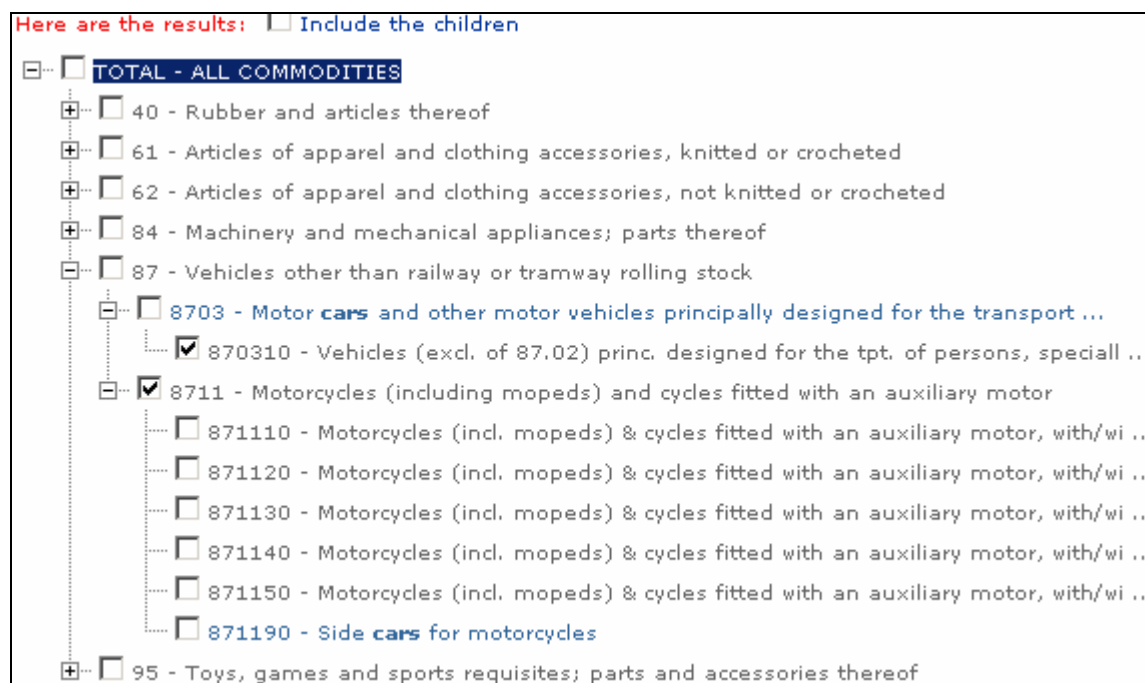


Figure 35: commodity selection – a node (Motorcycles) and a leaf (type of vehicle) are selected

Finally, clicking Add displays the selection in the Selected Items (a filter list) frame:

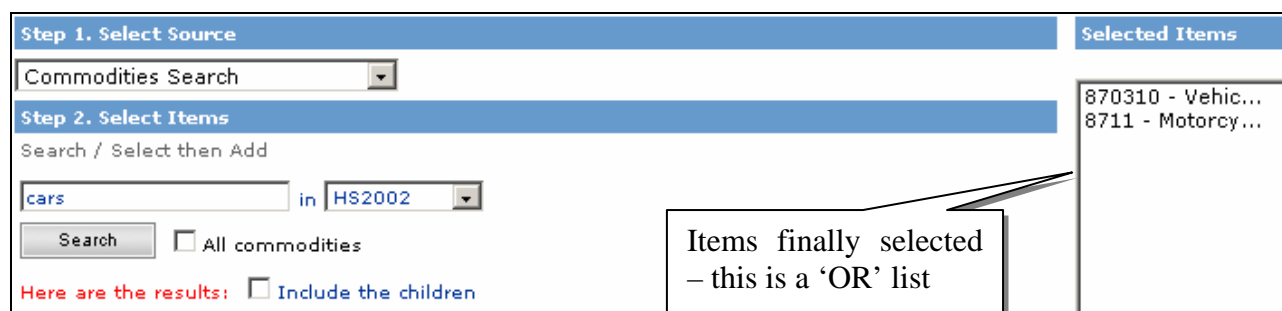


Figure 36: commodity list populated after clicking Add

As mentioned above, the selection list management buttons (see [fig. 32](#)) allow the User to edit the selection list. Items that must be individually removed must be highlighted with the mouse; multiple selection is possible through the Shift and Ctrl keys, like in a Windows list.

Ticking the 'All commodities' checkbox selects the whole commodity set; the selected items are ignored in this case.

Ticking 'Include the children' not only selects the checked nodes, but also their descendants in the tree; the checked nodes are flagged with a '*', like in the figure below:

The screenshot shows the 'Step 2. Select Items' section of the web interface. The search term 'bulbs' is entered in the search box, and 'HS2002' is selected in the dropdown. The 'Include the children' checkbox is checked. The results list shows a tree structure starting with 'TOTAL - ALL COMMODITIES'. Under it, '06 - Live trees and other plants;' is selected, marked with a '*' and a callout box stating 'Node and its descendants selected'. Below this, '0601 - Bulbs, tubers, tuberous roots, corms, crowns and rhizomes' is also selected, marked with a '*'. Its descendants, '060110 - Bulbs, tubers, tuberous roots, corms, crowns & rhizomes, dormant' and '060120 - Bulbs, tubers, tuberous roots, corms, crowns & rhizomes, in growth/in flowe ...', are listed below it.

Figure 37: a node is selected with its descendants

One or more items can be excluded from the selection by clicking the Exclude button after ticking their nodes; the excluded items are flagged with a minus sign:

The screenshot shows the 'Step 2. Select Items' section of the web interface. The search term 'cars' is entered in the search box, and 'HS2002' is selected in the dropdown. The 'Include the children' checkbox is unchecked. The results list shows a tree structure starting with 'TOTAL - ALL COMMODITIES'. Under it, '40 - Rubber and articles thereof', '61 - Articles of apparel and clothing accessories, knitted or crocheted', '62 - Articles of apparel and clothing accessories, not knitted or crocheted', and '84 - Machinery and mechanical appliances; parts thereof' are listed. '87 - Vehicles other than railway or tramway rolling stock' is selected, marked with a '*' and a callout box stating 'Selected'. Below it, '8703 - Motor cars and other motor vehicles principally designed for the transport ...' is listed. Under '8703', '870310 - Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...' is listed, marked with a '-' and a callout box stating 'Excluded'.

Figure 38: a category of vehicles is excluded from the vehicle selection

Of course, exclusion only makes sense when applied to the descendants of an already selected node for which the 'Include the children' option is set.

'Remove All' clears the Selected Items list.

'Save Selection to Favorites' is reserved to Registered (not Guests) Users. Refer to [section 3](#) for details on this function.

❑ Special Items

This entry selects commodities according to their code structure, namely their number of digits:

Figure 39: selecting commodities by number of digits in code

The digit-number selection can be added to commodity type conditions. Remember that the query processor makes the union (not the intersection) of selected commodities, like they appear, for instance, in [fig. 37](#).

The TOTAL entry means the total of trade flows. This entry should not be confused with (All): (All) means all the registered commodities (or countries, or years, depending on the current tab of the selection interface – see [fig. 32](#)). 'TOTAL' returns one summarized record while (All) returns all the available items, with one record per item.

When it comes to country selection, (All) should neither be confused with 'World'. 'World' is a pre-aggregated group of the countries that make up the world. (All) means all the partner countries. 'World' is similar to 'TOTAL'.

Note: when used by the Comtrade Explorer processor, TOTAL and (All) have other meanings. Refer to [Comtrade Explorer](#) section.

❑ My Favorite Commodities / Commodity Groups

Guest Users cannot define their own favorite items. They can use the standard, built-in groups of commodities and countries. There should be more of these groups in the near future. The picture below shows the standard country groups every guest User can select when the Reporter or the Partners tab is up:

Figure 40: standard country groups (or trade agreements between countries)

Whatever the selection is, clicking 'Submit Query' (fig. 32) displays the retrieved items, if any, also taking into account the selections carried out in the other tabs. For instance, here are the results of selecting item 950100 from "cars" with classification HS2002:

Basic Query Results: [help](#)

The query will return **9310** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **1.14** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)
Year: [2004](#) [2003](#) [2002](#)

Quick filter

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: All
Selected partners: All
Selected trade flows: All

Don't like the default download format? Set your own format at [here](#).
[Modify Selection](#) [View Graph](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Footnotes](#) [View Not-Available-Data](#)

Figure 41: results of a Basic Query operation

The interface above, and especially its action links, has already been discussed with the Shortcut Query function, which in fact makes use of the Basic Query processor. Again, we notice that no Direct Download or Save Query options are available. We can still refine the selection, for instance by selecting 2002 as year; we just have to click the 2002 link. The results are now:

Basic Query Results: [help](#)

The query will return **2993** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **0.37** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)

Quick filter

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: [2002](#)
Selected partners: All
Selected trade flows: All

Figure 42: results of a Basic Query operation; extra selection by Year

Another extra selection can be carried out, for instance from the partners. If we click on Partner World in [fig. 42](#), we get a country-broken down report:

Basic Query Results: [help](#)

Statistics: 86 rows returned in 0.48 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: [2002](#)
Selected partners: [World](#)
Selected trade flows: Import

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

12345

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2002	Import	Algeria	World	950100	\$546,462	1,235,972	8	1,235,972
2002	Import	Andorra	World	950100	\$42,353	7,689	8	7,689
2002	Import	Anguilla	World	950100	\$1,310	0	1	0
2002	Import	Argentina	World	950100	\$314,284	173,142	8	173,142
2002	Import	Aruba	World	950100	\$39,440	3,647	8	3,647
2002	Import	Australia	World	950100	\$11,271,998	0	5	955,019
2002	Import	Austria	World	950100	\$6,326,725	1,388,840	8	1,388,840

1.1.3.3. Reporters

The same –but far simpler, because there is only one level of data– filter operation can be carried out to select one or more reporting countries from the Reporters tab:

Figure 44: Reporters tab interface

The Reporters selection has already been discussed in the [Quick Search](#) section. Keeping the Commodities selection of [fig. 36](#), we can filter the query by two reporting countries:

Figure 45: two countries (Italy and Japan) selected in Reporters interface

Again, clicking Submit Query displays the query summary and results:

Basic Query Results: [help](#)

The query will return **1460** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **0.18** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)
Year: [2004](#) [2003](#) [2002](#)

Quick filter

Selected classification: HS2002
Selected commodities: [870310](#) (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), [8711](#) (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor)
Selected reporters: [Italy](#), [Japan](#)
Selected years: All
Selected partners: All
Selected trade flows: All

Query summary

Figure 46: query results for Commodities and Reporters selection

The [links](#) in the Basic Query results interface have been described with the Shortcut Query form.

1.1.3.4. [Partners](#)

An additional selection can be performed through the Partners interface:

Step 2. Enter Selection Items

Commodities **Reporters** **Partners** **Years** **Others**

Enter Partners Codes

Step 1. Select Source

Step 2. Select Items
Select and double click

United Rep. of Tanzania
Uruguay
US Misc. Pacific Isds
US Virgin Isds
USA
USA (before 1981)
Uzbekistan

Selected Items
US Misc. Pacific Isds
US Virgin Isds
USA

Figure 47: three partners selected

Reminder: a *Partner* is a country that carries out trade operations with a reporting country. The trade operations are defined by the Trade Flow parameter: import, export, re-export. Of course, all the reporting countries are also partners.

The new query gives the following results:

Basic Query Results: help																																																					
Statistics: 27 rows returned in 0.70 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.																																																					
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>																																																					
Selected classification: HS2002 Selected commodities: 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), 8711 (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor) Selected reporters: Italy , Japan Selected years: All Selected partners: US Misc. Pacific Isds , US Virgin Isds , USA Selected trade flows: All																																																					
Sort Order <input type="button" value="Year;Flow;Rep;Comm;TradeVal;"/> <input type="button" value="Refresh"/>																																																					
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data																																																					
<div>1 2</div> <table> <tr> <th>Period</th><th>Trade Flow</th><th>Reporter</th><th>Partner</th><th>Code</th><th>Trade Value</th><th>NetWeight (kg)</th><th>Quantity Unit</th><th>Trade Quantity</th></tr> <tr> <td>2002</td><td>Export</td><td>Italy</td><td>USA</td><td>870310</td><td>\$249,462</td><td>10,312</td><td>8</td><td>10,312</td></tr> <tr> <td>2002</td><td>Export</td><td>Italy</td><td>USA</td><td>8711</td><td>\$109,229,904</td><td>3,774,732</td><td>8</td><td>3,774,732</td></tr> <tr> <td>2002</td><td>Export</td><td>Japan</td><td>USA</td><td>870310</td><td>\$64,183,448</td><td>0</td><td>5</td><td>12,450</td></tr> <tr> <td>2002</td><td>Export</td><td>Japan</td><td>USA</td><td>8711</td><td>\$1,881,298,688</td><td>0</td><td>5</td><td>552,752</td></tr> </table>									Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity	2002	Export	Italy	USA	870310	\$249,462	10,312	8	10,312	2002	Export	Italy	USA	8711	\$109,229,904	3,774,732	8	3,774,732	2002	Export	Japan	USA	870310	\$64,183,448	0	5	12,450	2002	Export	Japan	USA	8711	\$1,881,298,688	0	5	552,752
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity																																													
2002	Export	Italy	USA	870310	\$249,462	10,312	8	10,312																																													
2002	Export	Italy	USA	8711	\$109,229,904	3,774,732	8	3,774,732																																													
2002	Export	Japan	USA	870310	\$64,183,448	0	5	12,450																																													
2002	Export	Japan	USA	8711	\$1,881,298,688	0	5	552,752																																													

Figure 48: query results for Commodities, Reporters and Partners selection (partial view)

We notice that this time, the retrieved records are also displayed. This is because there aren't too many of them.

1.1.3.5. Years

One or more years can be selected through the Years tab:

Step 2. Enter Selection Items	
Commodities	Reporters
Partners	Years
Others	
Enter Years	
Step 1. Select Source	Selected Items
Years List <input type="text"/>	2004
Step 2. Select Items	
Select and double click	
(All) <input type="text"/>	
2004 <input type="text"/>	
2003 <input type="text"/>	
2002 <input type="text"/>	
2001 <input type="text"/>	
2000 <input type="text"/>	
1999 <input type="text"/>	
<input type="button" value="Add"/>	<input type="button" value="Remove"/>
<input type="button" value="Remove All"/>	
<input type="button" value="Save selections to favorites"/>	
<input type="button" value="Submit Query"/>	<input type="button" value="Go to Comtrade Explorer"/>

Figure 49: additional selection by year

The query results are now:

Basic Query Results: help								
Statistics: 9 rows returned in 0.27 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: HS2002 Selected commodities: 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), 8711 (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor) Selected reporters: Italy , Japan Selected years: 2004 Selected partners: US Misc. Pacific Isds , US Virgin Isds , USA Selected trade flows: All								
Sort Order <input type="button" value="Year;Flow;Rep;Comm;TradeVal;"/> <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Italy	USA	870310	\$85,405	3,187	8	3,187
2004	Export	Italy	USA	8711	\$83,778,867	2,754,846	8	2,754,846
2004	Export	Japan	USA	870310	\$53,124,766	0	5	9,985
2004	Export	Japan	USA	8711	\$2,119,862,833	0	5	513,478
2004	Export	Japan	US Misc. Pacific Isds	8711	\$314,908	0	5	57
2004	Import	Italy	USA	870310	\$1,926,533	269,687	8	269,687
2004	Import	Italy	USA	8711	\$3,463,575	132,217	8	132,217
2004	Import	Japan	USA	870310	\$10,711,509	0	5	2,769
2004	Import	Japan	USA	8711	\$134,346,609	0	5	14,978

Figure 50: selection by Commodities, Reporters, Partners and Years (full view)

1.1.3.6. Others

Finally, the Others interface makes it possible to select the Trade Flow type, to filter according to the Trade Value and to define the retrieved items sort order, like exemplified below:

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Selection Items

Commodities **Reporters** **Partners** **Years** **Others**

Select Trade Flow

Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports..

☒ Import ☐ Export ☐ re-Export

Filter Trade Value

Greater Than Equal

Select Sort Order

TradeVal;

Select Aggregation Option

☐ Keep quantity unit differences ☒ Ignore quantity unit differences

Only Trade Values >= 1,000,000 will be kept

Sum up records with same selection values except Quantity Unit codes

Figure 51: the Others selection interface – notice the aggregation option

The final query results are:

Basic Query Results: [help](#)

Statistics: 4 rows returned in 0.31 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: [870310](#) (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), [8711](#) (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor)
Selected reporters: [Italy](#), [Japan](#)
Selected years: [2004](#)
Selected partners: [US Misc. Pacific Isds](#), [US Virgin Isds](#), [USA](#)
Selected trade flows: Import

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Sorted by...

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Import	Japan	USA	8711	\$134,346,609	0	5	14,978
2004	Import	Japan	USA	870310	\$10,711,509	0	5	2,769
2004	Import	Italy	USA	8711	\$3,463,575	132,217	8	132,217
2004	Import	Italy	USA	870310	\$1,926,533	269,687	8	269,687

Figure 52: selection by Commodities, Reporters, Partners, Years, Trade Flow and Trade Value (full view)

The User can choose to [aggregate](#) the retrieved records according to the Quantity Unit code. In the examples above, codes 5 (number of items) and 8 (weight in kilograms) are present. If several retrieved records have the same selection record values except the Quantity Unit code, their Trade parameters (value and quantity) will be added and only one record will appear.

1.1.3.7. A Useful Capability: the Intra Trade Query

To end the Basic Query section, the *intra trade query* is a good example of what a powerful query engine can do with grouped entities. It consists in extracting and summarizing all the trade flows within the same group of countries (for instance, the fifteen-nation Europe). This is achieved by selecting this country group as Partner and Reporter.

The selection settings and the query results are reproduced below:

Basic Query Results: help								
Statistics: 4 rows returned in 0.72 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: BEC Selected commodities: 5 (Transport equipment, and parts and accessories thereof) Selected reporters: European Union Selected years: 2003, 2004 Selected partners: European Union Selected trade flows: All								
Sort Order Year;Flow;Rep;Comm;TradeVal; <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Export	European Union	European Union	5	\$317,069,958,878	0	99	N/A
2003	Import	European Union	European Union	5	\$303,583,082,203	0	99	N/A
2004	Export	European Union	European Union	5	\$372,323,833,493	0	99	N/A
2004	Import	European Union	European Union	5	\$359,302,878,231	0	99	N/A

'Ignored for Aggregation'

Figure 53: an intra trade query – Transport Equipment within Europe for 2003 - 2004

1.1.4. Comtrade Explorer

1.1.4.1. Outline and Examples

The next entry in the [Data Query & Extraction](#) links is Comtrade Explorer. People familiar with Internet search engines (such as Google) will easily use this processor. In addition, some of its interfaces have already been described when discussing the Shortcut Query function.

When clicking the Comtrade Explorer entry, the following interface pops up:

Figure 54: Comtrade Explorer initial interface

The User can enter any word that defines a commodity, a county or a year. For instance:

Figure 55: example of search string

Clicking Search displays the following global results:

Figure 56: Comtrade Explorer – global results for the query

(Continued on the next page)

Selecting an entry and clicking View Description displays detailed information on the product:

Commodity List

Input keywords:

Commodity List

Total Commodities defined : 4

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☒ HS1996
 ☐ HS2002
 ☐ BEC

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>87</u>	Name: Vehicles other than railway, tramway Description: Vehicles o/t railw/tramw roll-stock, pts & accessories	Data Availability Snapshot
<u>8702</u>	Name: Public-transport type passenger motor vehicles Description: Motor vehicles for the transport of ten or more persons, including the driver.	Data Availability Snapshot
<u>870210</u>	Name: Diesel powered buses Description: With compression-ignition internal combustion piston engine (diesel or semi-diesel)	Data Availability Snapshot

Links

Figure 57: detailed information about an entry

Notice that the parents and children (no child here) of the Product are also displayed; the code of the selected product appears in red.

The 'Input keywords' textbox can be used to run another independent query –it doesn't filter the current query results.

1.1.4.2. Snapshot

Clicking the Snapshot link for an entry provides a summary report with graphic information on the selected item. Comtrade Explorer is the query processor used:

Comtrade Explorer - Snapshot [Help](#)

NOTICE: Please be very careful in drawing conclusions based on your selection especially if 'all' is selected in reporters/years, since 'all' means all currently available data.

Quick filter

Selected classification: HS1996
 Selected commodities: 870210 (Diesel powered buses)
 Selected reporters: All
 Selected years: 2004, 2003, 2002, 2001
 Selected partners: All
 Selected trade flows: All

Selection reminder

Figure 58: results of snapshot function: upper part of Comtrade Explorer interface – see lower part below

Keywords TOTAL and All in figs 58 and 59 have already been explained in the Basic Selection section. But their meanings are different here because of the snapshot report type:

- If All is selected as partner, it will be considered as single entity World
- If All is selected as commodity, it will be considered as single entity TOTAL
- For years and reporters, All means 'all available data' -refer to [Data Availability](#).

The lower part of the Snapshot report is reproduced below:

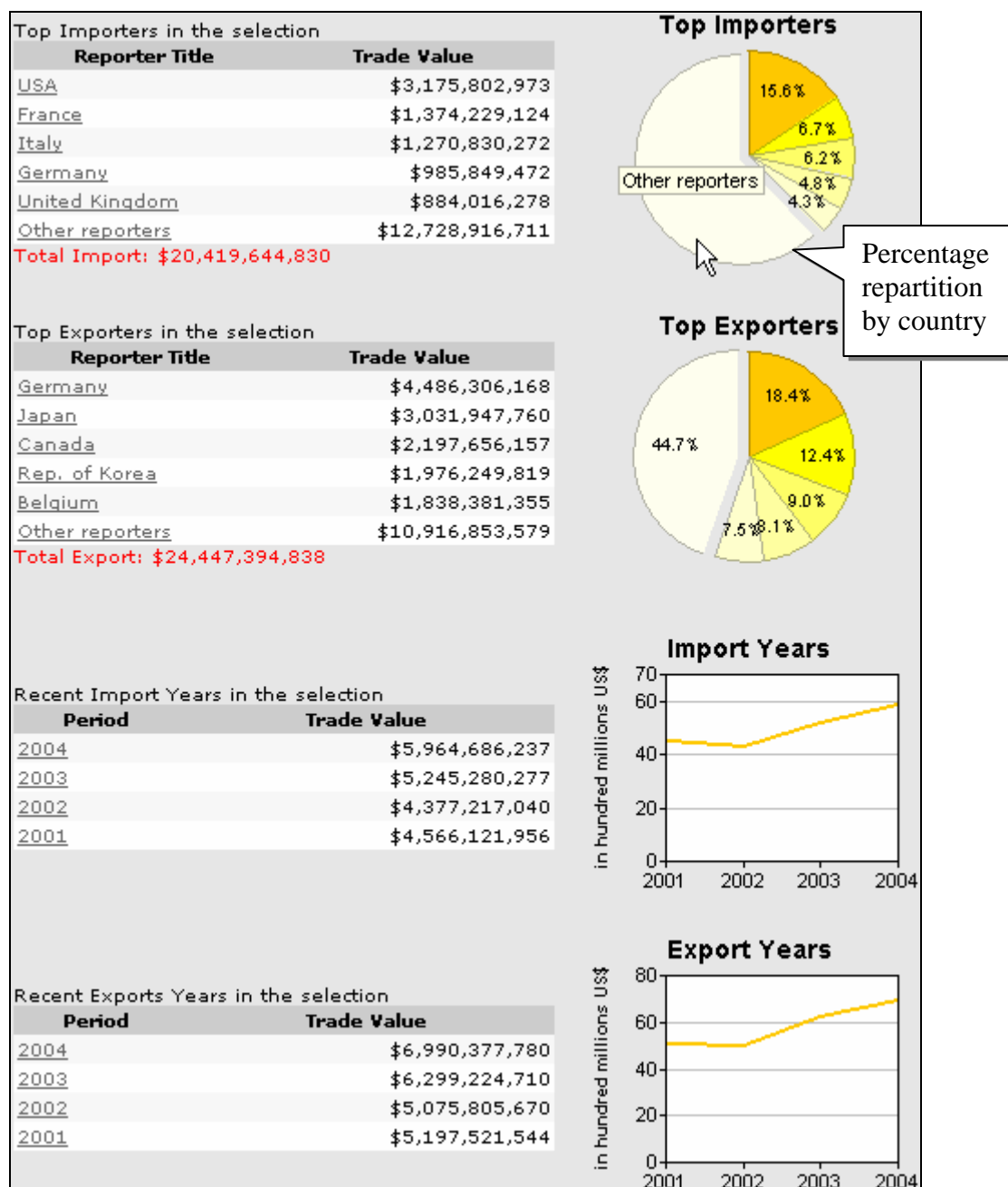


Figure 59: Comtrade Explorer (lower part) – summary graphic report

(Continued on the next page)

The [Quick Filter](#) combo has been introduced in the Quick Search function. It makes it possible to filter the current selection, like in the example below:

Comtrade Explorer - Snapshot [Help](#)

NOTICE: Please be very careful in drawing conclusions based on your selection especially if 'all' is selected in reporters/years, since 'all' means all currently available data.

Quick filter **Fr** ▼ ? Clear Apply

- Fr, South Antarctic Terr. (Partner Name)
- France (Partner Name)
- France (Reporter Name)
- Free Zones (Partner Name)
- French Guiana (Partner Name)
- French Guiana (Reporter Name)
- French Polynesia (Partner Name)
- French Polynesia (Reporter Name)

Selected classification: HS1996
Selected commodities: 870210 (Diesel powered buses)
Selected reporters: All
Selected years: 2004, 2003, 2002, 2001
Selected partners: France
Selected trade flows: All

Figure 60: filtering list – entries beginning with ‘Fr’

If we select ‘France (Partner Name)’ and click Apply, we get the following report:

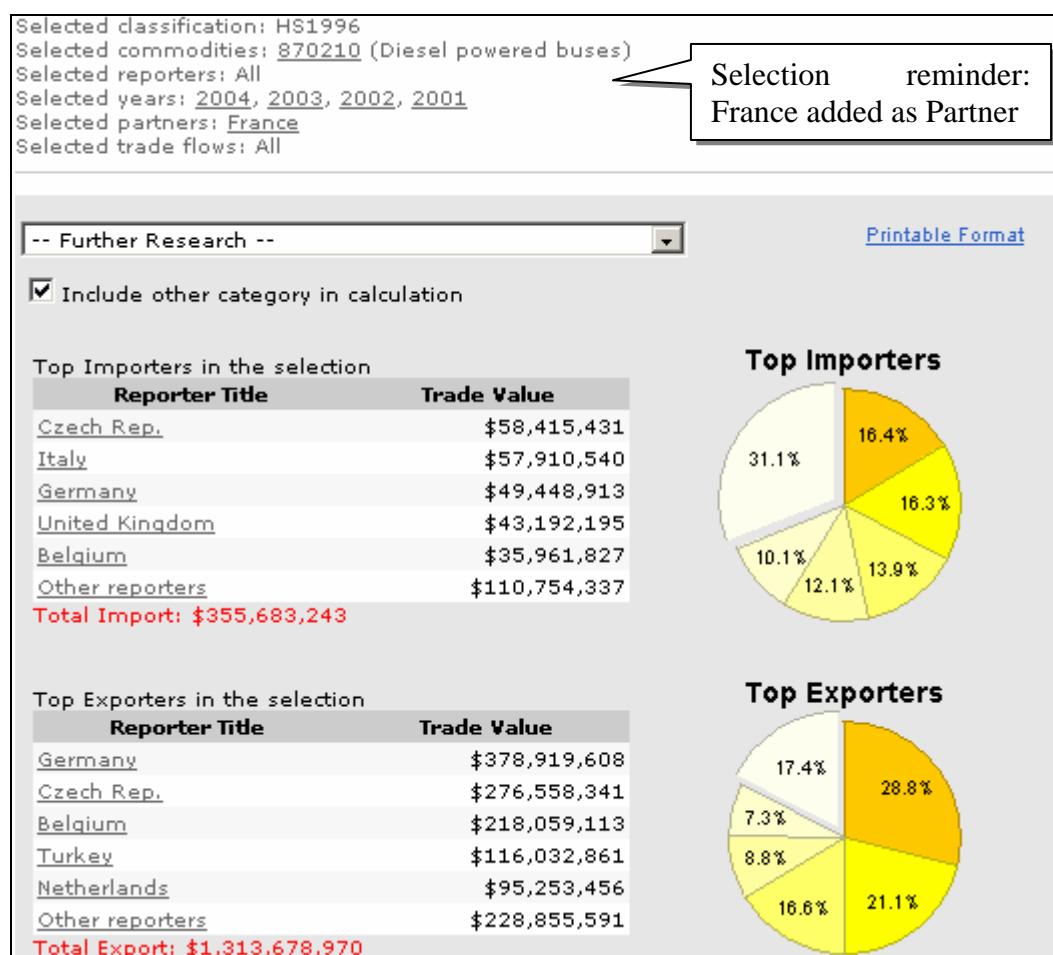


Figure 61: Comtrade Explorer (upper part) – selection filtered by Partner

Note: if Quick Filter is used for a criterion that is already set (value ≠ ‘All’ in query summary), the Quick Filter value replaces the already set value; in this case, Quick Filter redefines the query rather than filters it.

For instance, if we enter 'Gold' in the Quick Filter box:

Quick filter	gold	▼ ?	Clear	Apply
Selected clas	08112 (SITC Rev.2) Mangolds, swedes, fodder roots, hay, etc			
Selected com	08113 (SITC Rev.3) Swedes, mangolds, fodder roots, hay, clover, sainfoin, forage kale, lupin			
Selected rep	1214 (HS2002) Swedes, mangolds, fodder roots, hay, lucerne (alfalfa)			
Selected yea	121490 (HS2002) Swedes, mangolds, fodder roots, hay, clover, sainfoin, forage kale, lupines ...			
Selected par	284330 (HS1992) Gold compounds			
Selected trad	284330 (HS1996) Gold compounds			
	284330 (HS2002) Gold comps.			
	284390 (HS1992) Precious metal compounds except gold, silver, amalgam			
	284390 (HS1996) Precious metal compounds except gold, silver, amalgams			
	4206 (HS1992) Articles of gut, goldbeater's skins, bladders, tendon			

Figure 62: Quick Filter selection

Then if we select 'Gold compounds' and click Apply, we get the following selection summary:

Selected classification: HS1992	New commodity replaces the previous one
Selected commodities: 284330 (Gold compounds)	
Selected reporters: All	
Selected years: 2004, 2003, 2002, 2001	
Selected partners: France	
Selected trade flows: All	

Figure 63: new selection through Quick Filter

1.1.4.3. Data Availability

Back to [fig. 58](#), if we click the Data Availability link for commodity 870210, we get the following report:

Data Availability - Commodities		
Disclaimer (reported and converted data).		
Search Results: General Data Availability		
Total Available Commodities : 1 for commodity codes: 870210(HS1996)		
Code	Name	Data Availability
870210	Diesel powered buses View Description View Snapshot	1996 - 2004 164 countries with 28202 records reported.
1		
Search Results: Detail Data Availability		
Total Reported Reporters : 165 for commodity codes: 870210(HS1996)		
Code	Reporter	Years
	-All Reporters-	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
8	Albania	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
12	Algeria	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
20	Andorra	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
660	Anguilla	2002, 2003, 2004, ALL
28	Antigua and Barbuda	1999, 2000, ALL
32	Argentina	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
51	Armenia	1997, 1999, 2000, 2002, 2003, 2004, ALL
533	Aruba	2002, 2003, 2004, ALL

Figure 64: data availability report for selected commodity (partial view)

This interface is addressed in the Data Availability / [Commodities](#) section later in this document.

1.1.5. Express Selection

The last entry in the [query processor list](#) is Express Selection. The User interface of this processor is in a way a simplified summary of query processor interfaces we already met, especially the Basic Selection (or Basic Query) processor, with meta-language capabilities to describe the selection criteria.

There are two tabs in this interface:

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text

Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

71 [Save](#) [Lookup](#)

Enter Reporters Codes / Text

Separated by comma. Special code: *All*. Minus sign is not applicable.

699 [Save](#) [Lookup](#)

Enter Partners Codes / Text

Separated by comma. Special code: *All*. Minus sign is not applicable.

[Save](#) [Lookup](#)

Enter Years

Separated by comma. Special code: *All*. Minus sign is not applicable.

2000 [Save](#) [Lookup](#)

Select Trade Flow

Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☐ Import ☒ Export ☐ re-Export

[Submit Query](#) [Go to Comtrade Explorer](#)

Figure 65: Express Selection – Basic Items tab

Notice the Save and Lookup links that make it possible to save the codes entered and retrieve them from a list ('Favorites'). The interface used by [Lookup](#) has been introduced in section Quick Search.

Reminder: saving a selection or a report is reserved to *registered* Users (unavailable to free Users, also called "Guests"). Refer to [section 3](#). for information on registered Users and Favorites.

The Advanced Items frame allows Users to filter the available data according to Trade Values, to define a sort sequence and to set an aggregation option on Quantity units:

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Filter Trade Value

Greater Than Equal 10000

Select Sort Order

Year;Flow;Rep;Comm;Ptrn;

Select Aggregation Option

☒ Keep quantity unit differences ☐ Ignore quantity unit differences

Submit Query Go to Comtrade Explorer

Figure 66: Express Selection – Advanced Items tab

This interface has already been discussed in the Basic Query section, form [Others](#).

(Continued on the next page)

Finally, clicking Submit Query displays the resulting Basic Query report:

Basic Query Results: [help](#)
Statistics: **174** rows returned in **0.72** seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: 71 (Natural or cultured pearls, precious or semi-precious stones)
Selected reporters: India
Selected years: All
Selected partners: All
Selected trade flows: Export

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Several pages to display

1 2 3 4 5 6 7 8 9

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Export	India	World	<u>71</u>	\$10,604,792,809	N/A	<u>0</u>	N/A
2003	Export	India	USA	<u>71</u>	\$3,666,262,056	N/A	<u>0</u>	N/A
2003	Export	India	China, Hong Kong SAR	<u>71</u>	\$2,306,235,072	N/A	<u>0</u>	N/A
2003	Export	India	United Arab Emirates	<u>71</u>	\$1,466,249,935	N/A	<u>0</u>	N/A
2003	Export	India	Belgium	<u>71</u>	\$1,041,507,668	N/A	<u>0</u>	N/A
2003	Export	India	Israel	<u>71</u>	\$471,124,615	N/A	<u>0</u>	N/A
2003	Export	India	Japan	<u>71</u>	\$351,351,091	N/A	<u>0</u>	N/A
2003	Export	India	United Kingdom	<u>71</u>	\$223,082,317	N/A	<u>0</u>	N/A
2003	Export	India	Thailand	<u>71</u>	\$199,657,105	N/A	<u>0</u>	N/A
2003	Export	India	Singapore	<u>71</u>	\$192,962,562	N/A	<u>0</u>	N/A
2003	Export	India	Switzerland	<u>71</u>	\$147,704,348	N/A	<u>0</u>	N/A
2003	Export	India	Areas, nes	<u>71</u>	\$102,267,629	N/A	<u>0</u>	N/A
2003	Export	India	Germany	<u>71</u>	\$64,729,320	N/A	<u>0</u>	N/A
2003	Export	India	Australia	<u>71</u>	\$58,929,291	N/A	<u>0</u>	N/A
2003	Export	India	Italy	<u>71</u>	\$35,221,581	N/A	<u>0</u>	N/A
2003	Export	India	Canada	<u>71</u>	\$30,923,603	N/A	<u>0</u>	N/A
2003	Export	India	France	<u>71</u>	\$28,454,979	N/A	<u>0</u>	N/A

Figure 67: Express Selection report (partial view)

Refer to the [Basic Query](#) and [Shortcut Query](#) sections for details, especially on the list of actions that is tagged above. Note that the commodity codes and quantity units used are described by a 'tooltip' text.

Clicking View Graph displays summary information about the most important export Partners:

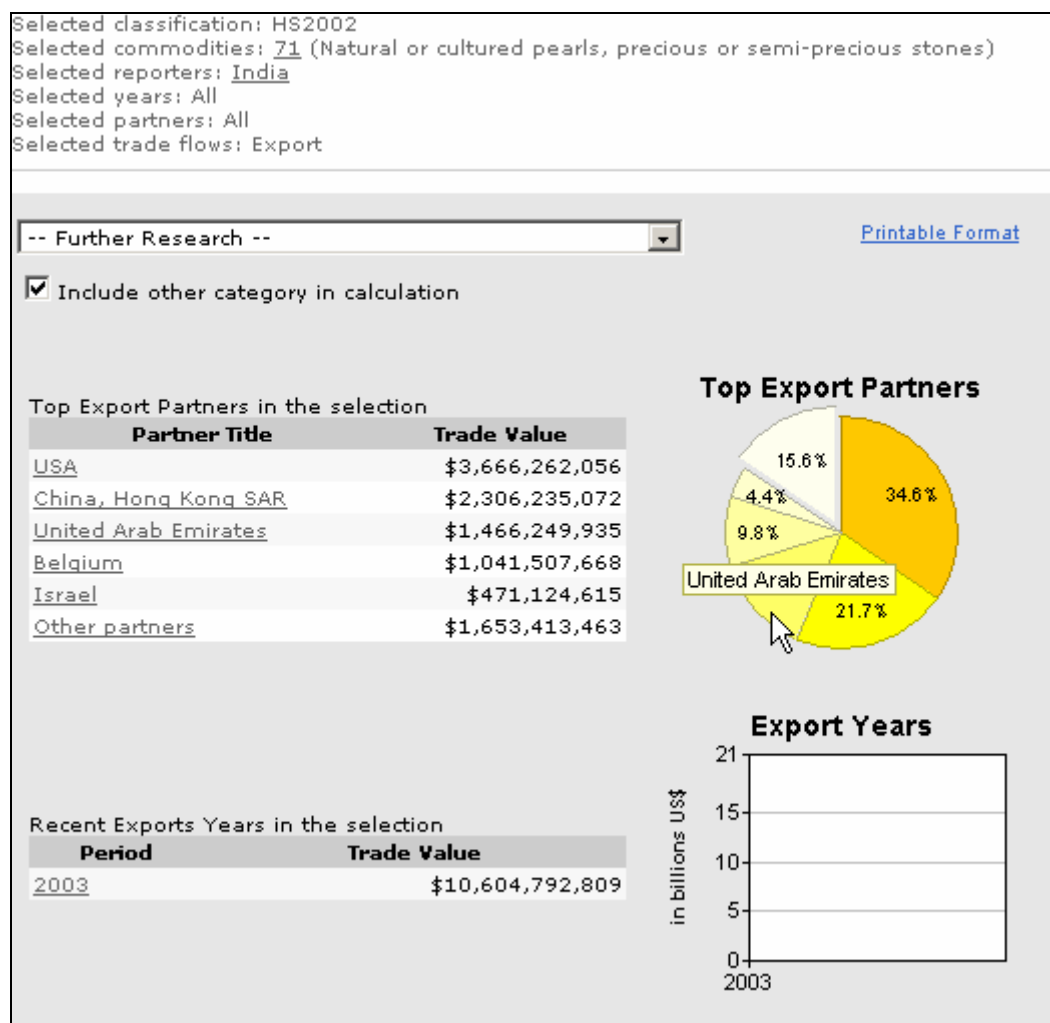


Figure 68: Express Selection – top export Partners

1.1. Data Availability

While the data Query section explains how to retrieve information on commodities (e.g., quantities in terms of trade value, mass or number of items exported), the Data Availability section deals with the *amount of data records collected* for a given selection, whatever type they are.

Several interfaces provide the User with data availability results, for instance the already discussed [Comtrade Explorer](#).

The Data Availability functions are activated through the links below:

Data Availability
Interactive
in Graph
Reporters
Commodities
Years
by Date of Loading

Figure 1: Data availability function in the main interface

1.1.1. Interactive

The Interactive interface is reproduced below, with a selection already carried out:

Data Availability Interactive

Step 1. Choose filter

The first option will filter combinations with trade data.

☐ Show all possible combinations
 ☒ Show just with trade data

Step 2. Select Classification

Numbers in bracket indicate number of records

BEC (3895839)

Number of records collected for the selected classification

Step 3. Select Reporter and/or Year

Numbers in bracket indicate number of records in the selection.
* means that data were converted from other classification. See [Disclaimer](#) (reported and converted data).

Reporter: Antigua and Barbuda (4283)
 Year: 2000 (2214)*

Step 4. Select Trade Flow and/or Commodity and/or Partner

Numbers in indicate number of total records and value in the selection

Trade value for the selection

Trade Flow: Export (541)
 Partner:
 Commodity: 21 (19 - \$826,314.00) - Industrial supplies nes, primary

Figure 2: Data Availability Interactive interface – selection in effect

The comments in the form itself explain the role of each field. The values between parentheses are the number of records collected for the selected classification.

Clicking 'Go to Comtrade Explorer' brings up the usual reporting interface (see [above](#)) with a graph display:

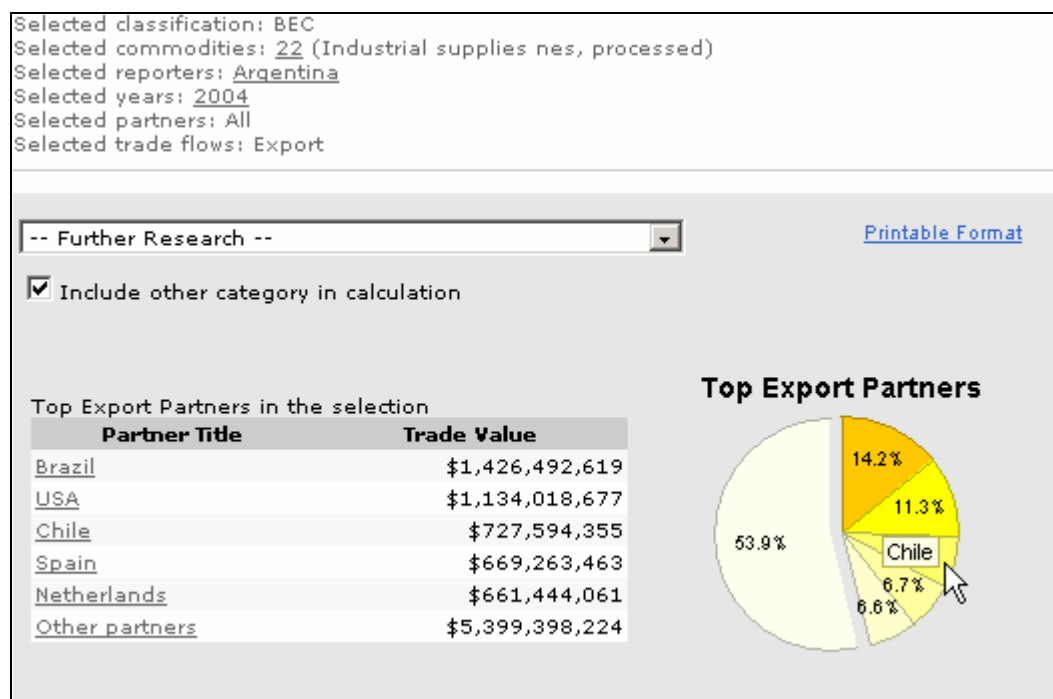


Figure 3: Comtrade Explorer for Interactive interface

1.1.2. In Graph

The 'In Graph' interface is reproduced below, with a selection already carried out:



Figure 4: 'In Graph' results

The filter part of the interface makes it possible to select the reporting country, commodity codes and years. Two bars at the top and bottom of the filter area allow the User to select a year range and a geographic entity (e.g., European Union), instead of a country and one or more years. The [Lookup](#) links brings an already met interface that makes it possible to select commodities by their names instead of their codes, or to select standard Favorites.

In this interface, the results are contained in the same form as the filter values, and displayed as a bar chart. All the classification types are used and appear with different colors. Moving the mouse cursor over a bar displays the real number of data records, like exemplified above.

Double-clicking a bar (here, the first one) details the data records selected in the familiar Basic Query report form:

Basic Query Results: [help](#)

Statistics: 296 rows returned in 0.27 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: BEC
Selected commodities: 12 (Food and beverages, processed)
Selected reporters: Australia
Selected years: 2000
Selected partners: All
Selected trade flows: All

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

1 2 3 4 5 6 7 8 9 10 ...

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2000	Export	Australia	World	<u>12</u>	\$6,803,180,919	0	<u>1</u>	0
2000	Export	Australia	Japan	<u>12</u>	\$1,635,831,771	0	<u>1</u>	0
2000	Export	Australia	USA	<u>12</u>	\$1,210,823,499	0	<u>1</u>	0
2000	Export	Australia	United Kingdom	<u>12</u>	\$471,891,332	0	<u>1</u>	0
2000	Export	Australia	New Zealand	<u>12</u>	\$317,450,535	0	<u>1</u>	0
2000	Export	Australia	Philippines	<u>12</u>	\$260,518,844	0	<u>1</u>	0
2000	Export	Australia	Rep. of Korea	<u>12</u>	\$244,102,577	0	<u>1</u>	0
2000	Export	Australia	Other Asia, nes	<u>12</u>	\$227,015,983	0	<u>1</u>	0
2000	Export	Australia	Special Categories	<u>12</u>	\$204,541,425	0	<u>1</u>	0
2000	Export	Australia	Singapore	<u>12</u>	\$204,165,112	0	<u>1</u>	0
2000	Export	Australia	Canada	<u>12</u>	\$180,912,521	0	<u>1</u>	0
2000	Export	Australia	Malaysia	<u>12</u>	\$159,866,801	0	<u>1</u>	0
2000	Export	Australia	China, Hong Kong SAR	<u>12</u>	\$155,976,470	0	<u>1</u>	0
2000	Export	Australia	Saudi Arabia	<u>12</u>	\$132,198,958	0	<u>1</u>	0
2000	Export	Australia	Indonesia	<u>12</u>	\$114,185,287	0	<u>1</u>	0
2000	Export	Australia	Thailand	<u>12</u>	\$113,331,528	0	<u>1</u>	0
2000	Export	Australia	Netherlands	<u>12</u>	\$80,481,009	0	<u>1</u>	0

Several pages

Figure 5: the data records selected from the In Graph interface (partial)

Refer to [fig. 44](#) in the Basic Selection section for comments on this report.

1.1.3. Reporters

This function allows Users to filter the data records by Reporters (i.e. statistics provider countries) and year. The commodity classification is also used.

The Reporters interface – with country names beginning by Z – is reproduced below:

Data Availability - Reporters by Years

Disclaimer (reported and converted data).

A B C D E F G H I J K L M N O P Q R S T U V W X Y **Z** All

Input keywords: Search

Search Results

Number of reporters: 2

Country selection – first letter

Code	Name	BEC	HS2002	HS1996	HS1992	SITC Rev.3	SITC Rev.2	SITC Rev.1
894	Zambia View Description	1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	2002 , 2004 , ALL	1997 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1976 , 1977 , 1978 , 1979 , 1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1966 , 1967 , 1970 , 1971 , 1972 , 1973 , 1974 , 1975 , 1976 , 1977 , 1978 , 1979 , 1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL
716	Zimbabwe View Description	1999 , 2000 , 2001 , 2002 , 2004 , ALL	2004 , ALL	2000 , 2001 , 2002 , 2004 , ALL	1995 , 2000 , 2001 , 2002 , 2004 , ALL	1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1984 , 1985 , 1986 , 1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1984 , 1985 , 1986 , 1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL

Figure 6: Reporter countries by year and classification codes

As usual, clicking an underlined year displays detailed information on the data records provided this year. The Basic Query processor is used.

Clicking View Description under a country name brings up information data on the selected country with links to other reporting interfaces, some of which we already met:

Country List
Total countries defined : 1

Code	Name	ISO	Valid Years	
894	Abbreviation: Zambia Full Name: Zambia Description: N/A Comment: N/A Type: Reporters/Partners	ZM/ZMB	1965 - Now	Data Availability Explanatory Notes Snapshot ITC Country Profile Trade Compilation

Links to reporting interfaces

Figure 7: Reporter interface – information on country

1.1.4. Commodities

This processor makes it possible to filter the provided data records by Commodities. Commodities are selected from a [tree-structured list](#) we already described in the Basic Selection section:

Data Availability - Commodities

Select Commodities
Search & Select the commodities to be checked for data availability

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☐ HS1996
 ☐ HS2002
 ☒ BEC

Step 1. Select Source

Commodities Search

Step 2. Select Items
Search / Select then Add

in

☐ All commodities

Here are the results: ☐ Include the children

- ☐ TOTAL - All Categories
 - ☐ 1 - Food and beverages
 - ☐ 11 - Food and beverages, primary
 - ☐ 111 - Food and beverages, primary, mainly for industry
 - ☐ 112 - Food and beverages, primary, mainly for household consumption
 - ☐ 11 - Food and beverages, primary
 - ☐ 12 - Food and beverages, processed
 - ☐ 121 - Food and beverages, processed, mainly for industry
 - ☐ 122 - Food and beverages, processed, mainly for household consumption
 - ☐ 1 - Food and beverages

Selected Items

- 111 - Food and...
- 121 - Food and...

Figure 8: commodity selection – food is the main selection – two items selected

Once the nodes or leaves are selected, clicking Add stores them in the Selected Items frame.

Clicking Continue displays the query results:

Search Results: General Data Availability		
Total Available Commodities : 2 for commodity codes: 111, 121(BEC)		
Code	Name	Data Availability
111	Food and beverages, primary, mainly for industry View Description View Snapshot	1998 - 2004 172 countries with 75847 records reported.
121	Food and beverages, processed, mainly for industry View Description View Snapshot	1998 - 2004 172 countries with 80958 records reported.
		1
Search Results: Detail Data Availability		
Total Reported Reporters : 177 for commodity codes: 111, 121(BEC)		
Code	Reporter	Years
	-All Reporters-	1998 , 1999 , 2000 , 2001 , 2002 , 2003 , 2004 , ALL
8	Albania	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
12	Algeria	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
20	Andorra	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
660	Anguilla	2004 , 2002 , 2003 , 2000 , 2001 , ALL
28	Antigua and Barbuda	2000 , 1999 , ALL
32	Argentina	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
51	Armenia	2004 , 2002 , 2003 , 2000 , 1999 , ALL
533	Aruba	2004 , 2002 , 2003 , ALL
36	Australia	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
40	Austria	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
31	Azerbaijan	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
44	Bahamas	2000 , 2001 , 1998 , 1999 , ALL
48	Bahrain	2004 , 2002 , 2003 , 2000 , 2001 , ALL
50	Banladesh	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , ALL

Two food items selected

Figure 9: commodities – report for two selected items – Data Availability

Clicking View description brings up the Commodity List interface; clicking Snapshot leads to the Comtrade Explorer [Snapshot](#) form.

(Continued on the next page)

Again, clicking a highlighted year leads to the Basic Query [reporting form](#):

Selected classification: BEC
Selected commodities: 111 (Food and beverages, primary, mainly for industry), 121 (Food and beverages, processed, mainly for industry)
Selected reporters: Albania
Selected years: 1999
Selected partners: All
Selected trade flows: All

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

1 2 3 4 5

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
1999	Export	Albania	World	<u>111</u>	\$89,563	0	<u>1</u>	0
1999	Export	Albania	TFYR of Macedonia	<u>111</u>	\$50,024	0	<u>1</u>	0
1999	Export	Albania	France	<u>111</u>	\$13,924	0	<u>1</u>	0
1999	Export	Albania	Greece	<u>111</u>	\$10,371	0	<u>1</u>	0
1999	Export	Albania	Italy	<u>111</u>	\$9,437	0	<u>1</u>	0
1999	Export	Albania	Serbia and Montenegro	<u>111</u>	\$5,807	0	<u>1</u>	0
1999	Export	Albania	World	<u>121</u>	\$465,059	0	<u>1</u>	0
1999	Export	Albania	Serbia and Montenegro	<u>121</u>	\$327,353	0	<u>1</u>	0
1999	Export	Albania	TFYR of Macedonia	<u>121</u>	\$81,542	0	<u>1</u>	0
1999	Export	Albania	Croatia	<u>121</u>	\$56,164	0	<u>1</u>	0
1999	Import	Albania	World	<u>111</u>	\$22,960,303	0	<u>1</u>	0
1999	Import	Albania	Bulgaria	<u>111</u>	\$4,555,771	0	<u>1</u>	0
1999	Import	Albania	Greece	<u>111</u>	\$3,177,447	0	<u>1</u>	0
1999	Import	Albania	Italy	<u>111</u>	\$3,008,178	0	<u>1</u>	0
1999	Import	Albania	Romania	<u>111</u>	\$2,523,751	0	<u>1</u>	0
1999	Import	Albania	Egypt	<u>111</u>	\$2,232,014	0	<u>1</u>	0
1999	Import	Albania	Turkey	<u>111</u>	\$1,282,368	0	<u>1</u>	0
1999	Import	Albania	France	<u>111</u>	\$848,267	0	<u>1</u>	0
1999	Import	Albania	Spain	<u>111</u>	\$791,826	0	<u>1</u>	0
1999	Import	Albania	Czech Rep.	<u>111</u>	\$689,713	0	<u>1</u>	0

1 2 3 4 5

Several pages in this report

Figure 10: report on specific year for selected commodities – Data Availability

1.1.5. Year

The Year processor makes it possible to get data availability information by year and country, as illustrated below:

Data Availability - Years by Reporters

Disclaimer (reported and converted data).

1962-1965	1966-1970	1971-1975	1976-1980	1981-1985
1986-1990	1991-1995	1996-2000	Recent Years	All Years

Year range selection

Search Results

Number of years (2004,2003,2002,2001,2000) by classifications: 33

Year	Classification	Reporters
2004 View Snapshot	SITC Rev.3	Albania , Algeria , Andorra , Azerbaijan , Argentina , Austria , Bahrain , Bangladesh , Armenia , Barbados , Belgium , Bolivia , Bosnia Herzegovina , Brazil , EU-25 , Bulgaria , Burundi , Belarus , Cambodia , Cameroon , Canada , Sri Lanka , Chile , China , Colombia , Cook Isds , Croatia , Cyprus , Czech Rep. , Denmark , Dominica , Ecuador , Estonia , Fiji , Finland , France , French Polynesia , Gabon , Georgia , Germany , Ghana , Greece , Guyana , China , Hong Kong SAR , Iceland , Indonesia , Ireland , Israel , Italy , Japan , Kazakhstan , Jordan , Kenya , Rep. of Korea , Latvia , Libya , Lithuania , Luxembourg , China , Macao SAR , Madagascar , Malawi , Malaysia , Maldives , Malta , Mauritius , Mexico , Other Asia, nes , Rep. of Moldova , Morocco , Oman , Netherlands , Aruba , New Caledonia , New Zealand , Nicaragua , Norway , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Qatar , Romania , Russian Federation , Anquilla , Saint Lucia , Saint Vincent and the Grenadines , Senegal , Seychelles , Singapore , Slovakia , Slovenia , South Africa , Zimbabwe , Sweden , Switzerland , Syria , Togo , Tunisia , Turkey , Turks and Caicos Isds , Uganda , TFYR of Macedonia , United Kingdom , United Rep. of Tanzania , USA , Uruguay , Venezuela , Samoa , Yemen , Zambia , ALL
2004 View Snapshot	SITC Rev.2	Albania , Algeria , Andorra , Azerbaijan , Argentina , Austria , Bahrain , Bangladesh , Armenia , Barbados , Belgium , Bolivia , Bosnia Herzegovina , Brazil , Bulgaria , Burundi , Belarus , Cambodia , Cameroon , Canada , Sri Lanka , Chile , China , Colombia , Cook Isds , Croatia , Cyprus , Czech Rep. , Denmark , Dominica , Ecuador , Estonia , Fiji , Finland , France , French Polynesia , Gabon , Georgia , Germany , Ghana , Greece , Guyana , China , Hong Kong SAR , Iceland , Indonesia , Ireland , Israel , Italy , Japan , Kazakhstan , Jordan , Kenya , Rep. of Korea , Latvia , Libya , Lithuania , Luxembourg , China , Macao SAR , Madagascar , Malawi , Malaysia , Maldives , Malta , Mauritius , Mexico , Other Asia, nes , Rep. of Moldova , Morocco , Oman , Netherlands , Aruba , New Caledonia , New Zealand , Nicaragua , Norway , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Qatar , Romania , Russian Federation , Anquilla , Saint Lucia , Saint Vincent and the Grenadines , Senegal , Seychelles , Singapore , Slovakia , Slovenia , South Africa , Zimbabwe , Sweden , Switzerland , Syria , Togo , Tunisia , Turkey , Turks and Caicos Isds , Uganda , TFYR of Macedonia , United Kingdom , United Rep. of Tanzania , USA , Uruguay , Venezuela , Samoa , Yemen , Zambia , ALL

Figure 11: Year reporting for Data Availability

The following points should be noted:

- Clicking View Snapshot displays the already met Comtrade Explorer [snapshot](#).
- Clicking an underlined country brings up a [Basic Query](#) report.
- Moving the mouse cursor over a country displays the number of records collected for the current selection.

1.1.6. By Date of Loading

The 'By Date of Loading' entry makes it possible to get data availability information by record upload date, as illustrated below:

Recently Loaded Data RSS

Disclaimer (reported and converted data).

Step 1. Select Selection Filter

Classification: (All) Reporter: (All) Year: (All) Loaded: 1 month ago

Step 2. View Search Results

Showing only top 50 records.

Upload Date	Year	Classification	Reporters
07 Oct 2005	2004	SITC Rev.3	Kazakhstan
07 Oct 2005	2004	SITC Rev.2	Kazakhstan
07 Oct 2005	2004	SITC Rev.1	Kazakhstan
07 Oct 2005	2004	HS2002	Kazakhstan
07 Oct 2005	2004	HS1996	Kazakhstan
07 Oct 2005	2004	BEC	Kazakhstan
05 Oct 2005	2002	HS1996	Cook Isds, Montserrat
05 Oct 2005	2001	HS1996	Cook Isds, Montserrat, Mozambique, United Arab Emirates
05 Oct 2005	2000	HS1996	Tajikistan, Tonga, United Arab Emirates
05 Oct 2005	1999	HS1996	Mozambique, United Arab Emirates
04 Oct 2005	2004	SITC Rev.3	Latvia, Mexico, Slovenia, Zambia
04 Oct 2005	2004	SITC Rev.2	Latvia, Libya, Mexico, Slovenia, Zambia

Filter section

Figure 12: selection by record upload date – Data Availability – ‘one month ago’

In this example, the only filter parameter is the upload date, and it is set to ‘1 month ago’. The picture below shows the possible values:

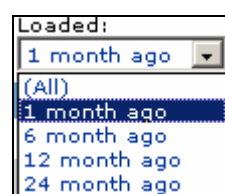


Figure 13: possible values for date selection

As usual, clicking an underlined country allows Users to get trade details on it.

1.1. Support

The Support menu includes the following entries:

A screenshot of a web-based support menu. The menu is titled 'Support' in a blue header. Below the header, there are several menu items: 'Service Message' with an orange 'RSS' button next to it, 'Comtrade SDMX', 'Comtrade RSS', 'Comtrade Features', 'Help Index', 'Question & Answer', and 'Contact Us'.

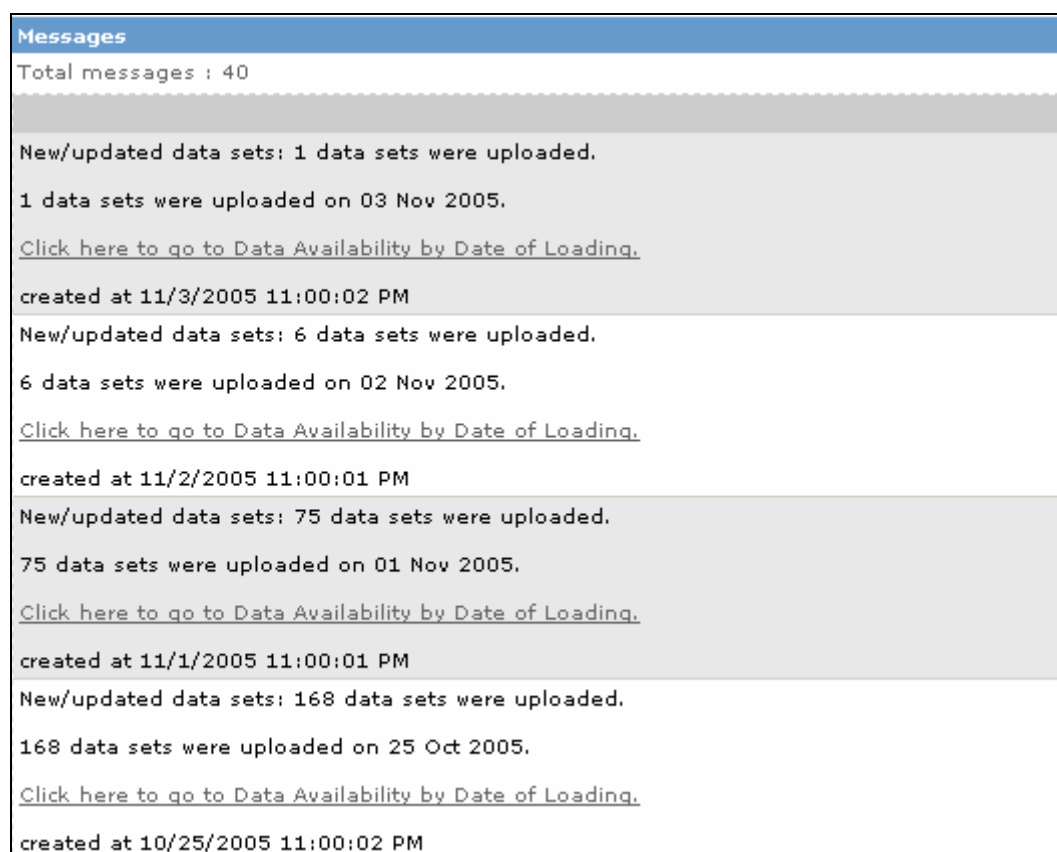
Support	
Service Message	RSS
Comtrade SDMX	
Comtrade RSS	
Comtrade Features	
Help Index	
Question & Answer	
Contact Us	

Figure 1: Support menu

These entries provide online Help and remote communication with UNSD. Since they are by nature strongly User-oriented, we won't describe them but briefly. For some entries, we just reproduce the form they display.

1.1.1. Service Message

Clicking this entry displays the latest Joint System Application informative messages, for instance the latest data upload operations:

A screenshot of the 'Messages' section of the web application. It shows a list of data upload messages. Each message entry includes the number of data sets uploaded, the date, a link to 'Data Availability by Date of Loading', and the creation time. The messages are separated by horizontal lines.

Messages	
Total messages : 40	
New/updated data sets: 1 data sets were uploaded.	
1 data sets were uploaded on 03 Nov 2005.	
Click here to go to Data Availability by Date of Loading.	
created at 11/3/2005 11:00:02 PM	
New/updated data sets: 6 data sets were uploaded.	
6 data sets were uploaded on 02 Nov 2005.	
Click here to go to Data Availability by Date of Loading.	
created at 11/2/2005 11:00:01 PM	
New/updated data sets: 75 data sets were uploaded.	
75 data sets were uploaded on 01 Nov 2005.	
Click here to go to Data Availability by Date of Loading.	
created at 11/1/2005 11:00:01 PM	
New/updated data sets: 168 data sets were uploaded.	
168 data sets were uploaded on 25 Oct 2005.	
Click here to go to Data Availability by Date of Loading.	
created at 10/25/2005 11:00:02 PM	

Figure 2: Service Message display (partial view)

Notice that, for each data upload entry, a link provides data availability by [date of loading](#). The 'What's New' link in the [main interface](#) displays the same kind of information in an abbreviated format.

(Continued on the next page)

Messages can also relate to new Comtrade references, like in the two entries below:

<p>Addition of BEC classification to UN Comtrade for years 1998 to present</p> <p>UN Comtrade has added one more classification to its existing set of 6. In addition to the 3 editions of the Harmonized System and the 3 revisions of the SITC, the BEC classification gives a broader economic outlook on trade in commodities. These Broad Economic Categories split trade into Primary and Processed products and, for instance, into Consumption and Capital goods. BEC will be available for the years 1988 and later. For more details on BEC see the UN Classification Registry.</p> <p>created at 6/20/2005 4:37:02 PM</p>
<p>The release of ECLAC "Sistema Interactivo Gráfico de Datos de Comercio Internacional"</p> <p>We are pleased to announce the "Sistema Interactivo Gráfico de Datos de Comercio Internacional" (SIGCI) from ECLAC.</p> <p>The country and commodity groups were defined by ECLAC and SIGCI pulls the aggregated data via UN Comtrade Web Service.</p> <p>created at 6/20/2005 9:15:42 AM</p>

Figure 3: other Service Message entries

Clicking the RSS button at the right of the entry displays the same information as fig. 99, but in [RSS](#) format:

```
- <rss version="2.0">
- <channel>
  <title>UN Comtrade Service Message</title>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx</link>
  <description>RSS Feed of any kind of messages: announcements, service updates, FAQs, etc</description>
  <language>en-us</language>
- <item>
  <title>New/updated data sets: 112 data sets were uploaded.</title>
  <description>112 data sets were uploaded on 11 Jan 2006.<br><br><a href='http://unstats.un.org/unsd/comtrade/mr/daYearsNewResults.aspx?date=11 Jan 2006 '>Click here to go to Data Availability by Date of Loading.</a></description>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx?rowID=90</link>
  <pubDate>1/11/2006 11:00:01 PM</pubDate>
  <guid isPermaLink="true">http://unstats.un.org/unsd/comtrade?rowID=90</guid>
</item>
- <item>
  <title>New/updated data sets: 141 data sets were uploaded.</title>
  <description>141 data sets were uploaded on 10 Jan 2006.<br><br><a href='http://unstats.un.org/unsd/comtrade/mr/daYearsNewResults.aspx?date=10 Jan 2006 '>Click here to go to Data Availability by Date of Loading.</a></description>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx?rowID=89</link>
  <pubDate>1/10/2006 11:00:01 PM</pubDate>
  <guid isPermaLink="true">http://unstats.un.org/unsd/comtrade?rowID=89</guid>
</item>
```

Figure 4: Service Message display – RSS format (partial view)

1.1.2. Comtrade SDMX

This is just a link to an explanatory text about the SDMX format and capabilities, with links to related sites and capabilities to download SDMX keys.

The *Data Transfer Mechanism* document gives a few details about SDMX and its usage by the Joint System Application.

1.1.3. Comtrade RSS

RSS stands for 'Rich Site Summary'. It is a new, XML-format way to publish information on line. This label has already been met beside some of the Joint System Application links; see for instance [fig. 1.](#), a global view of the main interface. [Registered](#) Users can get Upload news via RSS.

Clicking this entry loads introductory pages to RSS with definitions, links to related sites and links to published papers.

1.1.4. Comtrade Features

This function provides a valuable global introduction to the Joint System Application.

Clicking this link displays the following multi-tab form:

Comtrade Features

Data

Access

Favorites

User Preferences

Data Selection

Data Availability

- Data availability

Availability of data depends on in what classification and when comtrade data are reported by countries. Comtrade have all reported data in their original classification and converted data (from original one) to all possible classifications. For example: Country X reported 1997 data in HS88, thus comtrade will stored X's 1997 data in HS88, SITC.3, SITC.2 and SITC.1. Go to [here](#) to view loaded data.

- Data Download

Comtrade guest couldn't download. However, **registered user** could download data in text file (using CSV format). User could also be assigned the maximum number of records that can be downloaded. The site licenses users will have unlimited number of records for downloading.

User can download in two ways: **direct mode** or **batch mode**. The direct mode gives the data immediately but only suitable for a simple and small query (no groups and less than 150 thousands records). More complex query and huge data download needs to use batch mode (unattended download, the link to the compressed result file will be sent via email)

Maximum records shown in [Account Info](#) page:

- You have so far downloaded **6** records and given your maximum of 500,000 records, you could still download **499,994** records.

- Data Pricing

Please go to [Subscription Prices](#). We also keep track of download data in [Data Download History](#) page.

Data download history

- Number of downloads: 1 times.
- You have so far downloaded **6** records and given your maximum could still download **499,994** records.

Log Time	Downloaded Records
9/19/2002 2:34:00 PM	6

- Data Restriction

Comtrade is capable for enforcing data restriction for certain users. For examples: User X is assigned **Trade With US Only**. See screen snapshot below:

- Your latest recorded data query was on 10/22/2002 10:57:16 AM.
- Your access has been restricted to **Trade with US Only**.

Thus, user X could only view trade data that has US as reporter or US as partner. If X wants to see trade between France and Sweden, he will get nothing. This restriction could be defined in any possible combinations of commodities, reporters, partners, years, trade flows, filtering by trade value, etc

By default, all public users get the "Normal View" restriction. This view lets access to all comtrade data except the data reported by Taiwan, Province of China due to political reasons. However, at the trading partner side, Taiwan is included in partner "Asia Other, not elsewhere specified" (Code 490).

Figure 5: Comtrade Features – Data tab

Users should have a look at each tab.

1.1.5. Help Index

The Help Index page is reproduced below:

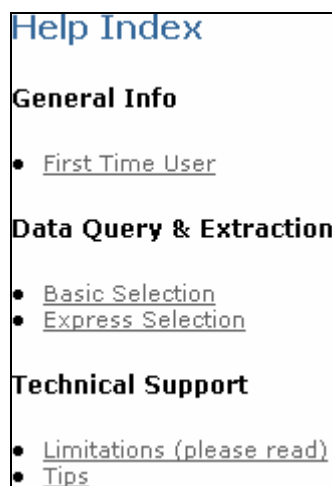


Figure 6: Help Index menu in the main interface

(Continued on the next page)

- **First Time User** is an introduction to Comtrade and provides beginners with useful query scenarios. The First Time User page is reproduced below:

How to use the UN Comtrade web site?

Depending on what you are looking for and your knowledge/experience of the UN Comtrade system, the web site offers a flexibility of finding the trade data that you need. Consider the scenarios below:

When you are totally new to the comtrade system, start with ...

[Comtrade Explorer](#). The only thing, you need to enter is "search term". It could be the name of the countries, the countries abbreviations, a commodity key word or a year. Examples: "aircraft" or "aircraft engine"

OR

Quick Search (available in all pages). Quick Search was designed to provide a connection to any information in UN Comtrade system, including glossary or help pages. Tries to type "help" or "glossary" or "Niger" or "shoe", the Quick Search will even give you the results after you type a first character.

When you want to know the data availability of the certain countries reporters or commodities or years, start with ...

1. Basic Data Availability, choose either: [reporters](#), [commodities](#) or [years](#) sub menu.
2. Interactive or Graphical Data Availability, choose either: [Interactive](#) or [InGraph](#)
3. Data Availability with loading date information, choose [by Date of Loading](#)

When you want to know the description of certain commodities or countries, or list of all commodities or countries, start with ...

1. Metadata and Reference menu, choose either: [Country List](#) or [Commodity List](#) sub menu

When you know what you are looking for (ex: Indonesia's Import of "rice" in the year 2000), but you are not familiar with the codes (UN code of Indonesia is 360), start with ...

1. [Basic Selection](#)
2. [Shortcut Query](#)

When you know what you are looking for, and you are quite familiar with the codes, start with ...

1. [Express Selection](#)

When you want to know about UN Comtrade Glossary, start with ...

1. [Glossary](#)

Advanced Features: My Comtrade

UN Comtrade Web Site offers several features for personalization. User could save the query (we called it Saved Queries), save individual items as favorites, such as commodity favorites, reporter favorites, partner favorites and year favorites. Even user could define their own country groups (which combined several reporters) or commodity groups. We also defined the global country groups, so a user could just "attach" to favorites it and use it later in Basic Selection or Express Selection.

User could customize his/her FrontPage and Download Format, or even he/she could submit a query into a batch (and an e-mail notification will be sent, after the completion). With this, user could avoid having a "Time out" message and have a "powerful" research tools.

For a detail explanation of UN Comtrade Features, [click here](#) or see UN Comtrade Presentation (above).

Figure 7: query scenarios in Help menu (partial view)

The 'First Time User' link is also present on the top right part of the main [interface](#) (fig. 1):



Figure 8: Direct access to First Time User Help

- *Basic Selection* and *Express Selection* introduce the already discussed query processors.
- *Limitations* defines the already mentioned Comtrade limits and requirements.
- *Tips* provides the User with the usual –and useful– advice. The Tips page is reproduced below:

Tips

Here are the tips for using Comtrade application effectively:

- **Define favorites:** It's advisable to define your favorites first. It will save you some time later.
- **Find your way:** To arrive to same results, you could use different ways. Use one that you think the most efficient.
- **Specify more in Text Search:** To decrease number of results, use more than one keyword and use the "AND". Instead of saying only "hair", specify more with "human hair" or "human AND hair"
- **Text Search:** The text search could search more than just a text, you could enter ISO code for countries or just commodity codes.
- **Follow the steps:** In almost of the pages, we included the steps which you should followed.
- **Set your download format:** It could probably save download time and reduce file size.

Figure 9: Tips form in Help menu

1.1.6. Questions and Answers

This page contains the usual FAQ sequence and their answers. A part of it is included below:

Question and Answer

Q What is IP Users Personalization and how to use it?

A With IP Users Personalization, an IP User, identified by the organization IP Addresses, will be able to use all the personalization features such as customize the download format, save the query or create the favorites. IP users will be allowed to submit a batch that will help them to download a huge data (up to 20 million records / batch request) and to analyse the large data with custom groupings (otherwise timeout message will be given). The user will be able to use all the features under "My Comtrade" menu.

Here are the necessary steps (IP user is identified by his/her email address):

1. Go to <http://unstats.un.org/unsd/comtrade/>
2. In "Comtrade Access" title (middle right screen), there should be a text that says : "In order to use the personalization features, please type your email address at Account Info"
3. Click the Account info link or go to <http://unstats.un.org/unsd/comtrade/u/uAccountInfo.aspx>
4. Type your email address. This email address serves as a unique identifier within organization. The result of batch submission will be sent to this email address.
5. click Update.

Q How to gain a full access to Comtrade database?

A You could subscribe to become a registered user and to have a full access to comtrade features. Unregistered users could use **guest** account to login (with many restrictions).

Q What about Comtrade Coverage?

A Every year between 120 to 140 countries or areas report their merchandise trade statistics to the United Nations. The market share of these reporting countries together covers more than 90% and maybe even as much as 95% of World trade.

Each of these countries report the trade by commodity and trading partner. The trading partners may cover around 230 different countries or areas, excluding regional NES (not elsewhere specified) areas.

Figure 10: frequently asked questions and their answers (partial view) – some may be outdated

1.1.7. Contact Us

Comtrade Users can send their feedback (issues, suggestions...) to UNSD developers and administrators through the following form:

Feedback

Please leave your feedback in this form or you could email us at comtrade@un.org. Please kindly check [Question and Answer section](#) before leaving a feedback.

You have to make sure that your browser supports Cookies, JavaScript, and JavaApplets to use the comtrade web application. Please view your browser capabilities below:

Type = IE6
Name = IE
Version = 6.0
Platform = Win2000
Supports Cookies = True
Supports JavaScript = True
Supports Java Applets = True

Step 1. Write your Name (optional)

Step 2. Write your Organization (optional)

Step 3. Write your Email address

Step 4. Select feedback category

Subscription Info

Step 5. Write your feedback

Continue >>

Figure 11: feedback form

Fields 3 to 5 are required.

The Feedback category can be selected from a combo:

Step 4. Select feedback category

Subscription Info

Bug Report

General Request

Question

Subscription Info

Subscription Request

Suggestion

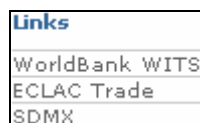
Undefined

Figure 12: Feedback category selection

Clicking Continue sends the form to the people concerned.

1.2. Links

Connections to related sites are possible through the Links menu:



Links
WorldBank WITS
ECLAC Trade
SDMX

Figure 13: links to related sites

[ECLAC](#) and [SDMX](#) have already been mentioned in the Support section.

WITS is an economic data compilation Comtrade is part of, as illustrated below:



The **World Integrated Trade Solution** (WITS) is a software developed by the World Bank, in close collaboration with the United Nations Conference on Trade and Development (UNCTAD).

WITS gives you access to the major trade and tariffs data compilations :

- The **COMTRADE** database maintained by the UNSD;
- The **TRAINS** maintained by the UNCTAD;
- The **IDB** and **CTS** databases maintained by the WTO.

Figure 14: WITS home page (partial view)



UNSD - OECD Joint System



Web Browser Client - UN Comtrade Version User Manual

Ref: WBC_MUT001CEn.doc

UPDATE FORM						
Name and Version number	Sent	By	Signed	Approved	By	Signed
MUT001C	1 Feb 06	OECD/STD				
DISTRIBUTION Ronald Jansen Markie Muryawan Andreas Lindner Trevor Fletcher Gregory Legoff Sandrine Phelipot Valérie Thielemans Henri Kayali	UN UN OECD OECD OECD OECD OECD Info ³					
VERSION	DATE	OPERATION SPECIFICS				
A	19 Oct 05	Creation of the document				
B	24 Nov 2005	Section 3. added				
C	1 Feb 2006	Cover page and Introduction edited				

TABLE OF CONTENTS

1. INTRODUCTION.....	1
1.1. WHAT IS MEANT BY "JOINT SYSTEM"?	1
1.2. ABOUT THIS DOCUMENT	2
1.3. PREREQUISITES	2
1.4. ASSOCIATED DOCUMENTS.....	2
2. THE MAIN INTERFACE (GUEST USER).....	3
2.1. HOME PAGE	3
2.2. DATA QUERY & EXTRACTION.....	4
2.2.1. Quick Search	4
2.2.2. Shortcut Query	11
2.2.2.1. Outline and Examples.....	11
2.2.2.2. Modify Selection	15
2.2.2.3. View Graph.....	16
2.2.2.4. Printable Format	16
2.2.2.5. View Explanatory Notes	17
2.2.2.6. SDMX Download	18
2.2.2.7. View Not Available Data	20
2.2.3. Basic Selection.....	21
2.2.3.1. Outline.....	21
2.2.3.2. Commodities	22
2.2.3.3. Reporters.....	29
2.2.3.4. Partners	30
2.2.3.5. Years.....	31
2.2.3.6. Others	33
2.2.3.7. A Useful Capability: the Intra Trade Query	34
2.2.4. Comtrade Explorer.....	35
2.2.4.1. Outline and Examples.....	35
2.2.4.2. Snapshot	36
2.2.4.3. Data Availability	39
2.2.5. Express Selection	40
2.3. DATA AVAILABILITY.....	44
2.3.1. Interactive.....	44
2.3.2. In Graph.....	46
2.3.3. Reporters.....	48
2.3.4. Commodities.....	49
2.3.5. Year.....	52
2.3.6. By Date of Loading	53
2.4. METADATA & REFERENCE	54
2.4.1. Commodity List.....	54
2.4.2. Country List.....	55
2.4.3. Explanatory Notes.....	58
2.4.4. Glossary	59
2.5. SUBSCRIPTION	60
2.5.1. "Why Subscribing?".....	60
2.5.2. Subscription Prices	61
2.5.3. Order Form.....	62
2.6. SUPPORT	63
2.6.1. Service Message.....	63
2.6.2. Comtrade SDMX.....	64
2.6.3. Comtrade RSS	64
2.6.4. Comtrade Features.....	65
2.6.5. Help Index.....	66
2.6.6. Questions and Answers.....	68
2.6.7. Contact Us.....	69
2.7. LINKS	70

3. THE MAIN INTERFACE (REGISTERED USER).....	71
3.1. OVERVIEW	71
3.2. THE TWO AUTHENTICATION MODES.....	72
3.3. USER ID – PASSWORD AUTHENTICATION (INDIVIDUAL LICENSE).....	72
3.3.1. Connection – Home Page.....	72
3.3.2. 'My Comtrade' Menu.....	74
3.3.2.1. Account Info	74
3.3.2.2. Favorites – Commodities	75
3.3.2.3. Favorites – Reporters/Partners/Year	81
3.3.2.4. Favorites – Country Groups / Commodity Groups	82
3.3.2.5. Predefined Favorites.....	84
3.3.2.6. Download History	84
3.3.2.7. Saved Queries	85
3.3.2.8. Customize FrontPage	86
3.3.2.9. Customize Download Format	88
3.3.2.10. Batch Monitor.....	88
3.3.3. Additional Capabilities.....	90
3.3.3.1. Reminder	90
3.3.3.2. Direct Downloading	91
3.3.3.3. Query Saving	94
3.3.3.4. Batch Submission.....	99
3.4. IP ADDRESS AUTHENTICATION (SITE LICENSE).....	102
3.4.1. Connection – Home Page.....	102
3.4.2. Access Rights.....	103
3.4.2.1. Institutional Users.....	103
3.4.2.2. Individually Registered Users	103
3.4.2.3. Sub Users (link)	103
3.4.2.4. To Sum it up.....	103
3.4.3. Master Users.....	103
3.4.3.1. Definition.....	103
3.4.3.2. Creating Sub Users.....	104
3.4.3.3. Sub Users Properties.....	105
APPENDIX: USER TYPES AND ASSOCIATED RIGHTS – SUMMARY.....	106
FIGURES	107

1. Introduction

1.1. What is meant by “Joint System”?

Since 2000, UNSD¹ and OECD² have joined forces to reduce the response burden for national data providers in the field of merchandise trade statistics and to agree on one unique and transparent set of data instead of having parallel (and often not harmonized) data collections. This considerable amount of very detailed investigation has led to the signing of an UNSD/OECD Memorandum of Understanding in January 2001 and further extensions, where UNSD and OECD jointly developed

- (i) an agreement on data collection and data sharing
- (ii) common trade data processing standards, and
- (iii) computer applications for use in processing of trade data.

This set of agreements, standards and applications is referenced by both organizations as:

UN–OECD Joint Trade Data Collection and Processing System (Joint System)

Both organizations agreed to use the above name in any documents describing their cooperative activities. It is also to be used when referring to the respective databases.

The Joint System is the foundation of the trade databases maintained by both organizations. Both organizations continue to keep separate (institutionally and legally) trade databases to ensure rights and ability of each organization to pursue their own policies with regard to

- (i) storing various data in addition to those agreed in Joint System [e.g., historical data, memorandum items, derived data etc],
- (ii) developing additional analytical and presentational functionalities and controlling user access to them,
- (iii) dissemination practices including pricing of user access to the database services, entering into contracts with users, etc.

Each organization maintains its own brand name for use in data dissemination activities. The names of those databases are:

- For UNSD: **UN Comtrade³**
- For OECD: **OECD ITCS⁴ Database**

To ensure user awareness of the joint efforts of both organizations in the area of international merchandise trade statistics, both organizations agreed to make data responsibility very clear.

Consequently, the UN Comtrade disclaimer contains the following statement:

“Beginning 2005, trade data of OECD member countries are compiled by OECD in accordance with UN-OECD Common Trade Data Processing Standards and are available in UN Comtrade in accordance with UN/OECD Data Sharing Agreement. Any deviation from this practice is reflected in the country/period metadata.”

Similarly, the OECD trade database disclaimer contains the following statement:

“The trade data for the selected non-OECD member countries are compiled by UNSD in accordance with UN/OECD Common Trade Data Processing Standards and are available in OECD ITCS Database in accordance with UN-OECD Data Sharing Agreement. Any deviation from this practice is reflected in the country/period metadata.”

¹ United Nations Statistics Division

² Organization for Economic Co-operation and Development

³ Commodity Trade Statistics Database

⁴ International Trade by Commodity Statistics

1.2. About this Document

Two versions of this Manual are available: The UNSD version and the OECD version.

This Manual is the **UNSD version** and deals with the data retrieving/displaying interfaces of the Application. These interfaces can be used by connecting to a specific UN Web site, hence the name of the corresponding application module: *Web Browser Client*. The **OECD version** is largely identical, with the exception of organization-specific particularities, such as captions, URLs, etc.

The following points should be noted:

1. In the rest of this document, the UNSD **Comtrade** application interfaces are used for screen captures and examples. We will indiscriminately use the denominations 'Comtrade' or 'Joint System' to reference the Web Browser Client application. In other documents, such as the *Database Administrator Client* Manual, Comtrade Reporting Application is the denomination used.
2. When running the Application, the User has a general Help index at their disposal. In addition:
 - most of the interfaces include a Help link which provides a contextual on-line Help;
 - most of the objects (charts, buttons, values displayed...) in each interface display a 'tool tip' text when pointed to by the mouse cursor.
3. Although it includes a detailed table of contents and a figure index, this document is more an in-depth introductory manual than a practical guide. It can also be used as a training support during training sessions.
4. Pictures in this Manual include detailed comments in callouts or in their captions. These comments contribute to trimming down the text and making it clearer. This layout is generally appreciated by non-expert readers.

1.3. Prerequisites

Joint System Web Browser Client workstations should be equipped with:

- MS Windows operating system version 2000 or higher;
- MS Internet Explorer version 6 or higher
(other browsers can be used; they must support cookies, JavaScript and Java applets);
- An Internet connection to the server that hosts the Joint System Application
(the current UNSD Comtrade URL is <http://unstats.un.org/unsd/comtrade/>).

1.4. Associated Documents

The UNSD – OECD Joint System package also includes the following documents:

- Data Capture / Data Processing Manual
- Data Transfer Mechanism Specification Manual
- Database Administrator Client Manual
- Database Dissemination Model Guide

2. The Main Interface (Guest User)

A Comtrade Guest User isn't registered in the Joint System administration, nor is the IP address they use to connect to the Application server⁵. Anyone with the proper equipment (see [above](#)) can get connected to the UNSD Comtrade application and become a Guest User.

Guests can use most of Comtrade capabilities, while Registered Users have unrestricted access to all of them. [Section 3.](#) of this document deals with Registered Users, either individual or belonging to a registered site.

2.1. Home Page

Connecting to the UNSD Joint System site, without any User ID or password, brings the *Guest Welcome / Main Interface* to life:

UN Comtrade Database (UN Comtrade)

Shortcut Query

Show **Export** of **Type commodity text here** in the year **recent years**
 from **Uganda** to **World**
 in **any** classification. **Search**

Trade in Graph

Cambodia (Import): Industrial supplies nes, processed [BEC code 22] from Luxembourg

in thousands US\$

Trade Quantity Trade Value

(details), graph more...

Data Availability
 Industrial supplies nes, processed [BEC code 22] reported by 172 countries between 1998-2004 with 191625 records. (details)

First Time User

Please visit [this page](#) first!

What's New [RSS](#)

[2005.10.07] New/updated data sets: 6 data sets were uploaded. [more...](#)

Comtrade Access

Welcome to UN Comtrade! You are login as **Comtrade Guest**.

Login as individual user:

User Name
 Password
☒ Remember me
Login

Forget your password? Just type your e-mail below:
 Recover

Subscribe to Comtrade Database Access [more...](#)

List of links

Example of query and corresponding results

⁵ In fact, guest Users are registered in Comtrade as Users with IP address 0.0.0.0. and restricted rights.

Figure 1: Joint System main interface – connection as Guest – Shortcut Query and In Graph functions exemplified

The left part of the Main interface is a list of *function links* that allow Users to select the query processor, define reference data, subscribe to extended services, get technical support and link to related Websites. This document will describe and exemplify all of these function links.

Query links share in fact the interfaces of only [four selection/display processors](#); this is why parts of the text in this document often refer –via Word links– to *other sections* where interfaces have already been discussed or introduced.

Notes:

1. Free access as a Guest User to the database and search engines is restricted: for instance, up to 1,000 records SDMX-downloaded per day and no direct data downloading capability. This type of access is used in this section. Extended service, with full capabilities, is available for an annual fee. See the [Subscription](#) and [Registered User](#) sections for more details.
2. As already mentioned, most of the interface objects and some labels display a ‘tool tip’ text when pointed to by the mouse cursor –see for instance [fig. 5](#).
3. The “Example of query and corresponding results” area in [fig. 1](#) depends on the User’s settings – namely the ‘Customize Front Page’ parameters. It may be empty. Only a [Registered User](#) can access the setting options.

2.2. Data Query & Extraction

Several functions provide the User with commodity-related results once selection parameters (commodity, country, year...) are set. The data query functions are activated through the links below:

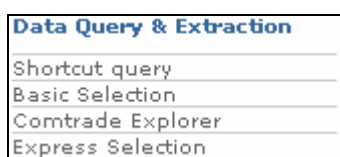


Figure 2: Data Query & Extraction links

2.2.1. Quick Search

Although not in the Data Query & Extraction group, the Quick Search processor makes it possible to retrieve data according to pre-defined reporter countries that can be selected from a list:



Figure 3: Quick Search entries for first letter F

A subset of the Quick Search list is displayed as soon as a letter is typed. Extra letters refine the selection, like in the example below:



Figure 4: two-letter selection from the Quick Search list

Once an entry is selected, clicking Go shows the associated information, like in the example below:

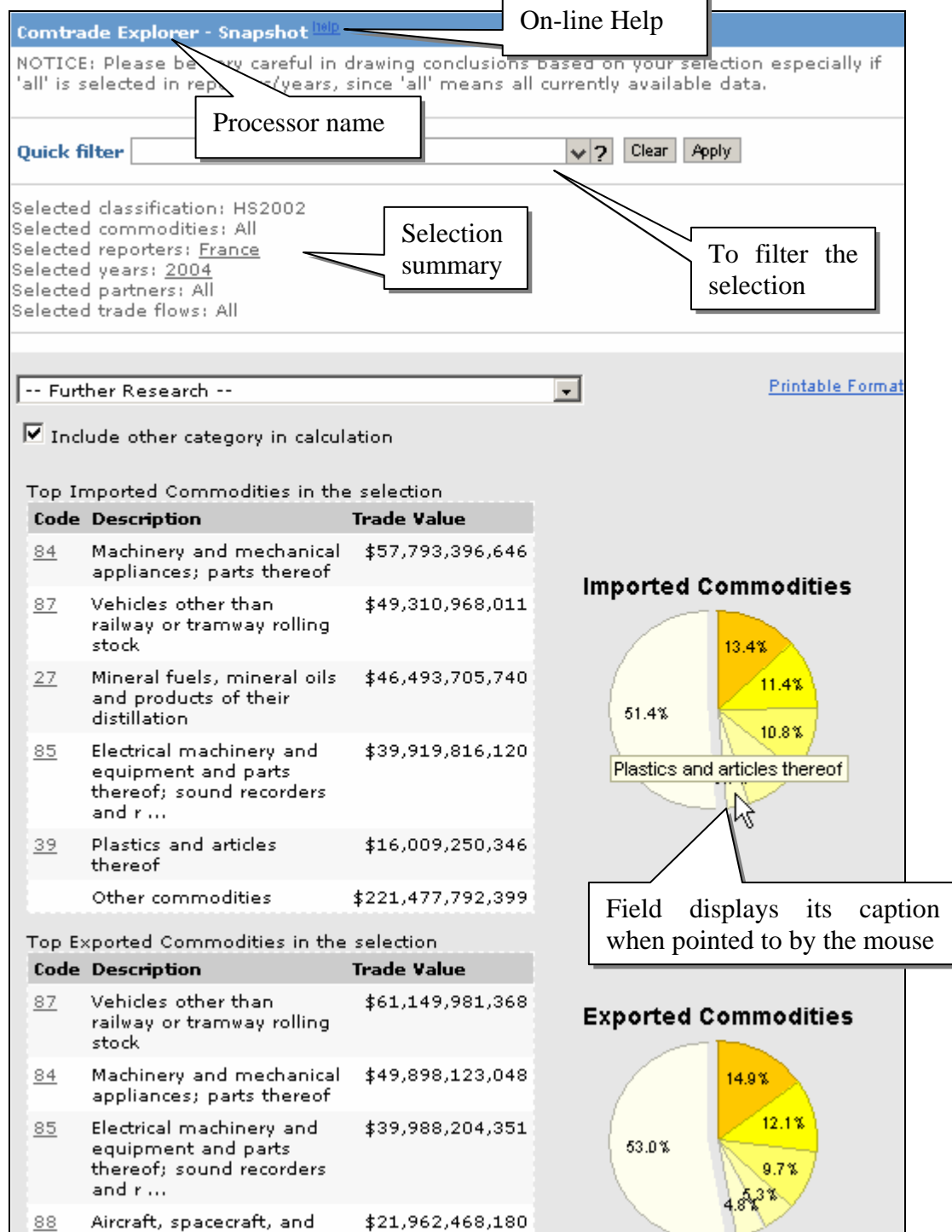


Figure 5: results of a Quick Search for France (upper part)

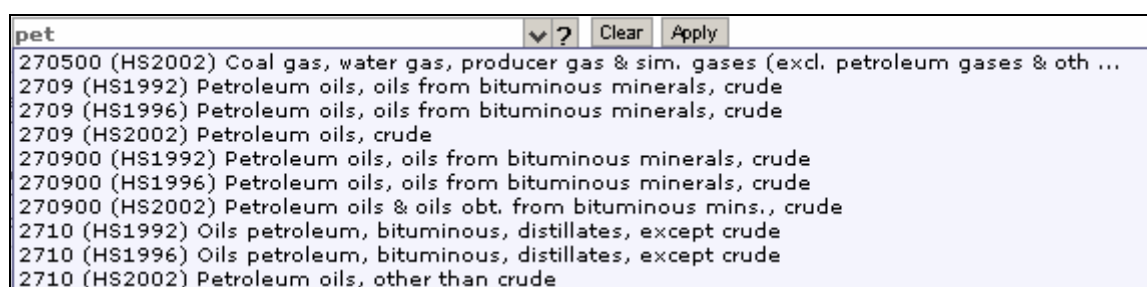
We won't reproduce the whole report here. Other pie charts show the six top import / top export partners, with the corresponding commodity descriptions and trade values. The query processor used, [Comtrade Explorer](#), is fully described in its own section.

Notes:

1. The Query Processor name, Comtrade Explorer, appears at the top left of the form. The functions described in section 2.2 are in fact links to a small number of *common query processors*:
 - Shortcut Query
 - Comtrade Explorer
 - Basic Query
 - Express Selection

These four processors can be directly accessed from the Data Query & Selection links and each of them has its own section in this document. Refer to the [Table of Contents](#).

2. An empty filter field means that *no filtering* takes place: the whole data set is selected. This is true all over this document.
3. The Classification field defines the international codes that represent commodity descriptions. This point is [discussed](#) later.
4. The Quick Filter combo makes it possible to filter the selection by selecting an extra criterion that relates to partner country, year or commodity:



pet

270500 (HS2002)	Coal gas, water gas, producer gas & sim. gases (excl. petroleum gases & oth ...
2709 (HS1992)	Petroleum oils, oils from bituminous minerals, crude
2709 (HS1996)	Petroleum oils, oils from bituminous minerals, crude
2709 (HS2002)	Petroleum oils, crude
270900 (HS1992)	Petroleum oils, oils from bituminous minerals, crude
270900 (HS1996)	Petroleum oils, oils from bituminous minerals, crude
270900 (HS2002)	Petroleum oils & oils obt. from bituminous mins., crude
2710 (HS1992)	Oils petroleum, bituminous, distillates, except crude
2710 (HS1996)	Oils petroleum, bituminous, distillates, except crude
2710 (HS2002)	Petroleum oils, other than crude

Figure 6: Extra selection by commodity (first three letters are 'pet')

(Continued on the next page)

Selecting the first entry in the list above and clicking Apply produces the following report:

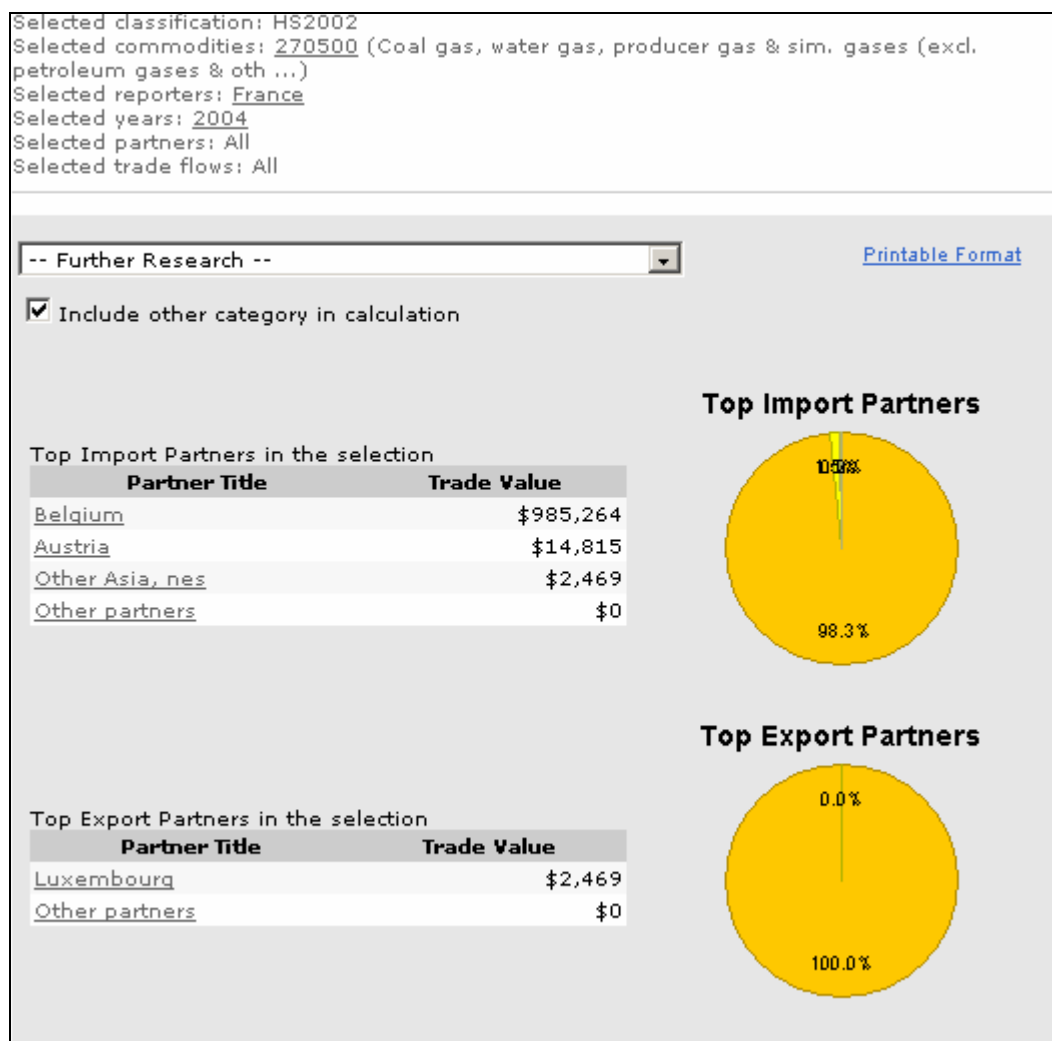


Figure 7: results of selection by country (France) and commodity (gases except from petroleum)

Finally, the Further Research combo allows Users to change the selection criteria without returning to the original interface. For instance, we can select other reporting countries:

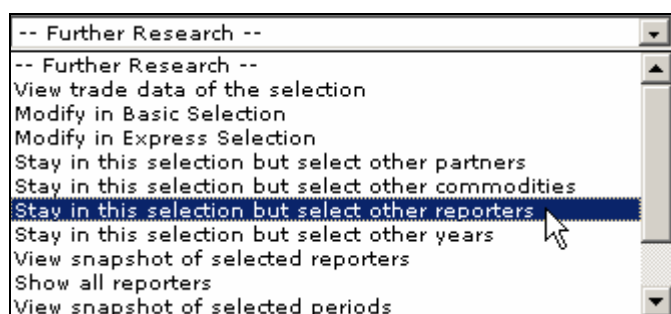


Figure 8: changing selection criteria in the Comtrade Explorer report

Asking for other reporting countries brings up the following interface (used, with some variations, by the Lookup link):

Select Reporters

Step 1. Select Source

Reporters List

Step 2. Select Items

Select and double click

Selected Items

France

Items

Iraq
Ireland
Israel
Italy
Jamaica
Japan
Jordan

Add Remove Remove All

Continue >>

List of currently selected countries

List management buttons

Figure 9: country selection interface

We can add Japan to the country selection by selecting the Japan entry and clicking Add; we finally get:

Select Reporters

Step 1. Select Source

Reporters List

Step 2. Select Items

Select and double click

Selected Items

France
Japan

Items

Iraq
Ireland
Israel
Italy
Jamaica
Japan
Jordan

Add Remove Remove All

Continue >>

Figure 10: adding a country to the current selection

(Continued on the next page)

Clicking Continue brings up the new report:

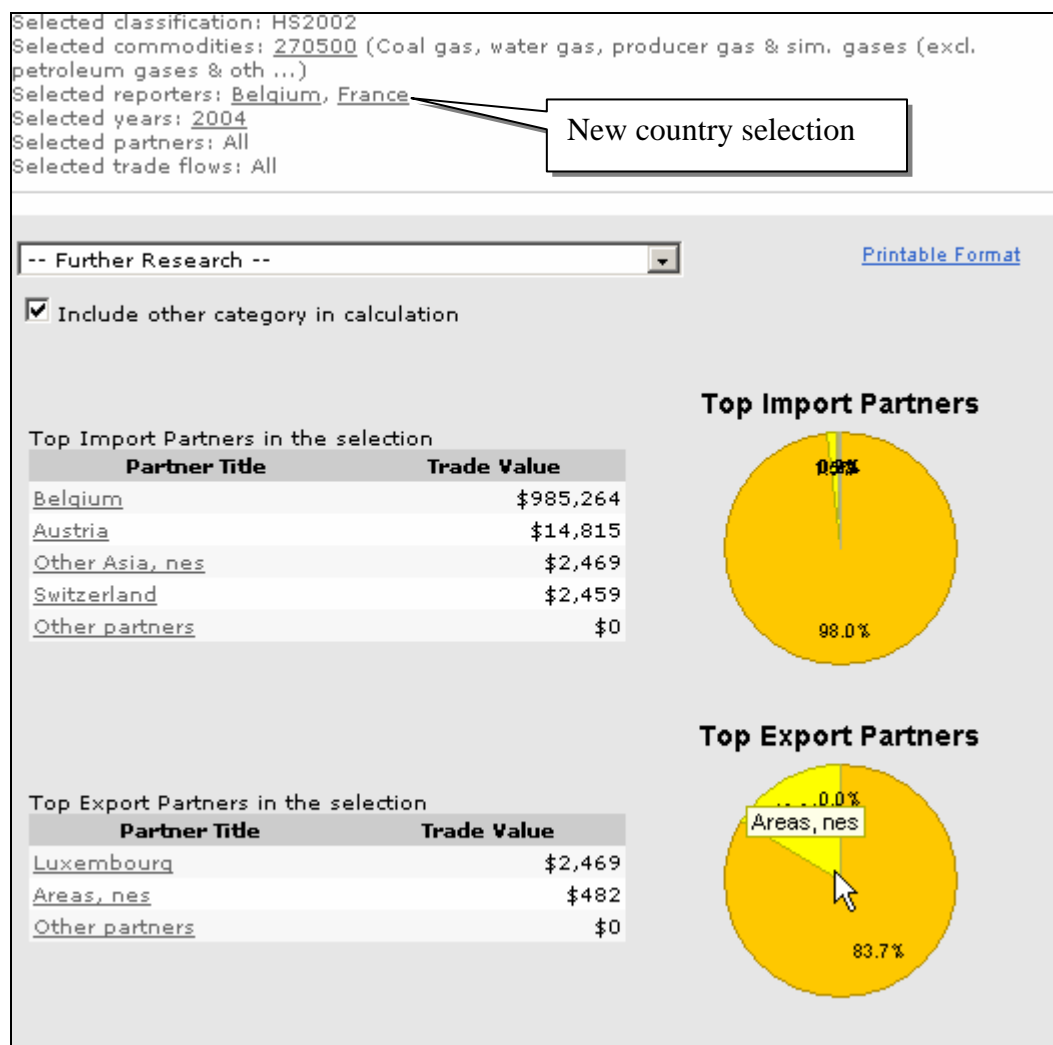


Figure 11: new selection (two countries) report

2.2.2. Shortcut Query

2.2.2.1. Outline and Examples

Selecting Shortcut Query displays the following filter interface –already populated in the example below:

Figure 12: Shortcut Query selection interface – here: cars exported from Japan in 2004

Clicking Search displays the following summarized results:

20 results of **cars** are found in HS2002.

Search Results	Selected Year
<input type="checkbox"/> New pneumatic tyres, of rubber, of a kind used on motor cars (incl. station ... (HS2002 - 401110)	2004
<input type="checkbox"/> Retreaded pneumatic tyres of rubber, of a kind used on motor cars (incl. st ... (HS2002 - 401211)	2004
<input type="checkbox"/> Inner tubes, of rubber, of a kind used on motor cars (incl. station wagons ... (HS2002 - 401310)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610110)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610120)	2004
<input type="checkbox"/> Men's/boys' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jackets ... (HS2002 - 610130)	2004
<input type="checkbox"/> Women's or girls' overcoats, car-coats, capes, cloaks, anoraks (HS2002 - 6102)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610210)	2004
<input type="checkbox"/> Women's/girls' overcoats, car-coats, capes, cloaks, anoraks (incl. ski-jack ... (HS2002 - 610290)	2004
<input type="checkbox"/> Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input type="checkbox"/> Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004
<input type="checkbox"/> Motorcycles (including mopeds) and cycles fitted with an auxiliary motor (HS2002 - 8711)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871110)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871120)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004
<input type="checkbox"/> Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871150)	2004
<input type="checkbox"/> Side cars for motorcycles (HS2002 - 871190)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (HS2002 - 9501)	2004
<input type="checkbox"/> Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ... (HS2002 - 950100)	2004

View Trade Data

Commodity code in the classification

Figure 13: search results for the selected data

Note: the date contained in some commodity classification codes isn't related to the selected statistics year(s). It is the date the classification was defined or revised. UNSD and OECD mostly receive data according to the last HS version. Data is then converted into older HS and SITC versions as well as into BEC.

In the example above, HS2002 is used. HS stands for 'Harmonized System', 2002 means that this classification has been in use since 2002. Another classification is SITC rev. 3 (Standard International Trade Classification revision 3). All the classifications are based on commodity features (kind, production stage, primary material of not, durable or not, etc). The default classification in Comtrade is HS2002. See the Comtrade [Glossary](#) entry later in this document.

If a commodity isn't found in a classification, Shortcut Query searches other classifications for it.

In [fig. 13](#), we notice that commodity codes are in fact links; what we get when clicking them is illustrated below:

<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871130)	2004
<input type="checkbox"/>	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... (HS2002 - 871140)	2004

Figure 14: direct selection of an item by clicking its code (here, 871130)

The following form is displayed:

Commodity List

Total Commodities defined : 4

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☐ HS1996
 ☒ HS2002
 ☐ BEC

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>87</u>	Name: Vehicles other than railway or tramway rolling stock Description: Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	Data Availability Snapshot
<u>8711</u>	Name: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor Description: Motorcycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; side-cars.	Data Availability Snapshot
<u>871130</u>	Name: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... Description: Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/without side-cars, with recip. int. comb. piston engine of a cyl. cap. >250cc but not >500cc	Data Availability Snapshot

List of classification codes

Extra links

Figure 15: description of the selected commodity and its ancestors

This tree-structured report describes all the commodity classes from the root (ALL COMMODITIES) to the selected item. Again, the item codes can be selected to get more specific information.

The Snapshot link leads to the already met Comtrade Explorer –Snapshot. Refer to [fig. 5](#) for an example of such a snapshot, and to the [Comtrade Explorer](#) section for a thorough description of the processor.

(Continued on the next page)

Clicking a Data Availability link displays the commodity statistics availability by country and by year:

Search Results: General Data Availability		
Total Available Commodities : 1 for commodity codes: 871130(HS2002)		
Code	Name	Data Availability
871130	Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ... View Description View Snapshot	2002 - 2004 116 countries with 6159 records reported.
1		
Search Results: Detail Data Availability		
Total Reported Reporters : 117 for commodity codes: 871130(HS2002)		
Code	Reporter	Years
	-All Reporters-	2002 , 2003 , 2004 , ALL
8	Albania	2003 , 2004 , ALL
12	Algeria	2002 , 2004 , ALL
20	Andorra	2002 , 2003 , 2004 , ALL
660	Anguilla	2002 , 2003 , 2004 , ALL
32	Argentina	2002 , 2003 , 2004 , ALL
51	Armenia	2004 , ALL
36	Australia	2002 , 2003 , 2004 , ALL
40	Austria	2002 , 2003 , 2004 , ALL
31	Azerbaijan	2004 , ALL
48	Bahrain	2002 , 2003 , 2004 , ALL

Figure 16: data availability by year for the selected commodity

Clicking one year in the list leads back to another query processor and shows the trade values:

Basic Query Results: Help								
Statistics: 5 rows returned in 0.25 seconds. Your access has been restricted to Normal View. Please contact us, if you need further information.								
Quick filter <input type="text"/> v? Clear Apply								
Selected classification: HS2002 Selected commodities: 871130 (Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...) Selected reporters: Albania Selected years: 2003 Selected partners: All Selected trade flows: All								
Sort Order --None-- Refresh								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Import	Albania	World	871130	\$14,805	0	5	16
2003	Import	Albania	Italy	871130	\$5,657	0	5	6
2003	Import	Albania	Japan	871130	\$4,960	0	5	4
2003	Import	Albania	Greece	871130	\$3,631	0	5	5
2003	Import	Albania	Switzerland	871130	\$557	0	5	1

Figure 17: data availability - trade details for year 2003

The actions represented by the links above are discussed in this section. Notice the Query processor name: Basic Query. This specific processor is fully described in its own section in this document.

Back to [fig. 13](#), we see that the imprecise commodity definition results in a wide range of retrieved items. We can select some of these items by ticking their checkboxes:

<input checked="" type="checkbox"/>	Motor cars and other motor vehicles principally designed for the transport ... (HS2002 - 8703)	2004
<input checked="" type="checkbox"/>	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... (HS2002 - 870310)	2004

Figure 18: two items selected from the commodity list

Then clicking 'View trade Data' displays detailed information about the selected items through the Basic Query processor:

Basic Query Results: [help](#)
Statistics: 2 rows returned in 0.17 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter ▼ ? Clear Apply

Selected classification: HS2002
Selected commodities: 8703 (Motor cars and other motor vehicles principally designed for the transport ...), 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...)
Selected reporters: [Japan](#)
Selected years: [2004](#)
Selected partners: [World](#)
Selected trade flows: [Export](#)

Sort Order Comm;Year;Rep ;Flow;Ptrn; Refresh

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Japan	World	8703	\$74,822,893,212	0	5	5,210,900
2004	Export	Japan	World	870310	\$130,340,025	0	5	23,149

Figure 19: detailed information on two commodities

The order retrieved entries are displayed can be changed through the Sort Order combo. This combo contains all the criterion combinations that can be used as ordered sort list:

Sort Order Comm;Rep ;Year;Flow;Ptrn; Refresh

Comm;Rep ;Year;Flow;Ptrn;
Comm;Rep ;Flow;Year;Ptrn;
Year;Flow;Rep ;Comm;TradeVal;
Year;Rep ;Flow;Comm;TradeVal;
Flow;Year;Rep ;Comm;TradeVal;
Flow;Rep ;Year;Comm;TradeVal;
Rep ;Year;Flow;Comm;TradeVal;
Rep ;Flow;Year;Comm;TradeVal;
Comm;Year;Flow;Rep ;TradeVal;
Comm;Year;Rep ;Flow;TradeVal;
Comm;Flow;Year;Rep ;TradeVal;

Figure 20: sort order selection

Click Refresh to make the new selection the current selection.

A list of links is present under the Sort Order combo (fig. 19); each of them represents an action. These actions are described in the following level 4 paragraphs.

There are no actions to directly download query results or record queries: this is because the connected User is a Guest. Downloading extracted data as a text file (what we call 'direct download') and saving the definition of a query are reserved to registered Users. What registered Users only can do is described in [section 3](#).

2.2.2.2. Modify Selection

Clicking this link loads the Express Selection interface with the current selection in its fields:

Express Selection [Help](#)

Step 1. Select Classification Processor name

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text
Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

8703,870310 [Save](#) [Lookup](#)

Enter Reporters Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

392 [Save](#) [Lookup](#)

Enter Partners Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

0 [Save](#) [Lookup](#)

Enter Years
Separated by comma. Special code: *All*. Minus sign is not applicable.

2004 [Save](#) [Lookup](#)

Select Trade Flow
Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☐ Import ☒ Export ☐ re-Export

[Submit Query](#) [Go to Comtrade Explorer](#)

Figure 21: getting the Express Selection interface from the Shortcut Query

The User can add selection criteria, modify the existing ones or change the display sort order. The [Express Selection](#) form is fully described in this document.

2.2.2.3. View Graph

Clicking View Graph in the list of actions brings up a pie chart that reflects the current selection:

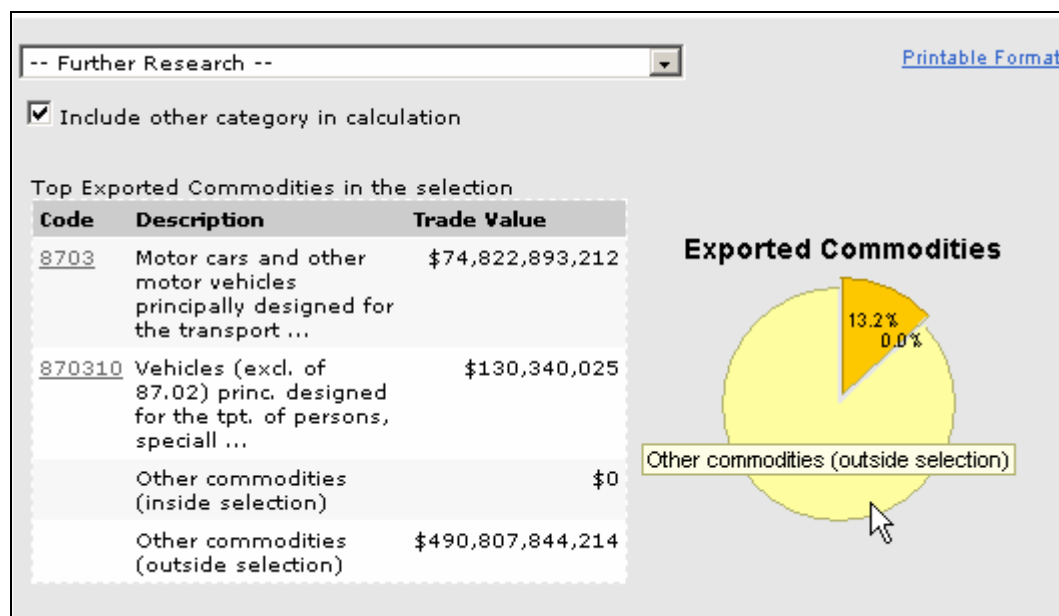


Figure 22: detailed information on two commodities – graphical form

This is the Comtrade Explorer Processor interface we already met in [fig. 5](#); also see Note 1 below this figure. The pie chart shows the two selected items trade values compared to all the other commodities.

Again, a “tooltip” text pops up when moving the mouse cursor over the pie chart.

Back to [fig. 5](#), we notice the already described Quick Filter and Further Research combos.

2.2.2.4. Printable Format

This action simply displays the trade information in [fig. 19](#) using the whole screen width, so as to get a full-page report. Also notice the included commodity labels:

Basic Query Results: [X]								
Period	Trade Flow	Reporter	Partner	Commodity	Trade Value	NetWeight (kg)	Unit	Trade Quantity
2004	Export	Japan	World	Motor cars and other motor vehicles principally designed for the transport ... [HS2002 code 8703]	\$74,822,893,212	0	Number of items	5,210,900
2004	Export	Japan	World	Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ... [HS2002 code 870310]	\$130,340,025	0	Number of items	23,149

Copyright © United Nations, 2005
UNSD Comtrade Database

Figure 23: Printable Format display – may need enlargement

2.2.2.5. View Explanatory Notes

This link displays trade information on a country for a given year (e.g., local currency / USD conversion factor):

Explanatory Note in Detail

Step 1. Select Selection Filter

Reporter: Year:

Step 2. View Search Results

Reporter	Reported Classification	Reported Currency	Trade Flow	Currency Conversion Factor	Trade System	Valuation	Partner
Japan (2004)	HS2002	JPY	Export	0.009249	General	FOB	Last Known Destination

'Free On Board'

Figure 24: notes on Japan for 2004

'All' can be selected from Reporter (country) and Year combos; in this case, the resulting report looks like this:

Albania (2000)	HS1996	LEK	Export	0.006960	General	FOB	Last Known Destination
Albania (2001)	HS1996	LEK	Export	0.006966	General	FOB	Last Known Destination
Albania (2002)	HS1996	LEK	Export	0.007149	General	FOB	Last Known Destination
Albania (2003)	HS2002	LEK	Export	0.008219	General	FOB	Last Known Destination
Albania (2004)	HS2002	LEK	Export	0.009631	General	FOB	Last Known Destination

1 2 3 4 5 6 7 8 9 10 ...

Links to other pages

Figure 25: trade notes for all countries and all years (first page bottom part)

2.2.2.6. SDMX Download

The results of a query can be downloaded to the User's station in SDMX format, provided the User doesn't download more than 1,000 records the same day.

The SDMX format is introduced in the *Data Transfer Mechanism* Manual; it is based on the XML⁶ format and adapted to statistical data description and transfer.

To illustrate this download operation, we can start from the following query results:

Basic Query Results: [help](#)

Statistics: **280** rows returned in **3.98** seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: 871190 (Side cars for motorcycles)
Selected reporters: All
Selected years: All
Selected partners: World
Selected trade flows: Import

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Figure 26: Basic Query results

Clicking 'SDMX Download' brings up the following warning message box:

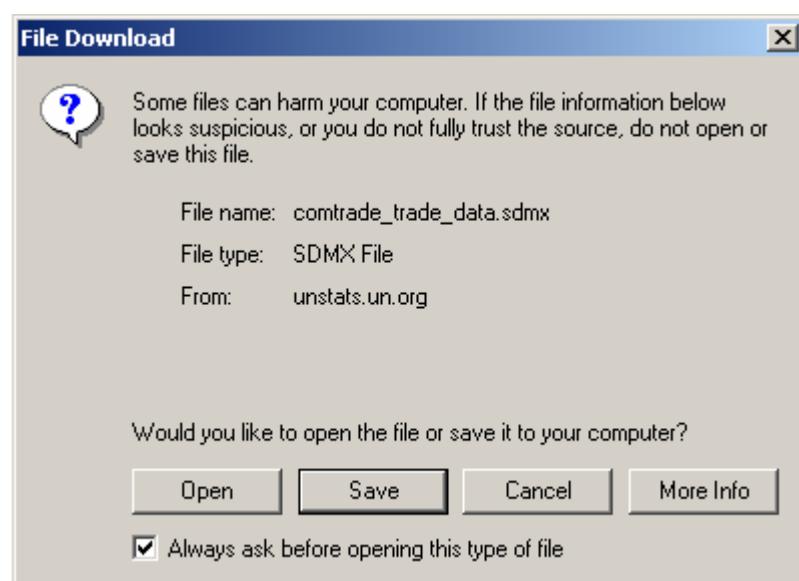


Figure 27: file download warning message

Notice the constant filename. Clicking Save displays the usual 'Save As' interface that allows the User to select the destination file (path and name)

⁶ Extensible Markup Language: a standard for designing and creating HTML documents

Finally, the downloaded file is visible through Windows Explorer:

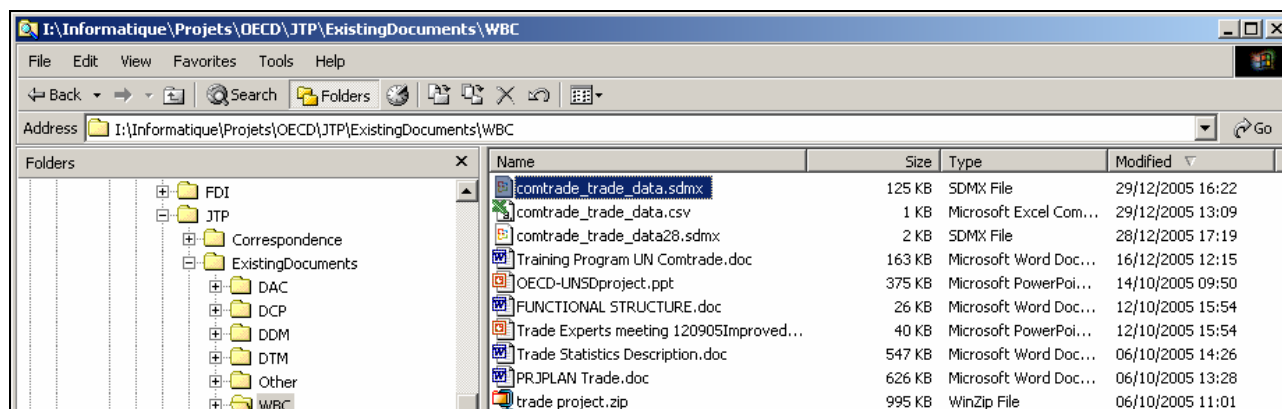


Figure 28: the downloaded SDMX file (highlighted) – the name was left unchanged

As stated before, this file has a XML-like structure; it can be read by Internet Explorer:

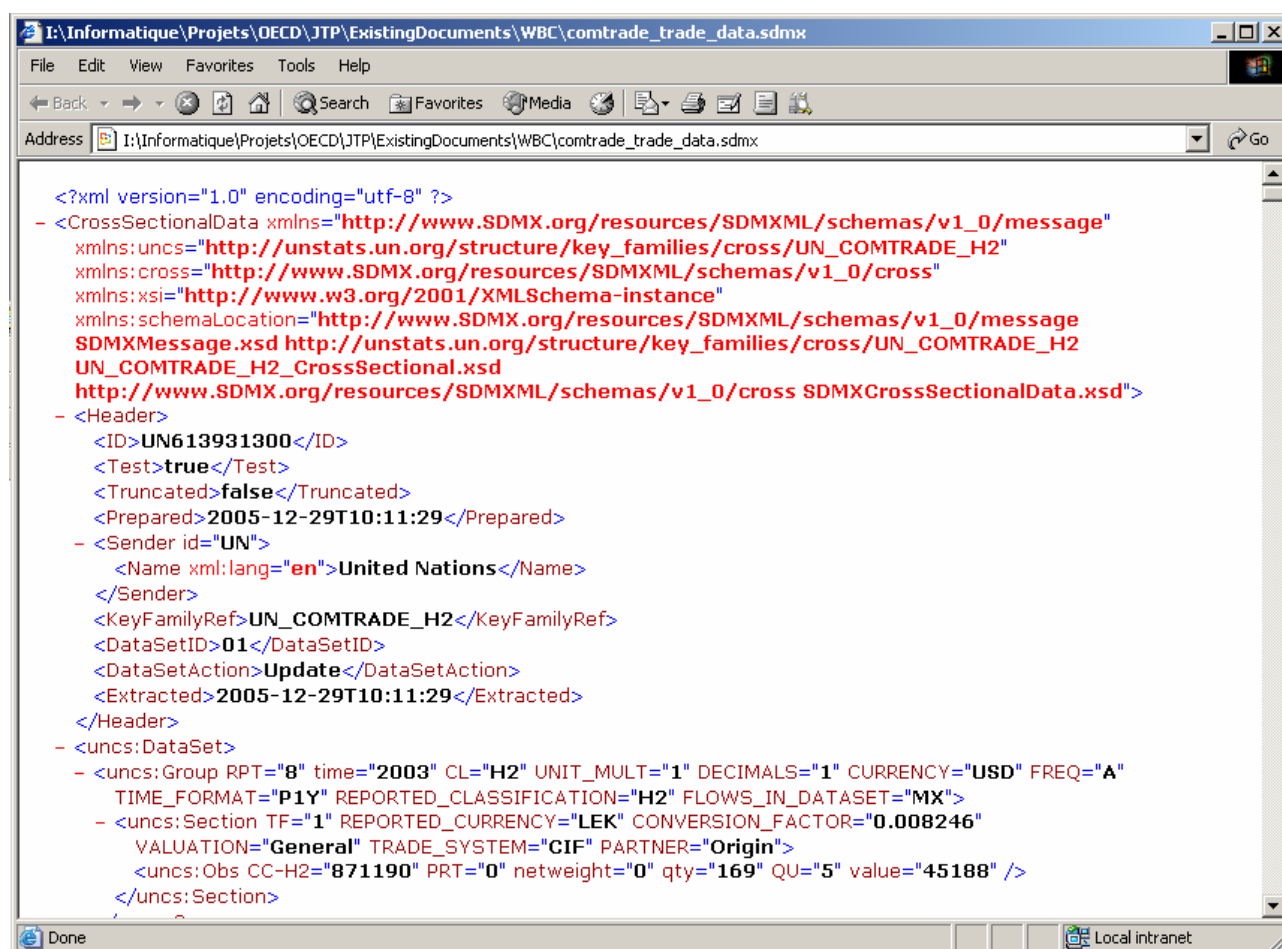


Figure 29: SDMX file contents (partial view)

2.2.2.7. View Not Available Data

This function points out the data items that are not available (i.e., that haven't been provided by the selected country, or that have been rejected by UNSD...), for the selected year, classification and commodity. Most of the time, the data will be available, and the following form will pop up:

Not-Available data

Selected classification: BEC
Selected commodities: 51 (Transport equipment, passenger motor cars)
Selected reporters: Indonesia
Selected years: 2004
Selected partners: World
Selected trade flows: Export

Not Available Data

Based on your selection of classification, reporters and years only.

Code	Country Name	Data is not available in the following years:
		None. Data is available in selected year(s) for given classification.

Figure 30: not available data: none for this example

Another selection can show unavailable data for a specific year:

Not-Available data

Selected classification: HS2002
Selected commodities: 841821, 841829, 841840, 842219, 8450, 845090, TOTAL
Selected reporters: Albania
Selected years: 2003, 2004, 2002, 2001, 2000
Selected partners: World
Selected trade flows: Export

Not Available Data

Based on your selection of classification, reporters and years only.

Code	Country Name	Data is not available in the following years:
8	Albania	2002

Figure 31: data from Albania unavailable in 2002 for the selected commodities

2.2.3. Basic Selection

2.2.3.1. Outline

We already met this processor when navigating along the Shortcut Query links. Back to the [Data Query & Extraction](#) links, we can directly select the Basic Selection entry:

The screenshot shows the 'Basic Selection' interface with the 'Commodities' tab selected. The interface is divided into two main steps:

- Step 1. Select Classification:** Contains radio buttons for SITC Rev.1, SITC Rev.2, SITC Rev.3, HS1992, HS1996, HS2002, and BEC.
- Step 2. Enter Selection Items:** Contains sub-steps for selecting source and items.
 - Enter Commodity Codes:** Includes a 'Commodities Search' dropdown.
 - Step 1. Select Source:** A dropdown menu currently showing 'BEC'.
 - Step 2. Select Items:** A search area with a text input, a dropdown for 'in' (set to 'BEC'), and a 'Search' button. There is also an unchecked checkbox for 'All commodities'.
 - Selected Items:** A vertical list box that is currently empty.
 - Filter list management:** A group of buttons at the bottom: 'Add', 'Remove', 'Remove All', 'Exclude', and 'Save selections to favorites'.

Callouts in the image point to the 'Others' tab (labeled 'Tab selection'), the empty 'Selected Items' list (labeled 'List of filter values (empty for the moment)'), and the 'Filter list management' buttons.

Figure 32: Basic Selection interface (Commodities tab)

The Basic Selection feature allows the User to select the commodities, classification, reporting Nations, partner countries and year values. It also makes it possible to filter and sort the data as well as select the type of trade flow required (tab Others).

Each tab relates to a selection parameter and has its list of selecting (or filter) values. A group of buttons (tagged as 'Filter list management') makes it possible to add, remove and exclude filter values.

The [classification](#) has already been discussed. The examples below show the selection of other parameters tab by tab. Once all the parameters are selected, clicking Submit Query displays the records retrieved –if there are less than 1,000 of them; otherwise, only the number of records appears.

2.2.3.2. Commodities

The Commodities tab interface is reproduced below:

Figure 33: selection of commodity “cars”

The Source combo makes it possible to select the data source from which records will be selected:

Figure 34: selecting the data selection source

These data selection sources are discussed in this paragraph, tagged with a ‘□’ sign.

(Continued on the next page)

☐ Commodities Search

This is the default value. It means that any available commodity can be selected. "cars" is entered in the example above.

Clicking Search displays a tree view that allows the User to precisely select the commodities to retrieve (the whole contents of the tree are in fact any car-related items):

Step 2. Enter Selection Items

Commodities | **Reporters** | **Partners** | **Years** | **Others**

Enter Commodity Codes

Step 1. Select Source
Commodities Search

Step 2. Select Items
Search / Select then Add

cars in HS2002

☐ All commodities

Here are the results: ☐ Include the children

☐ TOTAL - ALL COMMODITIES

- ☐ 40 - Rubber and articles thereof
- ☐ 61 - Articles of apparel and clothing accessories, knitted or crocheted
- ☐ 62 - Articles of apparel and clothing accessories, not knitted or crocheted
- ☐ 84 - Machinery and mechanical appliances; parts thereof
- ☐ 87 - Vehicles other than railway or tramway rolling stock
- ☐ 95 - Toys, games and sports requisites; parts and accessories thereof

Selection-resulting tree

Figure 35: commodity tree view (only root is expanded)

Nodes that can be expanded are flagged with a ☐ symbol.

(Continued on the next page)

Notice that parent nodes can be selected as well as leaves, like in the example below:

Here are the results: ☐ Include the children

- ☐ TOTAL - ALL COMMODITIES
 - ☐ 40 - Rubber and articles thereof
 - ☐ 61 - Articles of apparel and clothing accessories, knitted or crocheted
 - ☐ 62 - Articles of apparel and clothing accessories, not knitted or crocheted
 - ☐ 84 - Machinery and mechanical appliances; parts thereof
 - ☐ 87 - Vehicles other than railway or tramway rolling stock
 - ☐ 8703 - Motor cars and other motor vehicles principally designed for the transport ...
 - ☒ 870310 - Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...
 - ☒ 8711 - Motorcycles (including mopeds) and cycles fitted with an auxiliary motor
 - ☐ 871110 - Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...
 - ☐ 871120 - Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...
 - ☐ 871130 - Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...
 - ☐ 871140 - Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...
 - ☐ 871150 - Motorcycles (incl. mopeds) & cycles fitted with an auxiliary motor, with/wi ...
 - ☐ 871190 - Side cars for motorcycles
 - ☐ 95 - Toys, games and sports requisites; parts and accessories thereof

Figure 36: commodity selection – a node (Motorcycles) and a leaf (type of vehicle) are selected

Finally, clicking Add displays the selection in the Selected Items (a filter list) frame:

Step 1. Select Source	Selected Items
Commodities Search	
Step 2. Select Items	
Search / Select then Add	
cars in HS2002	
<input type="button" value="Search"/> <input type="checkbox"/> All commodities	
Here are the results: <input type="checkbox"/> Include the children	870310 - Vehic... 8711 - Motorcy...

Items finally selected – this is a 'OR' list

Figure 37: commodity list populated after clicking Add

As mentioned above, the selection list management buttons (see [fig. 32](#)) allow the User to edit the selection list. Items that must be individually removed must be highlighted with the mouse; multiple selection is possible through the Shift and Ctrl keys, like in a Windows list.

Ticking the 'All commodities' checkbox selects the whole commodity set; the selected items are ignored in this case.

Ticking 'Include the children' not only selects the checked nodes, but also their descendants in the tree; the checked nodes are flagged with a '*', like in the figure below:

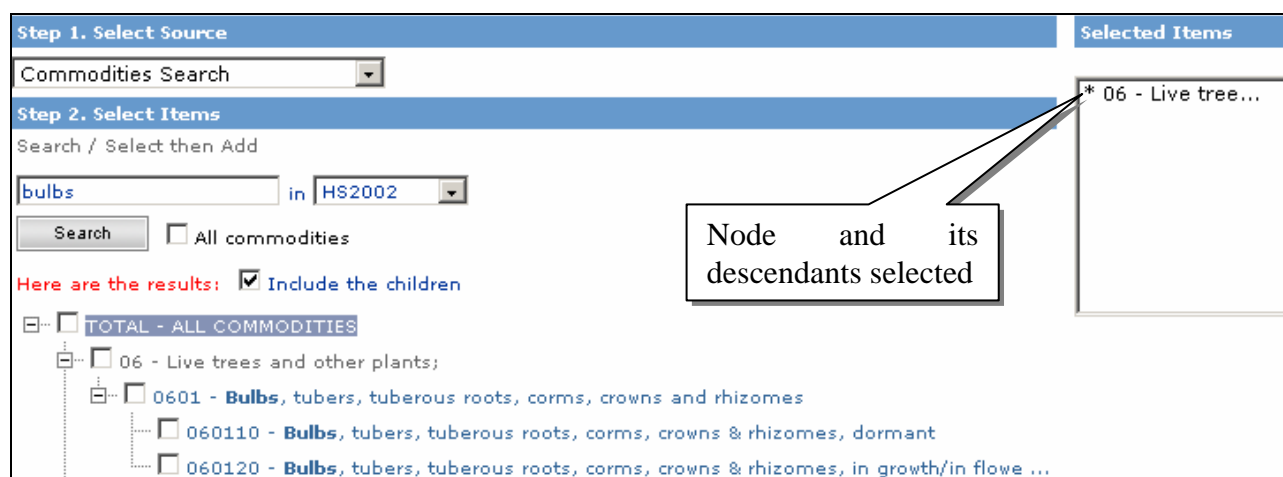


Figure 38: a node is selected with its descendants

One or more items can be excluded from the selection by clicking the Exclude button after ticking their nodes; the excluded items are flagged with a minus sign:

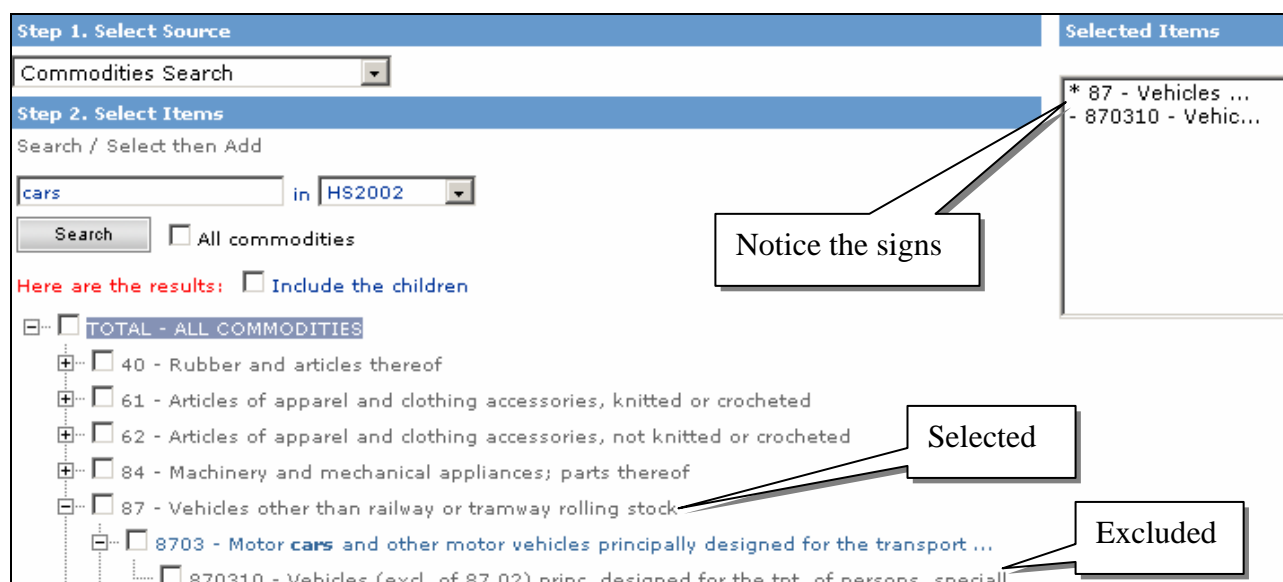


Figure 39: a category of vehicles is excluded from the vehicle selection

Of course, exclusion only makes sense when applied to the descendants of an already selected node for which the 'Include the children' option is set.

'Remove All' clears the Selected Items list.

'Save Selection to Favorites' is reserved to Registered (not Guests) Users. Refer to [section 3](#) for details on this function.

☐ Special Items

This entry selects commodities according to their code structure, namely their number of digits:

Figure 40: selecting commodities by number of digits in code

The digit-number selection can be added to commodity type conditions. Remember that the query processor makes the union (not the intersection) of selected commodities, like they appear, for instance, in [fig. 37](#).

The TOTAL entry means the total of trade flows. This entry should not be confused with (All): (All) means all the registered commodities (or countries, or years, depending on the current tab of the selection interface – see [fig. 32](#)). 'TOTAL' returns one summarized record while (All) returns all the available items, with one record per item.

When it comes to country selection, (All) should neither be confused with 'World'. 'World' is a pre-aggregated group of the countries that make up the world. (All) means all the partner countries. 'World' is similar to 'TOTAL'.

Note: when used by the Comtrade Explorer processor, TOTAL and (All) have other meanings. Refer to [Comtrade Explorer](#) section.

☐ My Favorite Commodities / Commodity Groups

Guest Users cannot define their own favorite items. They can use the standard, built-in groups of commodities and countries. There should be more of these groups in the near future. The picture below shows the standard country groups every guest User can select when the Reporter or the Partners tab is up:

Figure 41: standard country groups (or trade agreements between countries)

Whatever the selection is, clicking 'Submit Query' (fig. 32) displays the retrieved items, if any, also taking into account the selections carried out in the other tabs. For instance, here are the results of selecting item 950100 from "cars" with classification HS2002:

Basic Query Results: [help](#)

The query will return **9310** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **1.14** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)
Year: [2004](#) [2003](#) [2002](#)

Quick filter

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: All
Selected partners: All
Selected trade flows: All

Don't like the default download format? Set your own format at [here](#).
[Modify Selection](#) [View Graph](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Footnotes](#) [View Not-Available-Data](#)

Figure 42: results of a Basic Query operation

The interface above, and especially its action links, has already been discussed with the Shortcut Query function, which in fact makes use of the Basic Query processor. Again, we notice that no Direct Download or Save Query options are available. We can still refine the selection, for instance by selecting 2002 as year; we just have to click the 2002 link. The results are now:

Basic Query Results: [help](#)

The query will return **2993** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **0.37** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)

Quick filter

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: **2002**
Selected partners: All
Selected trade flows: All

Figure 43: results of a Basic Query operation; extra selection by Year

2.2.3.3. Reporters

The same –but far simpler, because there is only one level of data– filter operation can be carried out to select one or more reporting countries from the Reporters tab:

Figure 45: Reporters tab interface

The Reporters selection has already been discussed in the [Quick Search](#) section. Keeping the Commodities selection of [fig. 36](#), we can filter the query by two reporting countries:

Figure 46: two countries (Italy and Japan) selected in Reporters interface

Again, clicking Submit Query displays the query summary and results:

Basic Query Results: [help](#)

The query will return **1460** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

- * To improve performance, Direct Download ignore any defined sort order.
- * Estimated file size: **0.18** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)
Year: [2004](#) [2003](#) [2002](#)

Quick filter

Selected classification: HS2002
Selected commodities: [870310](#) (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), [8711](#) (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor)
Selected reporters: [Italy](#), [Japan](#)
Selected years: All
Selected partners: All
Selected trade flows: All

Query summary

Figure 47: query results for Commodities and Reporters selection

The [links](#) in the Basic Query results interface have been described with the Shortcut Query form.

2.2.3.4. Partners

An additional selection can be performed through the Partners interface:

Step 2. Enter Selection Items

Commodities **Reporters** **Partners** **Years** **Others**

Enter Partners Codes

Step 1. Select Source

Partners List

Step 2. Select Items

Select and double click

- United Rep. of Tanzania
- Uruguay
- US Misc. Pacific Isds
- US Virgin Isds
- USA
- USA (before 1981)
- Uzbekistan

Selected Items

- US Misc. Pacific Isds
- US Virgin Isds
- USA

Figure 48: three partners selected

Reminder: a *Partner* is a country that carries out trade operations with a reporting country. The trade operations are defined by the Trade Flow parameter: import, export, re-export. Of course, all the reporting countries are also partners.

The new query gives the following results:

Basic Query Results: help								
Statistics: 27 rows returned in 0.70 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: HS2002 Selected commodities: 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), 8711 (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor) Selected reporters: Italy , Japan Selected years: All Selected partners: US Misc. Pacific Isds , US Virgin Isds , USA Selected trade flows: All								
Sort Order <input type="button" value="Year;Flow;Rep;Comm;TradeVal;"/> <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1 2								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2002	Export	Italy	USA	870310	\$249,462	10,312	8	10,312
2002	Export	Italy	USA	8711	\$109,229,904	3,774,732	8	3,774,732
2002	Export	Japan	USA	870310	\$64,183,448	0	5	12,450
2002	Export	Japan	USA	8711	\$1,881,298,688	0	5	552,752

Figure 49: query results for Commodities, Reporters and Partners selection (partial view)

We notice that this time, the retrieved records are also displayed. This is because there aren't too many of them.

2.2.3.5. Years

One or more years can be selected through the Years tab:

Step 2. Enter Selection Items	
Commodities	Reporters
Partners	Years
Others	
Enter Years	
Step 1. Select Source	Selected Items
Years List <input type="text"/>	2004
Step 2. Select Items	
Select and double click	
(All) <input type="text"/>	
2004 <input type="text"/>	
2003 <input type="text"/>	
2002 <input type="text"/>	
2001 <input type="text"/>	
2000 <input type="text"/>	
1999 <input type="text"/>	
<input type="button" value="Add"/>	<input type="button" value="Remove"/>
<input type="button" value="Remove All"/>	
<input type="button" value="Save selections to favorites"/>	
<input type="button" value="Submit Query"/>	<input type="button" value="Go to Comtrade Explorer"/>

Figure 50: additional selection by year

The query results are now:

Basic Query Results: help								
Statistics: 9 rows returned in 0.27 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: HS2002 Selected commodities: 870310 (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), 8711 (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor) Selected reporters: Italy , Japan Selected years: 2004 Selected partners: US Misc. Pacific Isds , US Virgin Isds , USA Selected trade flows: All								
Sort Order <input type="button" value="Year;Flow;Rep;Comm;TradeVal;"/> <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
1								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Italy	USA	870310	\$85,405	3,187	8	3,187
2004	Export	Italy	USA	8711	\$83,778,867	2,754,846	8	2,754,846
2004	Export	Japan	USA	870310	\$53,124,766	0	5	9,985
2004	Export	Japan	USA	8711	\$2,119,862,833	0	5	513,478
2004	Export	Japan	US Misc. Pacific Isds	8711	\$314,908	0	5	57
2004	Import	Italy	USA	870310	\$1,926,533	269,687	8	269,687
2004	Import	Italy	USA	8711	\$3,463,575	132,217	8	132,217
2004	Import	Japan	USA	870310	\$10,711,509	0	5	2,769
2004	Import	Japan	USA	8711	\$134,346,609	0	5	14,978

Figure 51: selection by Commodities, Reporters, Partners and Years (full view)

2.2.3.6. Others

Finally, the Others interface makes it possible to select the Trade Flow type, to filter according to the Trade Value and to define the retrieved items sort order, like exemplified below:

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Selection Items

Commodities **Reporters** **Partners** **Years** **Others**

Select Trade Flow

Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports..

☒ Import ☐ Export ☐ re-Export

Filter Trade Value

Greater Than Equal

Select Sort Order

TradeVal;

Select Aggregation Option

☐ Keep quantity unit differences ☒ Ignore quantity unit differences

Only Trade Values >= 1,000,000 will be kept

Sum up records with same selection values except Quantity Unit codes

Figure 52: the Others selection interface – notice the aggregation option

The final query results are:

Basic Query Results: [help](#)

Statistics: 4 rows returned in 0.31 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: HS2002
Selected commodities: [870310](#) (Vehicles (excl. of 87.02) princ. designed for the tpt. of persons, speciall ...), [8711](#) (Motorcycles (including mopeds) and cycles fitted with an auxiliary motor)
Selected reporters: [Italy](#), [Japan](#)
Selected years: [2004](#)
Selected partners: [US Misc. Pacific Isds](#), [US Virgin Isds](#), [USA](#)
Selected trade flows: Import

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

Sorted by...

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Import	Japan	USA	8711	\$134,346,609	0	5	14,978
2004	Import	Japan	USA	870310	\$10,711,509	0	5	2,769
2004	Import	Italy	USA	8711	\$3,463,575	132,217	8	132,217
2004	Import	Italy	USA	870310	\$1,926,533	269,687	8	269,687

Figure 53: selection by Commodities, Reporters, Partners, Years, Trade Flow and Trade Value (full view)

The User can choose to [aggregate](#) the retrieved records according to the Quantity Unit code. In the examples above, codes 5 (number of items) and 8 (weight in kilograms) are present. If several retrieved records have the same selection record values except the Quantity Unit code, their Trade parameters (value and quantity) will be added and only one record will appear.

2.2.3.7. A Useful Capability: the Intra Trade Query

To end the Basic Query section, the *intra trade query* is a good example of what a powerful query engine can do with grouped entities. It consists in extracting and summarizing all the trade flows within the same group of countries (for instance, the fifteen-nation Europe). This is achieved by selecting this country group as Partner and Reporter.

The selection settings and the query results are reproduced below:

Basic Query Results: help								
Statistics: 4 rows returned in 0.72 seconds. Your access has been restricted to Normal View . Please contact us, if you need further information.								
Quick filter <input type="text"/> <input type="button" value="v ?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>								
Selected classification: BEC Selected commodities: 5 (Transport equipment, and parts and accessories thereof) Selected reporters: European Union Selected years: 2003, 2004 Selected partners: European Union Selected trade flows: All								
Sort Order Year;Flow;Rep;Comm;TradeVal; <input type="button" value="Refresh"/>								
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data								
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2003	Export	European Union	European Union	5	\$317,069,958,878	0	99	N/A
2003	Import	European Union	European Union	5	\$303,583,082,203	0	99	N/A
2004	Export	European Union	European Union	5	\$372,323,833,493	0	99	N/A
2004	Import	European Union	European Union	5	\$359,302,878,231	0	99	N/A

'Ignored for Aggregation'

Figure 54: an intra trade query – Transport Equipment within Europe for 2003 - 2004

2.2.4. Comtrade Explorer

2.2.4.1. Outline and Examples

The next entry in the [Data Query & Extraction](#) links is Comtrade Explorer. People familiar with Internet search engines (such as Google) will easily use this processor. In addition, some of its interfaces have already been described when discussing the Shortcut Query function.

When clicking the Comtrade Explorer entry, the following interface pops up:

Figure 55: Comtrade Explorer initial interface

The User can enter any word that defines a commodity, a county or a year. For instance:

Figure 56: example of search string

Clicking Search displays the following global results:

Figure 57: Comtrade Explorer – global results for the query

(Continued on the next page)

Selecting an entry and clicking View Description displays detailed information on the product:

Commodity List

Input keywords:

Commodity List

Total Commodities defined : 4

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☒ HS1996 ☐ HS2002 ☐ BEC

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>87</u>	Name: Vehicles other than railway, tramway Description: Vehicles o/t railw/tramw roll-stock, pts & accessories	Data Availability Snapshot
<u>8702</u>	Name: Public-transport type passenger motor vehicles Description: Motor vehicles for the transport of ten or more persons, including the driver.	Data Availability Snapshot
<u>870210</u>	Name: Diesel powered buses Description: With compression-ignition internal combustion piston engine (diesel or semi-diesel)	Data Availability Snapshot

Links

Figure 58: detailed information about an entry

Notice that the parents and children (no child here) of the Product are also displayed; the code of the selected product appears in red.

The 'Input keywords' textbox can be used to run another independent query –it doesn't filter the current query results.

2.2.4.2. Snapshot

Clicking the Snapshot link for an entry provides a summary report with graphic information on the selected item. Comtrade Explorer is the query processor used:

Comtrade Explorer - Snapshot [Help](#)

NOTICE: Please be very careful in drawing conclusions based on your selection especially if 'all' is selected in reporters/years, since 'all' means all currently available data.

Quick filter

Selected classification: HS1996
 Selected commodities: 870210 (Diesel powered buses)
 Selected reporters: All
 Selected years: 2004, 2003, 2002, 2001
 Selected partners: All
 Selected trade flows: All

Selection reminder

Figure 59: results of snapshot function: upper part of Comtrade Explorer interface – see lower part below

Keywords TOTAL and All in figs 58 and 59 have already been explained in the Basic Selection section. But their meanings are different here because of the snapshot report type:

- If All is selected as partner, it will be considered as single entity World
- If All is selected as commodity, it will be considered as single entity TOTAL
- For years and reporters, All means 'all available data' -refer to [Data Availability](#).

The lower part of the Snapshot report is reproduced below:

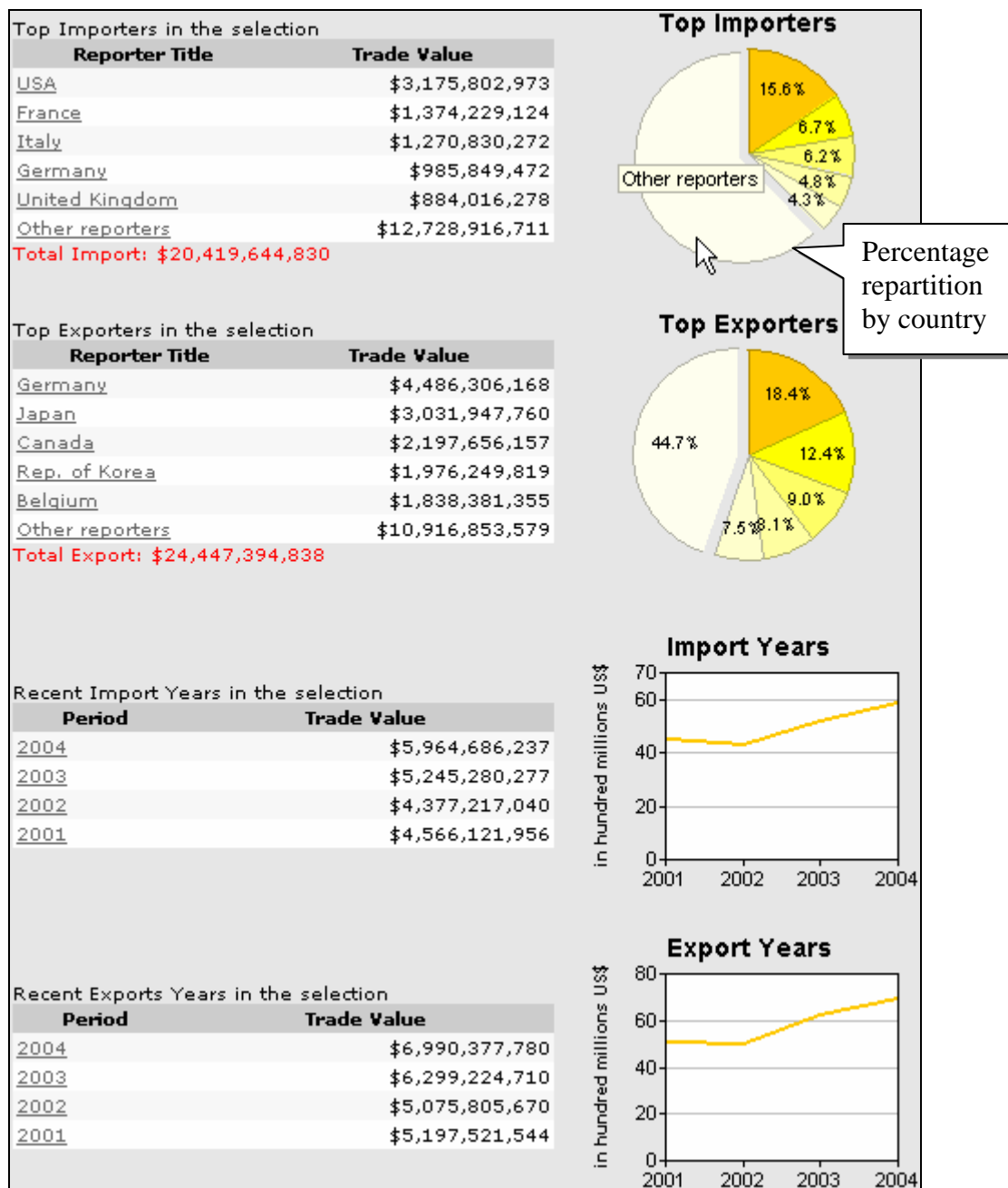


Figure 60: Comtrade Explorer (lower part) – summary graphic report

(Continued on the next page)

The [Quick Filter](#) combo has been introduced in the Quick Search function. It makes it possible to filter the current selection, like in the example below:

Figure 61: filtering list – entries beginning with ‘Fr’

If we select ‘France (Partner Name)’ and click Apply, we get the following report:

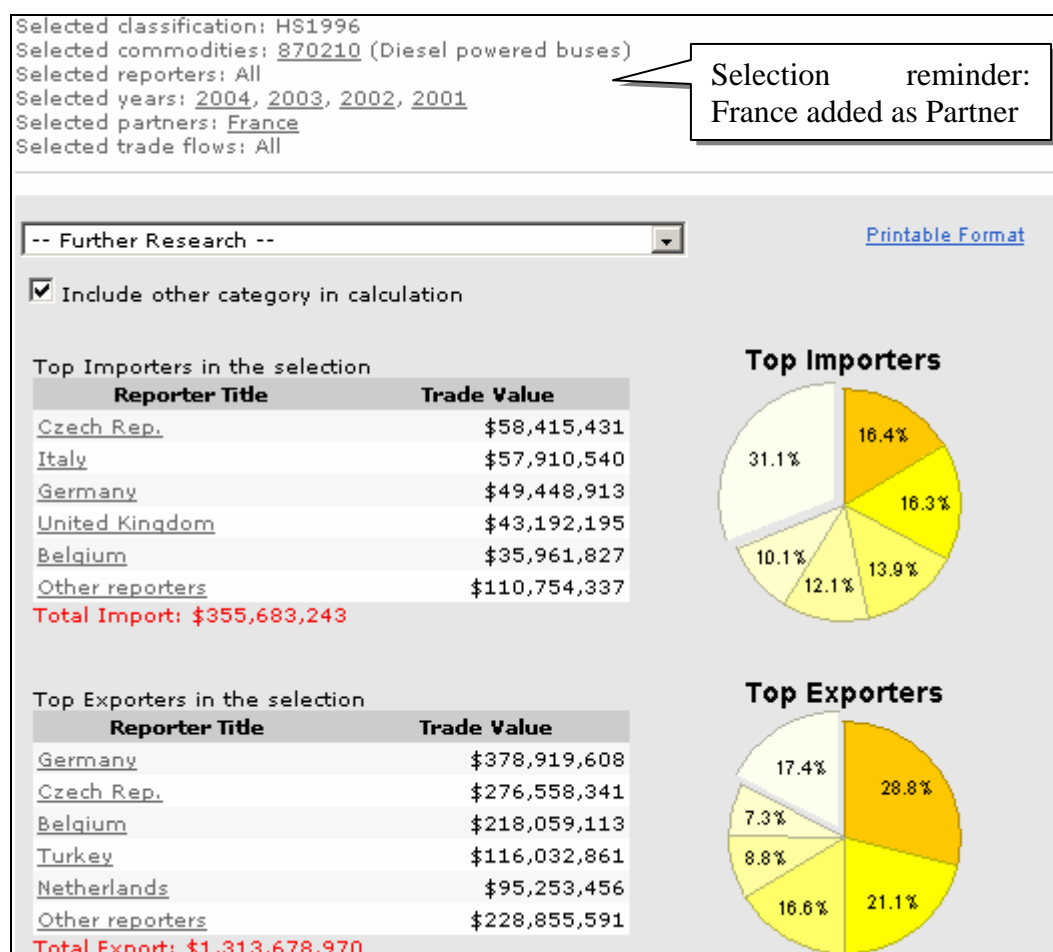


Figure 62: Comtrade Explorer (upper part) – selection filtered by Partner

Note: if Quick Filter is used for a criterion that is already set (value ≠ ‘All’ in query summary), the Quick Filter value replaces the already set value; in this case, Quick Filter redefines the query rather than filters it.

For instance, if we enter 'Gold' in the Quick Filter box:

Quick filter	gold	▼ ?	Clear	Apply
Selected clas	08112 (SITC Rev.2) Mangolds, swedes, fodder roots, hay, etc			
Selected com	08113 (SITC Rev.3) Swedes, mangolds, fodder roots, hay, clover, sainfoin, forage kale, lupin			
Selected rep	1214 (HS2002) Swedes, mangolds, fodder roots, hay, lucerne (alfalfa)			
Selected yea	121490 (HS2002) Swedes, mangolds, fodder roots, hay, clover, sainfoin, forage kale, lupines ...			
Selected par	284330 (HS1992) Gold compounds			
Selected trad	284330 (HS1996) Gold compounds			
	284330 (HS2002) Gold comps.			
	284390 (HS1992) Precious metal compounds except gold, silver, amalgam			
	284390 (HS1996) Precious metal compounds except gold, silver, amalgams			
	4206 (HS1992) Articles of gut, goldbeater's skins, bladders, tendon			

Figure 63: Quick Filter selection

Then if we select 'Gold compounds' and click Apply, we get the following selection summary:

Selected classification:	HS1992
Selected commodities:	284330 (Gold compounds)
Selected reporters:	All
Selected years:	2004, 2003, 2002, 2001
Selected partners:	France
Selected trade flows:	All

New commodity replaces the previous one

Figure 64: new selection through Quick Filter

2.2.4.3. Data Availability

Back to [fig. 58](#), if we click the Data Availability link for commodity 870210, we get the following report:

Data Availability - Commodities		
Disclaimer (reported and converted data).		
Search Results: General Data Availability		
Total Available Commodities : 1 for commodity codes: 870210(HS1996)		
Code	Name	Data Availability
870210	Diesel powered buses View Description View Snapshot	1996 - 2004 164 countries with 28202 records reported.
1		
Search Results: Detail Data Availability		
Total Reported Reporters : 165 for commodity codes: 870210(HS1996)		
Code	Reporter	Years
	-All Reporters-	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
8	Albania	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
12	Algeria	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
20	Andorra	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
660	Anguilla	2002, 2003, 2004, ALL
28	Antigua and Barbuda	1999, 2000, ALL
32	Argentina	1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, ALL
51	Armenia	1997, 1999, 2000, 2002, 2003, 2004, ALL
533	Aruba	2002, 2003, 2004, ALL

Summary of reported data

Details by country

Figure 65: data availability report for selected commodity (partial view)

This interface is addressed in the Data Availability / [Commodities](#) section later in this document.

2.2.5. Express Selection

The last entry in the [query processor list](#) is Express Selection. The User interface of this processor is in a way a simplified summary of query processor interfaces we already met, especially the Basic Selection (or Basic Query) processor, with meta-language capabilities to describe the selection criteria.

There are two tabs in this interface:

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☐ HS1996 ☒ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text
Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

71 [Save](#) [Lookup](#)

Enter Reporters Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

699 [Save](#) [Lookup](#)

Enter Partners Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

[Save](#) [Lookup](#)

Enter Years
Separated by comma. Special code: *All*. Minus sign is not applicable.

2000 [Save](#) [Lookup](#)

Select Trade Flow
Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☐ Import ☒ Export ☐ re-Export

[Submit Query](#) [Go to Comtrade Explorer](#)

Figure 66: Express Selection – Basic Items tab

Notice the Save and Lookup links that make it possible to save the codes entered and retrieve them from a list ('Favorites'). The interface used by [Lookup](#) has been introduced in section Quick Search.

Reminder: saving a selection or a report is reserved to *registered* Users (unavailable to free Users, also called "Guests"). Refer to [section 3](#). for information on registered Users and Favorites.

The Advanced Items frame allows Users to filter the available data according to Trade Values, to define a sort sequence and to set an aggregation option on Quantity units:

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Filter Trade Value

Greater Than Equal 10000

Select Sort Order

Year;Flow;Rep;Comm;Ptrn;

Select Aggregation Option

☒ Keep quantity unit differences ☐ Ignore quantity unit differences

Submit Query Go to Comtrade Explorer

Figure 67: Express Selection – Advanced Items tab

This interface has already been discussed in the Basic Query section, form [Others](#).

(Continued on the next page)

Finally, clicking Submit Query displays the resulting Basic Query report:

Basic Query Results: help																																																																																																																																																																										
Statistics: 174 rows returned in 0.72 seconds. Your access has been restricted to Normal View. Please contact us, if you need further information.																																																																																																																																																																										
Quick filter <input type="text"/> <input type="button" value="v"/> <input type="button" value="?"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/>																																																																																																																																																																										
Selected classification: HS2002 Selected commodities: 71 (Natural or cultured pearls, precious or semi-precious stones) Selected reporters: India Selected years: All Selected partners: All Selected trade flows: Export																																																																																																																																																																										
Sort Order <input type="text" value="Year;Flow;Rep;Comm;TradeVal;"/> <input type="button" value="Refresh"/>																																																																																																																																																																										
Modify Selection View Graph Printable Format View Explanatory Notes SDMX Download View Not-Available-Data																																																																																																																																																																										
<div> <div>Several pages to display</div> <div>List of actions</div> </div>																																																																																																																																																																										
<table> <tr> <th>Period</th><th>Trade Flow</th><th>Reporter</th><th>Partner</th><th>Code</th><th>Trade Value</th><th>NetWeight (kg)</th><th>Quantity Unit</th><th>Trade Quantity</th></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>World</td><td>71</td><td>\$10,604,792,809</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>USA</td><td>71</td><td>\$3,666,262,056</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>China, Hong Kong SAR</td><td>71</td><td>\$2,306,235,072</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>United Arab Emirates</td><td>71</td><td>\$1,466,249,935</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Belgium</td><td>71</td><td>\$1,041,507,668</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Israel</td><td>71</td><td>\$471,124,615</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Japan</td><td>71</td><td>\$351,351,091</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>United Kingdom</td><td>71</td><td>\$223,082,317</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Thailand</td><td>71</td><td>\$199,657,105</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Singapore</td><td>71</td><td>\$192,962,562</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Switzerland</td><td>71</td><td>\$147,704,348</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Areas, nes</td><td>71</td><td>\$102,267,629</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Germany</td><td>71</td><td>\$64,729,320</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Australia</td><td>71</td><td>\$58,929,291</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Italy</td><td>71</td><td>\$35,221,581</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>Canada</td><td>71</td><td>\$30,923,603</td><td>N/A</td><td>0</td><td>N/A</td></tr> <tr><td>2003</td><td>Export</td><td>India</td><td>France</td><td>71</td><td>\$28,454,979</td><td>N/A</td><td>0</td><td>N/A</td></tr> </table>									Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity	2003	Export	India	World	71	\$10,604,792,809	N/A	0	N/A	2003	Export	India	USA	71	\$3,666,262,056	N/A	0	N/A	2003	Export	India	China, Hong Kong SAR	71	\$2,306,235,072	N/A	0	N/A	2003	Export	India	United Arab Emirates	71	\$1,466,249,935	N/A	0	N/A	2003	Export	India	Belgium	71	\$1,041,507,668	N/A	0	N/A	2003	Export	India	Israel	71	\$471,124,615	N/A	0	N/A	2003	Export	India	Japan	71	\$351,351,091	N/A	0	N/A	2003	Export	India	United Kingdom	71	\$223,082,317	N/A	0	N/A	2003	Export	India	Thailand	71	\$199,657,105	N/A	0	N/A	2003	Export	India	Singapore	71	\$192,962,562	N/A	0	N/A	2003	Export	India	Switzerland	71	\$147,704,348	N/A	0	N/A	2003	Export	India	Areas, nes	71	\$102,267,629	N/A	0	N/A	2003	Export	India	Germany	71	\$64,729,320	N/A	0	N/A	2003	Export	India	Australia	71	\$58,929,291	N/A	0	N/A	2003	Export	India	Italy	71	\$35,221,581	N/A	0	N/A	2003	Export	India	Canada	71	\$30,923,603	N/A	0	N/A	2003	Export	India	France	71	\$28,454,979	N/A	0	N/A
Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity																																																																																																																																																																		
2003	Export	India	World	71	\$10,604,792,809	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	USA	71	\$3,666,262,056	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	China, Hong Kong SAR	71	\$2,306,235,072	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	United Arab Emirates	71	\$1,466,249,935	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Belgium	71	\$1,041,507,668	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Israel	71	\$471,124,615	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Japan	71	\$351,351,091	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	United Kingdom	71	\$223,082,317	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Thailand	71	\$199,657,105	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Singapore	71	\$192,962,562	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Switzerland	71	\$147,704,348	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Areas, nes	71	\$102,267,629	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Germany	71	\$64,729,320	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Australia	71	\$58,929,291	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Italy	71	\$35,221,581	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	Canada	71	\$30,923,603	N/A	0	N/A																																																																																																																																																																		
2003	Export	India	France	71	\$28,454,979	N/A	0	N/A																																																																																																																																																																		

Figure 68: Express Selection report (partial view)

Refer to the [Basic Query](#) and [Shortcut Query](#) sections for details, especially on the list of actions that is tagged above. Note that the commodity codes and quantity units used are described by a 'tooltip' text.

Clicking View Graph displays summary information about the most important export Partners:

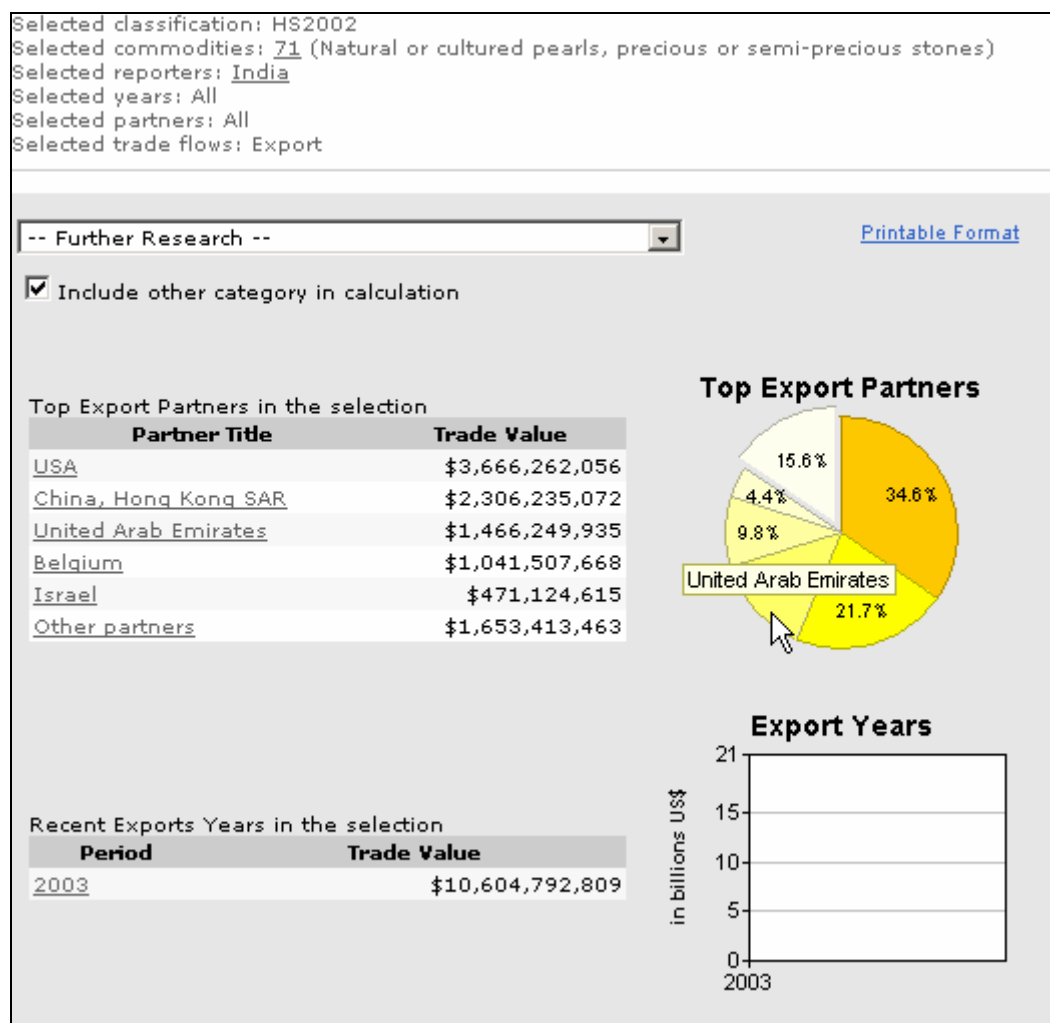


Figure 69: Express Selection – top export Partners

2.3. Data Availability

While the data Query section explains how to retrieve information on commodities (e.g., quantities in terms of trade value, mass or number of items exported), the Data Availability section deals with the *amount of data records collected* for a given selection, whatever type they are.

Several interfaces provide the User with data availability results, for instance the already discussed [Comtrade Explorer](#).

The Data Availability functions are activated through the links below:

Data Availability
Interactive
in Graph
Reporters
Commodities
Years
by Date of Loading

Figure 70: Data availability function in the main interface

2.3.1. Interactive

The Interactive interface is reproduced below, with a selection already carried out:

Data Availability Interactive

Step 1. Choose filter

The first option will filter combinations with trade data.

☐ Show all possible combinations
 ☒ Show just with trade data

Step 2. Select Classification

Numbers in bracket indicate number of records

Step 3. Select Reporter and/or Year

Numbers in bracket indicate number of records in the selection.
* means that data were converted from other classification. See [Disclaimer](#) (reported and converted data).

Reporter:
 Year:

Step 4. Select Trade Flow and/or Commodity and/or Partner

Numbers in indicate number of total records and value in the selection

Trade Flow:
 Partner:

Commodity:

Number of records collected for the selected classification

Trade value for the selection

Figure 71: Data Availability Interactive interface – selection in effect

The comments in the form itself explain the role of each field. The values between parentheses are the number of records collected for the selected classification.

Clicking 'Go to Comtrade Explorer' brings up the usual reporting interface (see [above](#)) with a graph display:

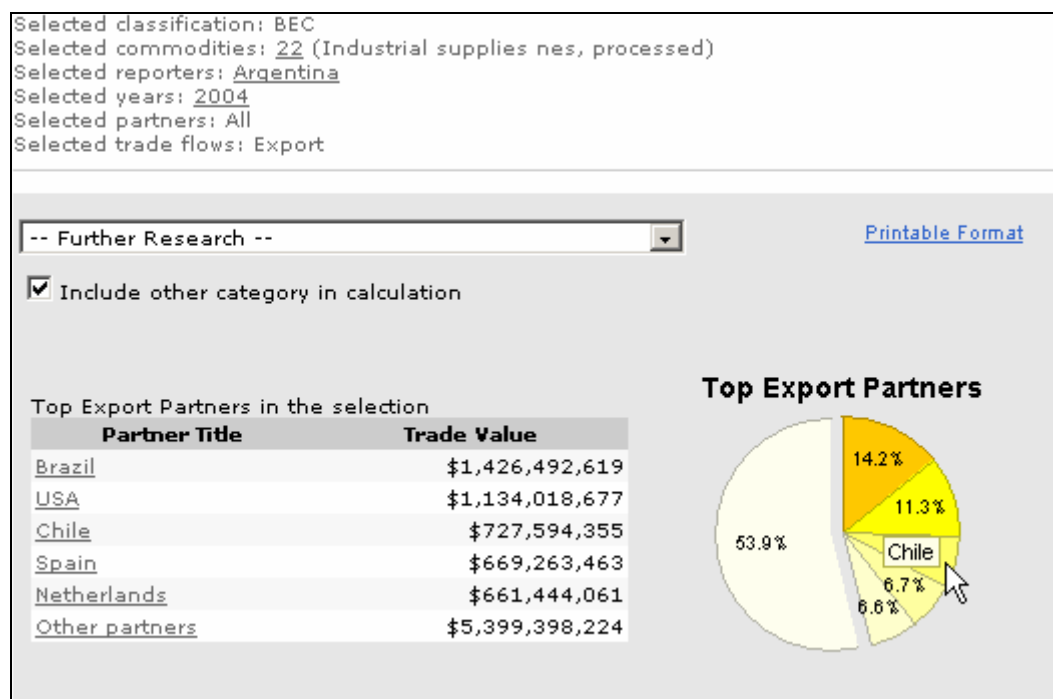


Figure 72: Comtrade Explorer for Interactive interface

2.3.2. In Graph

The 'In Graph' interface is reproduced below, with a selection already carried out:

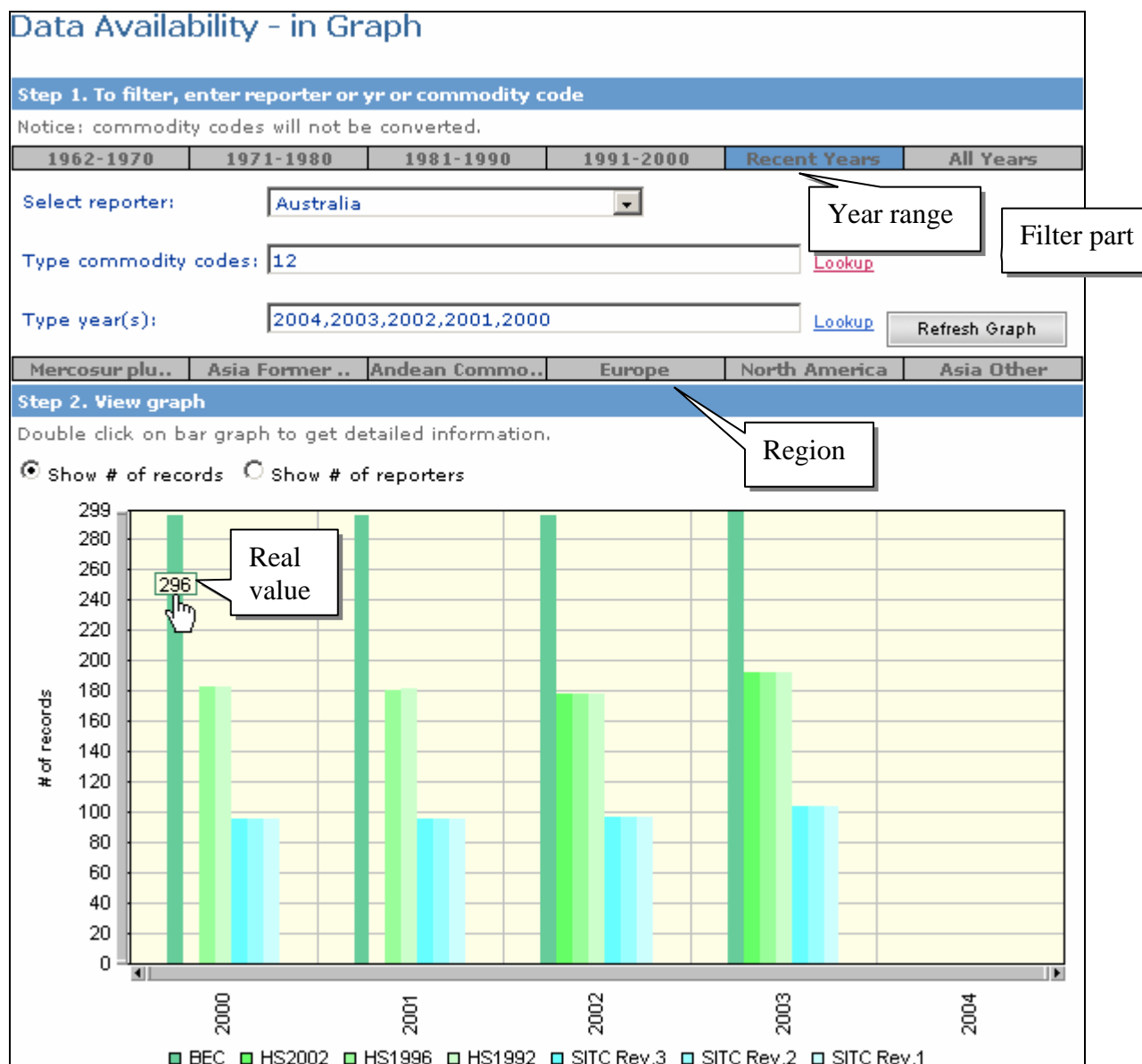


Figure 73: 'In Graph' results

The filter part of the interface makes it possible to select the reporting country, commodity codes and years. Two bars at the top and bottom of the filter area allow the User to select a year range and a geographic entity (e.g., European Union), instead of a country and one or more years. The [Lookup](#) links brings an already met interface that makes it possible to select commodities by their names instead of their codes, or to select standard Favorites.

In this interface, the results are contained in the same form as the filter values, and displayed as a bar chart. All the classification types are used and appear with different colors. Moving the mouse cursor over a bar displays the real number of data records, like exemplified above.

Double-clicking a bar (here, the first one) details the data records selected in the familiar Basic Query report form:

Basic Query Results: [help](#)

Statistics: 296 rows returned in 0.27 seconds.
Your access has been restricted to **Normal View**. Please contact us, if you need further information.

Quick filter

Selected classification: BEC
Selected commodities: 12 (Food and beverages, processed)
Selected reporters: Australia
Selected years: 2000
Selected partners: All
Selected trade flows: All

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

1 2 3 4 5 6 7 8 9 10 ...

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2000	Export	Australia	World	<u>12</u>	\$6,803,180,919	0	<u>1</u>	0
2000	Export	Australia	Japan	<u>12</u>	\$1,635,831,771	0	<u>1</u>	0
2000	Export	Australia	USA	<u>12</u>	\$1,210,823,499	0	<u>1</u>	0
2000	Export	Australia	United Kingdom	<u>12</u>	\$471,891,332	0	<u>1</u>	0
2000	Export	Australia	New Zealand	<u>12</u>	\$317,450,535	0	<u>1</u>	0
2000	Export	Australia	Philippines	<u>12</u>	\$260,518,844	0	<u>1</u>	0
2000	Export	Australia	Rep. of Korea	<u>12</u>	\$244,102,577	0	<u>1</u>	0
2000	Export	Australia	Other Asia, nes	<u>12</u>	\$227,015,983	0	<u>1</u>	0
2000	Export	Australia	Special Categories	<u>12</u>	\$204,541,425	0	<u>1</u>	0
2000	Export	Australia	Singapore	<u>12</u>	\$204,165,112	0	<u>1</u>	0
2000	Export	Australia	Canada	<u>12</u>	\$180,912,521	0	<u>1</u>	0
2000	Export	Australia	Malaysia	<u>12</u>	\$159,866,801	0	<u>1</u>	0
2000	Export	Australia	China, Hong Kong SAR	<u>12</u>	\$155,976,470	0	<u>1</u>	0
2000	Export	Australia	Saudi Arabia	<u>12</u>	\$132,198,958	0	<u>1</u>	0
2000	Export	Australia	Indonesia	<u>12</u>	\$114,185,287	0	<u>1</u>	0
2000	Export	Australia	Thailand	<u>12</u>	\$113,331,528	0	<u>1</u>	0
2000	Export	Australia	Netherlands	<u>12</u>	\$80,481,009	0	<u>1</u>	0

Several pages

Figure 74: the data records selected from the In Graph interface (partial)

Refer to [fig. 44](#) in the Basic Selection section for comments on this report.

2.3.3. Reporters

This function allows Users to filter the data records by Reporters (i.e. statistics provider countries) and year. The commodity classification is also used.

The Reporters interface – with country names beginning by Z – is reproduced below:

Data Availability - Reporters by Years

Disclaimer (reported and converted data).

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	All
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----

Input keywords: Search

Search Results

Number of reporters: 2

Code	Name	BEC	HS2002	HS1996	HS1992	SITC Rev.3	SITC Rev.2	SITC Rev.1
894	Zambia View Description	1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	2002 , 2004 , ALL	1997 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1976 , 1977 , 1978 , 1979 , 1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1966 , 1967 , 1970 , 1971 , 1972 , 1973 , 1974 , 1975 , 1976 , 1977 , 1978 , 1979 , 1993 , 1995 , 1998 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL
716	Zimbabwe View Description	1999 , 2000 , 2001 , 2002 , 2004 , ALL	2004 , ALL	2000 , 2001 , 2002 , 2004 , ALL	1995 , 2000 , 2001 , 2002 , 2004 , ALL	1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1984 , 1985 , 1986 , 1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL	1984 , 1985 , 1986 , 1990 , 1991 , 1992 , 1993 , 1994 , 1995 , 1996 , 1997 , 1999 , 2000 , 2001 , 2002 , 2004 , ALL

Figure 75: Reporter countries by year and classification codes

As usual, clicking an underlined year displays detailed information on the data records provided this year. The Basic Query processor is used.

Clicking View Description under a country name brings up information data on the selected country with links to other reporting interfaces, some of which we already met:

Country List
Total countries defined : 1

Code	Name	ISO	Valid Years	
894	Abbreviation: Zambia Full Name: Zambia Description: N/A Comment: N/A Type: Reporters/Partners	ZM/ZMB	1965 - Now	Data Availability Explanatory Notes Snapshot ITC Country Profile Trade Compilation

Links to reporting interfaces

Figure 76: Reporter interface – information on country

2.3.4. Commodities

This processor makes it possible to filter the provided data records by Commodities. Commodities are selected from a [tree-structured list](#) we already described in the Basic Selection section:

Data Availability - Commodities

Select Commodities
Search & Select the commodities to be checked for data availability

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☐ HS1996
 ☐ HS2002
 ☒ BEC

Step 1. Select Source

Commodities Search

Step 2. Select Items
Search / Select then Add

in

☐ All commodities

Here are the results: ☐ Include the children

- ☐ TOTAL - All Categories
 - ☐ 1 - Food and beverages
 - ☐ 11 - Food and beverages, primary
 - ☐ 111 - Food and beverages, primary, mainly for industry
 - ☐ 112 - Food and beverages, primary, mainly for household consumption
 - ☒ 11 - Food and beverages, primary
 - ☒ 12 - Food and beverages, processed
 - ☐ 121 - Food and beverages, processed, mainly for industry
 - ☐ 122 - Food and beverages, processed, mainly for household consumption
 - ☒ 1 - Food and beverages

Selected Items

111 - Food and...
121 - Food and...

Figure 77: commodity selection – food is the main selection – two items selected

Once the nodes or leaves are selected, clicking Add stores them in the Selected Items frame.

Clicking Continue displays the query results:

Search Results: General Data Availability		
Total Available Commodities : 2 for commodity codes: 111, 121(BEC)		
Code	Name	Data Availability
111	Food and beverages, primary, mainly for industry View Description View Snapshot	1998 - 2004 172 countries with 75847 records reported.
121	Food and beverages, processed, mainly for industry View Description View Snapshot	1998 - 2004 172 countries with 80958 records reported.
		1
Search Results: Detail Data Availability		
Total Reported Reporters : 177 for commodity codes: 111, 121(BEC)		
Code	Reporter	Years
	-All Reporters-	1998 , 1999 , 2000 , 2001 , 2002 , 2003 , 2004 , ALL
8	Albania	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
12	Algeria	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
20	Andorra	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
660	Anguilla	2004 , 2002 , 2003 , 2000 , 2001 , ALL
28	Antigua and Barbuda	2000 , 1999 , ALL
32	Argentina	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
51	Armenia	2004 , 2002 , 2003 , 2000 , 1999 , ALL
533	Aruba	2004 , 2002 , 2003 , ALL
36	Australia	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
40	Austria	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
31	Azerbaijan	2002 , 2003 , 2000 , 2001 , 1998 , 1999 , ALL
44	Bahamas	2000 , 2001 , 1998 , 1999 , ALL
48	Bahrain	2004 , 2002 , 2003 , 2000 , 2001 , ALL
50	Banladesh	2004 , 2002 , 2003 , 2000 , 2001 , 1998 , ALL

Two food items selected

Figure 78: commodities – report for two selected items – Data Availability

Clicking View description brings up the Commodity List interface; clicking Snapshot leads to the Comtrade Explorer [Snapshot](#) form.

(Continued on the next page)

Again, clicking a highlighted year leads to the Basic Query [reporting form](#):

Selected classification: BEC
Selected commodities: 111 (Food and beverages, primary, mainly for industry), 121 (Food and beverages, processed, mainly for industry)
Selected reporters: Albania
Selected years: 1999
Selected partners: All
Selected trade flows: All

Sort Order: Refresh

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[View Not-Available-Data](#)

1 2 3 4 5

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
1999	Export	Albania	World	<u>111</u>	\$89,563	0	<u>1</u>	0
1999	Export	Albania	TFYR of Macedonia	<u>111</u>	\$50,024	0	<u>1</u>	0
1999	Export	Albania	France	<u>111</u>	\$13,924	0	<u>1</u>	0
1999	Export	Albania	Greece	<u>111</u>	\$10,371	0	<u>1</u>	0
1999	Export	Albania	Italy	<u>111</u>	\$9,437	0	<u>1</u>	0
1999	Export	Albania	Serbia and Montenegro	<u>111</u>	\$5,807	0	<u>1</u>	0
1999	Export	Albania	World	<u>121</u>	\$465,059	0	<u>1</u>	0
1999	Export	Albania	Serbia and Montenegro	<u>121</u>	\$327,353	0	<u>1</u>	0
1999	Export	Albania	TFYR of Macedonia	<u>121</u>	\$81,542	0	<u>1</u>	0
1999	Export	Albania	Croatia	<u>121</u>	\$56,164	0	<u>1</u>	0
1999	Import	Albania	World	<u>111</u>	\$22,960,303	0	<u>1</u>	0
1999	Import	Albania	Bulgaria	<u>111</u>	\$4,555,771	0	<u>1</u>	0
1999	Import	Albania	Greece	<u>111</u>	\$3,177,447	0	<u>1</u>	0
1999	Import	Albania	Italy	<u>111</u>	\$3,008,178	0	<u>1</u>	0
1999	Import	Albania	Romania	<u>111</u>	\$2,523,751	0	<u>1</u>	0
1999	Import	Albania	Egypt	<u>111</u>	\$2,232,014	0	<u>1</u>	0
1999	Import	Albania	Turkey	<u>111</u>	\$1,282,368	0	<u>1</u>	0
1999	Import	Albania	France	<u>111</u>	\$848,267	0	<u>1</u>	0
1999	Import	Albania	Spain	<u>111</u>	\$791,826	0	<u>1</u>	0
1999	Import	Albania	Czech Rep.	<u>111</u>	\$689,713	0	<u>1</u>	0

1 2 3 4 5

Several pages in this report

Figure 79: report on specific year for selected commodities – Data Availability

2.3.5. Year

The Year processor makes it possible to get data availability information by year and country, as illustrated below:

Data Availability - Years by Reporters

Disclaimer (reported and converted data).

1962-1965	1966-1970	1971-1975	1976-1980	1981-1985
1986-1990	1991-1995	1996-2000	Recent Years	All Years

Year range selection

Search Results

Number of years (2004,2003,2002,2001,2000) by classifications: 33

Year	Classification	Reporters
2004 View Snapshot	SITC Rev.3	Albania , Algeria , Andorra , Azerbaijan , Argentina , Austria , Bahrain , Bangladesh , Armenia , Barbados , Belgium , Bolivia , Bosnia Herzegovina , Brazil , EU-25 , Bulgaria , Burundi , Belarus , Cambodia , Cameroon , Canada , Sri Lanka , Chile , China , Colombia , Cook Isds , Croatia , Cyprus , Czech Rep. , Denmark , Dominica , Ecuador , Estonia , Fiji , Finland , France , French Polynesia , Gabon , Georgia , Germany , Ghana , Greece , Guyana , China , Hong Kong SAR , Iceland , Indonesia , Ireland , Israel , Italy , Japan , Kazakhstan , Jordan , Kenya , Rep. of Korea , Latvia , Libya , Lithuania , Luxembourg , China , Macao SAR , Madagascar , Malawi , Malaysia , Maldives , Malta , Mauritius , Mexico , Other Asia, nes , Rep. of Moldova , Morocco , Oman , Netherlands , Aruba , New Caledonia , New Zealand , Nicaragua , Norway , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Qatar , Romania , Russian Federation , Anquilla , Saint Lucia , Saint Vincent and the Grenadines , Senegal , Seychelles , Singapore , Slovakia , Slovenia , South Africa , Zimbabwe , Sweden , Switzerland , Syria , Togo , Tunisia , Turkey , Turks and Caicos Isds , Uganda , TFYR of Macedonia , United Kingdom , United Rep. of Tanzania , USA , Uruguay , Venezuela , Samoa , Yemen , Zambia , ALL
2004 View Snapshot	SITC Rev.2	Albania , Algeria , Andorra , Azerbaijan , Argentina , Austria , Bahrain , Bangladesh , Armenia , Barbados , Belgium , Bolivia , Bosnia Herzegovina , Brazil , Bulgaria , Burundi , Belarus , Cambodia , Cameroon , Canada , Sri Lanka , Chile , China , Colombia , Cook Isds , Croatia , Cyprus , Czech Rep. , Denmark , Dominica , Ecuador , Estonia , Fiji , Finland , France , French Polynesia , Gabon , Georgia , Germany , Ghana , Greece , Guyana , China , Hong Kong SAR , Iceland , Indonesia , Ireland , Israel , Italy , Japan , Kazakhstan , Jordan , Kenya , Rep. of Korea , Latvia , Libya , Lithuania , Luxembourg , China , Macao SAR , Madagascar , Malawi , Malaysia , Maldives , Malta , Mauritius , Mexico , Other Asia, nes , Rep. of Moldova , Morocco , Oman , Netherlands , Aruba , New Caledonia , New Zealand , Nicaragua , Norway , Pakistan , Panama , Paraguay , Peru , Poland , Portugal , Qatar , Romania , Russian Federation , Anquilla , Saint Lucia , Saint Vincent and the Grenadines , Senegal , Seychelles , Singapore , Slovakia , Slovenia , South Africa , Zimbabwe , Sweden , Switzerland , Syria , Togo , Tunisia , Turkey , Turks and Caicos Isds , Uganda , TFYR of Macedonia , United Kingdom , United Rep. of Tanzania , USA , Uruguay , Venezuela , Samoa , Yemen , Zambia , ALL

Figure 80: Year reporting for Data Availability

The following points should be noted:

- Clicking View Snapshot displays the already met Comtrade Explorer [snapshot](#).
- Clicking an underlined country brings up a [Basic Query](#) report.
- Moving the mouse cursor over a country displays the number of records collected for the current selection.

2.3.6. By Date of Loading

The 'By Date of Loading' entry makes it possible to get data availability information by record upload date, as illustrated below:

Recently Loaded Data RSS

Disclaimer (reported and converted data).

Step 1. Select Selection Filter

Classification: Reporter: Year: Loaded: Filter section

Step 2. View Search Results

Showing only top 50 records.

Upload Date	Year	Classification	Reporters
07 Oct 2005	2004	SITC Rev.3	Kazakhstan
07 Oct 2005	2004	SITC Rev.2	Kazakhstan
07 Oct 2005	2004	SITC Rev.1	Kazakhstan
07 Oct 2005	2004	HS2002	Kazakhstan
07 Oct 2005	2004	HS1996	Kazakhstan
07 Oct 2005	2004	BEC	Kazakhstan
05 Oct 2005	2002	HS1996	Cook Isds, Montserrat
05 Oct 2005	2001	HS1996	Cook Isds, Montserrat, Mozambique, United Arab Emirates
05 Oct 2005	2000	HS1996	Tajikistan, Tonga, United Arab Emirates
05 Oct 2005	1999	HS1996	Mozambique, United Arab Emirates
04 Oct 2005	2004	SITC Rev.3	Latvia, Mexico, Slovenia, Zambia
04 Oct 2005	2004	SITC Rev.2	Latvia, Libya, Mexico, Slovenia, Zambia

Figure 81: selection by record upload date – Data Availability – ‘one month ago’

In this example, the only filter parameter is the upload date, and it is set to ‘1 month ago’. The picture below shows the possible values:

Loaded:

1 month ago

(All)

1 month ago

6 month ago

12 month ago

24 month ago

Figure 82: possible values for date selection

As usual, clicking an underlined country allows Users to get trade details on it.

2.4. Metadata & Reference

This section deals with the contents of the statistical database *reference* tables. These tables contain the names and descriptions of commodities and countries and their associated codes. The *Database Dissemination Model* document gives concrete details on these topics.

The Metadata⁷ & Reference links are as follows:

Metadata & Reference
Commodity list
Country list
Explanatory Notes
Glossary

Figure 83: the Metadata & Reference links

2.4.1. Commodity List

Clicking the 'Commodity list' entry displays the list of all the registered commodities, nodes or leaves, sorted according to their classification code. The classification can be changed. The picture below is the top part of this list:

Commodity List		
Input keywords: <input type="text"/> <input type="button" value="Search"/>		
Commodity List		
Total Commodities defined : 98		
<input type="radio"/> SITC Rev.1 <input type="radio"/> SITC Rev.2 <input type="radio"/> SITC Rev.3 <input type="radio"/> HS1992 <input checked="" type="radio"/> HS1996 <input type="radio"/> HS2002 <input type="radio"/> BEC		
Code	Description	
TOTAL	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
01	Name: Live animals Description: Live animals	Data Availability Snapshot
02	Name: Meat and edible meat offal Description: Meat and edible meat offal	Data Availability Snapshot
03	Name: Fish, crustaceans, molluscs, aquatic invertebrates nes Description: Fish & crustacean, mollusc & other aquatic invertebrate	Data Availability Snapshot
04	Name: Dairy products, eggs, honey, edible animal product nes Description: Dairy prod; birds' eggs; natural honey; edible prod nes	Data Availability Snapshot
05	Name: Products of animal origin, nes Description: Products of animal origin, nes or included.	Data Availability Snapshot
06	Name: Live trees, plants, bulbs, roots, cut flowers etc Description: Live tree & other plant; bulb, root; cut flowers etc	Data Availability Snapshot
07	Name: Edible vegetables and certain roots and tubers Description: Edible vegetables and certain roots and tubers.	Data Availability Snapshot
08	Name: Edible fruit, nuts, peel of citrus fruit, melons Description: Edible fruit and nuts; peel of citrus fruit or melons.	Data Availability Snapshot
09	Name: Coffee, tea, mate and spices Description: Coffee, tea, mate and spices.	Data Availability Snapshot
10	Name: Cereals Description: Cereals	Data Availability Snapshot

Figure 84: commodity list for classification HS1996 (partial view)

⁷ A metadata item describes a data item

Clicking a node commodity code expands it to its lower level, and so on, until a leaf code is reached, as illustrated below:

Code	Description	
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
<u>02</u>	Name: Meat and edible meat offal Description: Meat and edible meat offal	Data Availability Snapshot
<u>0201</u>	Name: Meat of bovine animals, fresh or chilled Description: Meat of bovine animals, fresh or chilled.	Data Availability Snapshot
<u>020110</u>	Name: Bovine carcasses and half carcasses, fresh or chilled Description: Carcasses and half-carcasses	Data Availability Snapshot
<u>020120</u>	Name: Bovine cuts bone in, fresh or chilled Description: Other cuts with bone in	Data Availability Snapshot
<u>020130</u>	Name: Bovine cuts boneless, fresh or chilled Description: Boneless	Data Availability Snapshot

Figure 85: expanding the 02 node and its descendant(s)

[Data Availability](#) and [Snapshot](#) links have already been described.

2.4.2. Country List

'Country list' is the second entry in the Metadata & Reference menu:

Country List

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Input keywords:

Country List

Total countries defined : 275

Code	Name	ISO	Valid Years	
4	Abbreviation: Afghanistan Full Name: Afghanistan Description: N/A Comment: N/A Type: Reporters/Partners	AF/AFG	1962 - Now	Data Availability Explanatory Notes Snapshot ITC Country Profile Trade Compilation
472	Abbreviation: Africa CAMEU region, nes Full Name: Africa CAMEU region, not elsewhere specified Description: N/A Comment: N/A Type: Partners Only	N/A	1962 - Now	N/A
8	Abbreviation: Albania Full Name: Albania Description: N/A Comment: N/A Type: Reporters/Partners	AL/ALB	1962 - Now	Data Availability Explanatory Notes Snapshot ITC Country Profile Trade Compilation
12	Abbreviation: Algeria Full Name: Algeria Description: N/A Comment: N/A Type: Reporters/Partners	DZ/DZA	1962 - Now	Data Availability Explanatory Notes Snapshot ITC Country Profile Trade Compilation

Country first letter or keyword filter

Links

Figure 86: Country list – all countries selected (partial view)

We see the ISO country codes and data collection year range for each country. A country selection can be achieved through a first-letter list.

The first three links have already been described with the Query processor they use. The ITC⁸ Country Profile entry is particularly interesting:

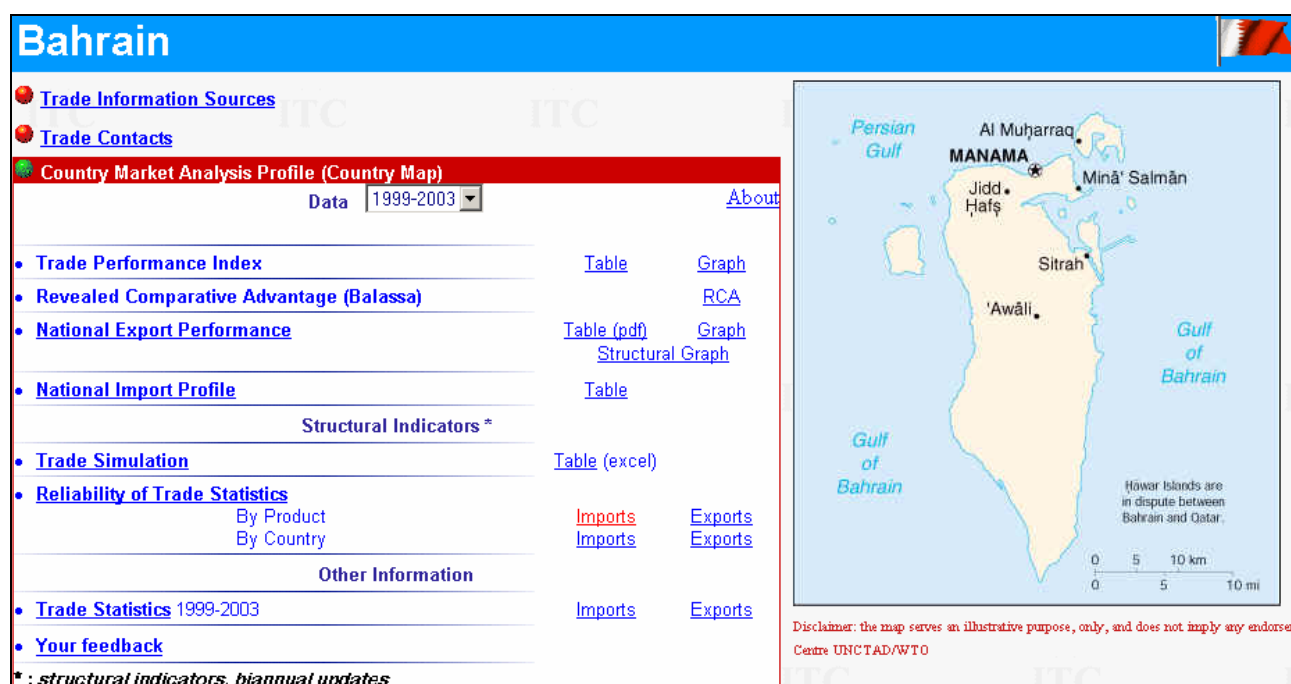


Figure 87: ITC country information (Bahrain selected here)

The links in this interface display economic data in PDF (Adobe) or Excel format; for instance:

Imports of Bahrain									
RANK	HS Code and product label	Imports 2003 (US\$ m.)	Net imports 2003 (%)	Import growth 99-2003	Group import growth (%)	Share in world (%)	Leading exporting countries		
							1st	2nd	
.	ALL GOODS	5,384	.	.	9	.	.	.	.
.	ALL GOODS (WTO)	5,116	-1,248	.	.	.	.	.	.
32	0104 Live sheep and goats	20	20	21	18	2.5	AUS 71	SAU 11	
25	0207 Meat & edible offal of poultry meat	23	23	1	5	0.2	BRA 64	CHN 11	
37	0402 Milk and cream, concentrated or sweetened	18	17	.	5	0.2	NLD 27	SAU 19	
34	0406 Cheese and curd	19	19	5	1	0.1	AUS 26	DNK 19	
26	1006 Rice	22	22	-7	-7	0.4	PAK 73	IND 22	
28	1905 Bread, biscuits, wafers, cakes and pastries	22	12	.	8	0.2	SAU 28	ARE 10	
24	2009 Fruit & vegetable juices, unfermented	23	18	.	14	0.3	SAU 67	KWT 11	
31	2208 Spirits, liqueurs, other spirit beverages, alcoholic preparations	20	20	.	8	0.2	GBR 77	FRA 7	
14	2402 Cigars, cheroots, cigarillos & cigarettes	28	28	.	-5	0.2	USA 51	GBR 35	
10	2523 Cements, portland, aluminous, slag, supersulfate & similar hydraulic cer	39	39	.	14	0.9	SAU 72	ARE 25	
4	2601 Iron ores & concentrates; including roasted iron pyrites	65	-177	5	5	0.6	BRA 77	IRN 23	
35	2708 Pitch & pitch coke, obtained from coal tar or from other mineral tars	18	18	.	13	5.5	DEU 61	BEL 39	
1	2710 Petroleum oils, not crude	2,080	-2,601	.	21	1.4	nes 99	ARE 0	
18	2713 Petroleum coke, petroleum bitumen & other residues of petroleum oils	26	26	.	6	0.7	KWT 58	BRA 27	
3	2818 Aluminium oxide (incl artificial corundum); aluminium hydroxide	209	209	.	27	3.6	AUS 100	NLD 0	

Figure 88: ITC country information for Bahrain - National Import Profile selected (partial view)

We won't discuss this ITC interface to any longer extent, for it is not directly related to the Joint System application.

⁸ International Trade Centre

The last link in the Country list is *Trade Compilation*. Clicking it in a country record (see [fig. 86](#)) brings up the following interface:

International Merchandise Trade Statistics National Compilation and Reporting Practices

Introduction | **Research countries** | Research questions | List of UN recommendations

AZERBAIJAN

41 answers comply with UN recommendations (blue). (78.8%)
 11 answers do not comply with UN recommendations (red, with ?). (21.2%)
 0 questions have no answer. (0%)
 Click on any question to see all responses to that question.

[\[Back\]](#)

1. Do you include in trade statistics non-monetary gold?	YES
2. Do you include in trade statistics trade on government account?	YES
3. Do you include in trade statistics military goods?	YES
4. Do you include in trade statistics electricity, gas and water?	YES
5. Do you include in trade statistics postal items?	YES
6. Do you include in trade statistics goods used as carriers of information and software (not to order)?	YES
7. Do you include in trade statistics trade in marine vessels and aircraft that engage in international traffic?	YES
8. Do you include in trade statistics mobile equipment (i.e. drilling rigs) operating in international waters?	YES
9. Do you include in trade statistics goods delivered to and from offshore installations located in the economic territory of the compiling country?	YES
10. Do you include in trade statistics trade in products mined from the seabed in international waters?	NO ?
11. Do you include in trade statistics bunkers, stores, ballast and dunnage supplied to foreign vessels or aircraft in the national territory?	YES

Answers to
UN questions

Figure 89: Trade Compilation for Azerbaijan (partial view)

This form is essentially a country report on national compilation and reporting practices in international merchandise trade statistics. It lists the answers to a series of 156 questions sent to countries, asking them:

- what they include in trade statistics (e.g., postal items, products mined from the seabed...),
- which trade system they use (general, special),
- which classification system they use (e.g., SITC, HS),
- what sources they use (e.g., customs declarations),
- how quickly they report their data, ...

For 52 of the 156 questions there is a UN recommendation on what countries should do.

When an answer doesn't comply with the corresponding UN recommendation (if any), it appears in **red** and is flagged with a question mark (?), like entry 10. above. A non-complying answer can be YES or NO. Complying answers appear in blue. Answers to questions that haven't a UN recommendation appear in grey.

The Trade compilation form also includes links to publications, explanatory texts and specific statistical reports. These topics are considered beyond the scope of this Manual.

2.4.3. Explanatory Notes

Clicking this entry brings up the following form:

Explanatory Notes - by Reporter

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Input keywords:

Search Results

Number of reporters: 245

Code	Name	Years
4	Afghanistan View Description	1967MX , 1968MX , 1969MX , 1970MX , 1971MX , 1972MX , 1973MX , 1974MX , 1975MX , 1976MX , 1977MX , ALL
8	Albania View Description	1996MX , 1997MX , 1998MX , 1999MX , 2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL
12	Algeria View Description	1968MX , 1969MX , 1970MX , 1971MX , 1973MX , 1974MX , 1975MX , 1976MX , 1977MX , 1978MX , 1979MX , 1980MX , 1981MX , 1982MX , 1983MX , 1984MX , 1985MX , 1986MX , 1987MX , 1988MX , 1989MX , 1990MX , 1991MX , 1992MX , 1993MX , 1994MX , 1995MX , 1996MX , 1997MX , 1998MX , 1999MX , 2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL
20	Andorra View Description	1995MX , 1996MX , 1997MX , 1998MX , 1999MX , 2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL
24	Angola View Description	1962MX , 1969MX , 1970MX , 1971MX , 1972MX , 1973MX , 1974MX , 1978X , 1979X , 1980X , 1981X , 1985M , 1990X , 1991X , ALL
660	Anguilla View Description	2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL
28	Antigua and Barbuda View Description	1973MXR , 1974MXR , 1975MXR , 1977MXR , 1978MXR , 1981MXR , 1999MXR , 2000MXR , ALL
32	Argentina View Description	1967MX , 1968MX , 1969MX , 1970MX , 1971MX , 1972MX , 1973MX , 1974MX , 1975MX , 1976MX , 1977MX , 1978MX , 1979MX , 1980MX , 1981MX , 1982MX , 1983MX , 1984MX , 1985MX , 1986MX , 1987MX , 1988MX , 1989MX , 1990MX , 1991X , 1992MX , 1993MX , 1994MX , 1995MX , 1996MX , 1997MX , 1998MX , 1999MX , 2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL
51	Armenia View Description	1997MX , 1999MX , 2000MXR , 2002MXR , 2003MXR , 2004MXR , ALL
533	Aruba View Description	1988MX , 1989MX , 1990MX , 1991MX , 1995MX , 1996MX , 1997MX , 1998MX , 1999MX , 2000MX , 2001MX , 2002MX , 2003MX , 2004MX , ALL

Country first letter or keyword filter – see previous

Figure 90: Explanatory Notes – all countries selected (partial view)

The View Description link gives the same results as the [Country list](#) entry –for the associated country only. Clicking a year in a country entry brings up the already met [detailed report](#):

Explanatory Note in Detail

Step 1. Select Selection Filter

Reporter:
Year:

Step 2. View Search Results

Reporter	Reported Classification	Reported Currency	Trade Flow	Currency Conversion Factor	Trade System	Valuation	Partner
Azerbaijan (2004)	HS2002	USD	Import	1.000000	General	CIF	Origin
Azerbaijan (2004)	HS2002	USD	Export	1.000000	General	FOB	Destination

Cost Insurance and Freight

Free On Board

Figure 91: detailed Explanatory Note for Azerbaijan

2.4.4. Glossary

This menu entry displays a general glossary of terms used in the Joint System application. The picture below reproduces the first entries in this glossary:

Glossary

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	All
Term List																										
Total terms defined : 18																										
Term	Description																									
Commodity Classification	<p>The complex nature of the basic customs and statistical needs makes it necessary to have a rather detailed commodity classification. The Harmonized Commodity Description and Coding System (Harmonized System, or HS), or extended versions based on HS, such as the Combined Nomenclature used by the countries that are members of the European Union provide such details. Classification using these nomenclatures is based on the nature of the commodity. However, for analytical purposes, such a division of products is not the most appropriate. Commodity categories more suitable for economic analysis are provided by the Standard International Trade Classification, Revision 3 (SITC, Rev.3), which classifies commodities according to their stage of production.</p>																									
Conversion of data from one classification to another	<p>A correlation between two classifications (e.g., A and B) is a description of the relationship between the scope of their headings. That relationship can be established by means of two tables: the table correlating headings of A to B and the table correlating headings of B to A. Each table defines the scope of the headings of one classification in terms of the scope of the headings of the other. If the scope of a given heading of classification A coincides with the scope of a single heading of classification B (a "one-to-one" relationship), the correlation of that heading to classification B is definite. If the scope of a given heading of classification A is distributed among several headings of classification B (a "one-to-many" relationship) the correlation of that heading to classification B is split. Correlation tables usually contain both definite and split correlations.</p> <p>While various users of classifications often prepare correlation tables for their own internal purposes, official versions are generally issued by the organization which maintains one or both of the classifications involved. Whenever successive versions of the same classification are produced, a correlation table between the headings of the revised and original versions is issued. A reverse table, showing the correlation between headings of the original and revised versions, is also frequently produced. Correlation tables enable users to express data in various versions of a classification in order to obtain a continuous time series. However, if the scope of a heading of one version is split between several headings of the other version an exact correlation becomes impossible and there is a discontinuity in the corresponding statistical series. For data processing purposes it is often desirable to substitute a split correlation by an approximate, but one-to-one correlation. Such approximations are warranted if the scope of the correlated headings is quite similar. However, differences in scope between certain basic headings may be so great that no meaningful one-to-one correlation is possible at that level. In such a case, a correlation can only be established between basic headings of one version and the higher level headings of the other version.</p>																									
Date of recording	<p>The IMTS recommends that goods be included at the time when they enter or leave the economic territory of a country. In the case of customs-based data-collection systems, which provide the compiler with a choice of dates at which transactions may be recorded, consistency strongly suggests that a single date be adopted for all transactions. It is recommended that the time of recording be the date of lodgement of the customs declaration since that</p>																									

Figure 92: general application glossary (partial view)

(Continued on the next page)

An interesting entry in this glossary is the list of quantity codes:

Quantity Unit	0:Not reported
Reference	1:No Quantity (all quantities zero, standard if 0-3 digits)
	2:Area in square metres
	3:Electrical energy in thousands of kilowatt-hours
	4:Length in metres
	5:Number of items
	6:Number of pairs
	7:Volume in litres
	8:Weight in kilograms

Figure 93: list of quantity codes in the glossary

We met these codes in a variety of reports.

As usual, a first-letter selection can be carried out.

2.5. Subscription

Guest Users can become Registered Users and gain full access to Comtrade by paying an annual fee. The Subscription menu in the main interface is reproduced below:

Subscription
Why Subscribing?
Subscription Prices
Order Form (in Word)

Figure 94: Subscription menu

These three entries are discussed below.

2.5.1. “Why Subscribing?”

As already mentioned, connecting as Guest (i.e., with no ID, password or recorded address) doesn't provide the User with full Joint System application services.

The following paragraph is reproduced from the “Why subscribing?” entry display:

As a guest user, you can get free data. However, there are some limitations. A guest
• cannot download data
• cannot create favorites or customized groups
• cannot save a query
• cannot execute elaborate data requests
• cannot set an alert notification for batch processing

Figure 95: “Why Subscribing?”

This is why subscribing to an individual or site license and becoming a registered User may be interesting to most trade Statisticians.

2.5.2. Subscription Prices

The Subscription Prices link sets out the subscription options and fees in a form that is reproduced below. This form is copied from the online Help (*for information only*):

Subscription

Specifically, for access by subscription with download capabilities the following options are available:

Option Single User*	Commercial Rate	Not for Profit Rate
Option 1 up to 100,000 records	\$ 100	\$ 100
Option 2 up to 1,000,000 records	\$ 500	\$ 400
Option 3 up to 5,000,000 records	\$ 2,000	\$ 1,500
Site License (multiple users access)	\$ 5,000	\$ 3,750

1. All subscriptions have a time frame of one year counting from the day when the subscription is activated. The "Not for Profit rate" is for academic institutions, government, inter-government organizations and NGOs.

2. For residents of countries on the favorable country list [favorable country list](#) a 50% discount on all subscription options is available, for residents of countries on the [most favorable country list](#) the discount is 75%.

3. The multiple user access to UN Comtrade is IP controlled. On the basis of the IP addresses of the institute the users have automatic access to UN Comtrade. There is no limit on the number of records which can be downloaded.

4. Institutes, especially university libraries and government organizations, can receive a Site License for a trial period of one month (with limited download). Please send a request to comtrade@un.org.

To Subscribe online: click [UN Publications Online](#)

To Subscribe offline: click [HERE](#) (or download in Word format Click [HERE](#))

Option 1
A quick solution at a very reasonable price; it's a single user annual access. You are authorized to download up to 100,000 records. Access via username and password.

Option 2
Single annual user access. You are authorized to download up to 1,000,000 records. Access via username and password.

Option 3
Single annual user access. You are authorized to download up to 5,000,000 records. Access via username and password.

Option 4
Site license allows you to multiple users access. The access to UNComtrade is IP controlled. You can download an unlimited number of records.

User license

Site license

One-month free site license

On-line subscription

Download Word
subscription document

Figure 96: Subscription options and fees (partial view)

2.5.3. Order Form

Finally, a registration form is provided by clicking the Order Form entry. This form is reproduced below:

United Nations Comtrade Order Form		
Please send your order by mail or fax: +1-212-963-3489		
I would like to subscribe to:		
Option Single User*	Commercial Rate	Not for Profit Rate
Option 1 up to 100,000 records	\$ 100	\$ 100
Option 2 up to 1,000,000 records	\$ 500	\$ 400
Option 3 up to 5,000,000 records	\$ 2,000	\$ 1,500
Site License* (multiple users access) (for specific details on how to set up this option, contact UN Publications)	\$ 5,000	\$ 3,750

Option	Price in US\$
Total cost	\$

Prepayment is required for subscription orders.

Payment Information:

Check or Money Order Enclosed (Payable to "UN Publications" in US\$)
 Orders paid by check will be held for 10 days or until the check clears.
 Use of a Credit Card will expedite your order.

Charge my Credit Card: Visa MasterCard American Express JCB

Ac.# _____ Exp. ____/____/____

Signature: _____

Please give subscriber details:

Name: _____

Institution: _____

Figure 97: Order Form (partial view)

Notice that the Subscription Price form has Online and Word download [subscription links](#).

2.6. Support

The Support menu includes the following entries:

Support
Service Message RSS
Comtrade SDMX
Comtrade RSS
Comtrade Features
Help Index
Question & Answer
Contact Us

Figure 98: Support menu

These entries provide online Help and remote communication with UNSD. Since they are by nature strongly User-oriented, we won't describe them but briefly. For some entries, we just reproduce the form they display.

2.6.1. Service Message

Clicking this entry displays the latest Joint System Application informative messages, for instance the latest data upload operations:

Messages
Total messages : 40
New/updated data sets: 1 data sets were uploaded. 1 data sets were uploaded on 03 Nov 2005. Click here to go to Data Availability by Date of Loading. created at 11/3/2005 11:00:02 PM
New/updated data sets: 6 data sets were uploaded. 6 data sets were uploaded on 02 Nov 2005. Click here to go to Data Availability by Date of Loading. created at 11/2/2005 11:00:01 PM
New/updated data sets: 75 data sets were uploaded. 75 data sets were uploaded on 01 Nov 2005. Click here to go to Data Availability by Date of Loading. created at 11/1/2005 11:00:01 PM
New/updated data sets: 168 data sets were uploaded. 168 data sets were uploaded on 25 Oct 2005. Click here to go to Data Availability by Date of Loading. created at 10/25/2005 11:00:02 PM

Figure 99: Service Message display (partial view)

Notice that, for each data upload entry, a link provides data availability by [date of loading](#). The 'What's New' link in the [main interface](#) displays the same kind of information in an abbreviated format.

(Continued on the next page)

Messages can also relate to new Comtrade references, like in the two entries below:

<p>Addition of BEC classification to UN Comtrade for years 1998 to present</p> <p>UN Comtrade has added one more classification to its existing set of 6. In addition to the 3 editions of the Harmonized System and the 3 revisions of the SITC, the BEC classification gives a broader economic outlook on trade in commodities. These Broad Economic Categories split trade into Primary and Processed products and, for instance, into Consumption and Capital goods. BEC will be available for the years 1988 and later. For more details on BEC see the UN Classification Registry.</p> <p>created at 6/20/2005 4:37:02 PM</p>
<p>The release of ECLAC "Sistema Interactivo Gráfico de Datos de Comercio Internacional"</p> <p>We are pleased to announce the "Sistema Interactivo Gráfico de Datos de Comercio Internacional" (SIGCI) from ECLAC.</p> <p>The country and commodity groups were defined by ECLAC and SIGCI pulls the aggregated data via UN Comtrade Web Service.</p> <p>created at 6/20/2005 9:15:42 AM</p>

Figure 100: other Service Message entries

Clicking the RSS button at the right of the entry displays the same information as fig. 99, but in [RSS](#) format:

```
- <rss version="2.0">
- <channel>
  <title>UN Comtrade Service Message</title>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx</link>
  <description>RSS Feed of any kind of messages: announcements, service updates, FAQs, etc</description>
  <language>en-us</language>
- <item>
  <title>New/updated data sets: 112 data sets were uploaded.</title>
  <description>112 data sets were uploaded on 11 Jan 2006.<br><br><a href='http://unstats.un.org/unsd/comtrade/mr/daYearsNewResults.aspx?date=11 Jan 2006 '>Click here to go to Data Availability by Date of Loading.</a></description>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx?rowID=90</link>
  <pubDate>1/11/2006 11:00:01 PM</pubDate>
  <guid isPermaLink="true">http://unstats.un.org/unsd/comtrade?rowID=90</guid>
</item>
- <item>
  <title>New/updated data sets: 141 data sets were uploaded.</title>
  <description>141 data sets were uploaded on 10 Jan 2006.<br><br><a href='http://unstats.un.org/unsd/comtrade/mr/daYearsNewResults.aspx?date=10 Jan 2006 '>Click here to go to Data Availability by Date of Loading.</a></description>
  <link>http://unstats.un.org/unsd/comtrade/help/ServiceMessage.aspx?rowID=89</link>
  <pubDate>1/10/2006 11:00:01 PM</pubDate>
  <guid isPermaLink="true">http://unstats.un.org/unsd/comtrade?rowID=89</guid>
</item>
```

Figure 101: Service Message display – RSS format (partial view)

2.6.2. Comtrade SDMX

This is just a link to an explanatory text about the SDMX format and capabilities, with links to related sites and capabilities to download SDMX keys.

The *Data Transfer Mechanism* document gives a few details about SDMX and its usage by the Joint System Application.

2.6.3. Comtrade RSS

RSS stands for 'Rich Site Summary'. It is a new, XML-format way to publish information on line. This label has already been met before some of the Joint System Application links; see for instance [fig. 1.](#), a global view of the main interface. [Registered](#) Users can get Upload news via RSS.

Clicking this entry loads introductory pages to RSS with definitions, links to related sites and links to published papers.

2.6.4. Comtrade Features

This function provides a valuable global introduction to the Joint System Application.

Clicking this link displays the following multi-tab form:

Comtrade Features

Data

Access

Favorites

User Preferences

Data Selection

Data Availability

- Data availability

Availability of data depends on in what classification and when comtrade data are reported by countries. Comtrade have all reported data in their original classification and converted data (from original one) to all possible classifications. For example: Country X reported 1997 data in HS88, thus comtrade will stored X's 1997 data in HS88, SITC.3, SITC.2 and SITC.1. Go to [here](#) to view loaded data.

- Data Download

Comtrade guest couldn't download. However, **registered user** could download data in text file (using CSV format). User could also be assigned the maximum number of records that can be downloaded. The site licenses users will have unlimited number of records for downloading.

User can download in two ways: **direct mode** or **batch mode**. The direct mode gives the data immediately but only suitable for a simple and small query (no groups and less than 150 thousands records). More complex query and huge data download needs to use batch mode (unattended download, the link to the compressed result file will be sent via email)

Maximum records shown in [Account Info](#) page:

- You have so far downloaded 6 records and given your maximum of 500,000 records, you could still download 499,994 records.

- Data Pricing

Please go to [Subscription Prices](#). We also keep track of download data in [Data Download History](#) page.

Data download history

- Number of downloads: 1 times.
- You have so far downloaded 6 records and given your maximum could still download 499,994 records.

Log Time	Downloaded Records
9/19/2002 2:34:00 PM	6

- Data Restriction

Comtrade is capable for enforcing data restriction for certain users. For examples: User X is assigned **Trade With US Only**. See screen snapshot below:

- Your latest recorded data query was on 10/22/2002 10:57:16 AM.
- Your access has been restricted to **Trade with US Only**.

Thus, user X could only view trade data that has US as reporter or US as partner. If X wants to see trade between France and Sweden, he will get nothing. This restriction could be defined in any possible combinations of commodities, reporters, partners, years, trade flows, filtering by trade value, etc

By default, all public users get the "Normal View" restriction. This view lets access to all comtrade data except the data reported by Taiwan, Province of China due to political reasons. However, at the trading partner side, Taiwan is included in partner "Asia Other, not elsewhere specified" (Code 490).

Figure 102: Comtrade Features – Data tab

Users should have a look at each tab.

2.6.5. Help Index

The Help Index page is reproduced below:



Figure 103: Help Index menu in the main interface

(Continued on the next page)

- **First Time User** is an introduction to Comtrade and provides beginners with useful query scenarios. The First Time User page is reproduced below:

How to use the UN Comtrade web site?

Depending on what you are looking for and your knowledge/experience of the UN Comtrade system, the web site offers a flexibility of finding the trade data that you need. Consider the scenarios below:

When you are totally new to the comtrade system, start with ...

[Comtrade Explorer](#). The only thing, you need to enter is "search term". It could be the name of the countries, the countries abbreviations, a commodity key word or a year. Examples: "aircraft" or "aircraft engine"

OR

Quick Search (available in all pages). Quick Search was designed to provide a connection to any information in UN Comtrade system, including glossary or help pages. Tries to type "help" or "glossary" or "Niger" or "shoe", the Quick Search will even give you the results after you type a first character.

When you want to know the data availability of the certain countries reporters or commodities or years, start with ...

1. Basic Data Availability, choose either: [reporters](#), [commodities](#) or [years](#) sub menu.
2. Interactive or Graphical Data Availability, choose either: [Interactive](#) or [InGraph](#)
3. Data Availability with loading date information, choose [by Date of Loading](#)

When you want to know the description of certain commodities or countries, or list of all commodities or countries, start with ...

1. Metadata and Reference menu, choose either: [Country List](#) or [Commodity List](#) sub menu

When you know what you are looking for (ex: Indonesia's Import of "rice" in the year 2000), but you are not familiar with the codes (UN code of Indonesia is 360), start with ...

1. [Basic Selection](#)
2. [Shortcut Query](#)

When you know what you are looking for, and you are quite familiar with the codes, start with ...

1. [Express Selection](#)

When you want to know about UN Comtrade Glossary, start with ...

1. [Glossary](#)

Advanced Features: My Comtrade

UN Comtrade Web Site offers several features for personalization. User could save the query (we called it Saved Queries), save individual items as favorites, such as commodity favorites, reporter favorites, partner favorites and year favorites. Even user could define their own country groups (which combined several reporters) or commodity groups. We also defined the global country groups, so a user could just "attach" to favorites it and use it later in Basic Selection or Express Selection.

User could customize his/her FrontPage and Download Format, or even he/she could submit a query into a batch (and an e-mail notification will be sent, after the completion). With this, user could avoid having a "Time out" message and have a "powerful" research tools.

For a detail explanation of UN Comtrade Features, [click here](#) or see UN Comtrade Presentation (above).

Figure 104: query scenarios in Help menu (partial view)

The 'First Time User' link is also present on the top right part of the main [interface](#) (fig. 1):



Figure 105: Direct access to First Time User Help

- *Basic Selection* and *Express Selection* introduce the already discussed query processors.
- *Limitations* defines the already mentioned Comtrade limits and requirements.
- *Tips* provides the User with the usual –and useful– advice. The Tips page is reproduced below:

Tips

Here are the tips for using Comtrade application effectively:

- **Define favorites:** It's advisable to define your favorites first. It will save you some time later.
- **Find your way:** To arrive to same results, you could use different ways. Use one that you think the most efficient.
- **Specify more in Text Search:** To decrease number of results, use more than one keyword and use the "AND". Instead of saying only "hair", specify more with "human hair" or "human AND hair"
- **Text Search:** The text search could search more than just a text, you could enter ISO code for countries or just commodity codes.
- **Follow the steps:** In almost of the pages, we included the steps which you should followed.
- **Set your download format:** It could probably save download time and reduce file size.

Figure 106: Tips form in Help menu

2.6.6. Questions and Answers

This page contains the usual FAQ sequence and their answers. A part of it is included below:

Question and Answer

Q What is IP Users Personalization and how to use it?

A With IP Users Personalization, an IP User, identified by the organization IP Addresses, will be able to use all the personalization features such as customize the download format, save the query or create the favorites. IP users will be allowed to submit a batch that will help them to download a huge data (up to 20 million records / batch request) and to analyse the large data with custom groupings (otherwise timeout message will be given). The user will be able to use all the features under "My Comtrade" menu.

Here are the necessary steps (IP user is identified by his/her email address):

1. Go to <http://unstats.un.org/unsd/comtrade/>
2. In "Comtrade Access" title (middle right screen), there should be a text that says : "In order to use the personalization features, please type your email address at Account Info"
3. Click the Account info link or go to <http://unstats.un.org/unsd/comtrade/u/uAccountInfo.aspx>
4. Type your email address. This email address serves as a unique identifier within organization. The result of batch submission will be sent to this email address.
5. click Update.

Q How to gain a full access to Comtrade database?

A You could subscribe to become a registered user and to have a full access to comtrade features. Unregistered users could use **guest** account to login (with many restrictions).

Q What about Comtrade Coverage?

A Every year between 120 to 140 countries or areas report their merchandise trade statistics to the United Nations. The market share of these reporting countries together covers more than 90% and maybe even as much as 95% of World trade.

Each of these countries report the trade by commodity and trading partner. The trading partners may cover around 230 different countries or areas, excluding regional NES (not elsewhere specified) areas.

Figure 107: frequently asked questions and their answers (partial view) – some may be outdated

2.6.7. Contact Us

Comtrade Users can send their feedback (issues, suggestions...) to UNSD developers and administrators through the following form:

Feedback

Please leave your feedback in this form or you could email us at comtrade@un.org.
Please kindly check [Question and Answer section](#) before leaving a feedback.

You have to make sure that your browser supports Cookies, JavaScript, and JavaApplets to use the comtrade web application. Please view your browser capabilities below:

Type = IE6
Name = IE
Version = 6.0
Platform = Win2000
Supports Cookies = True
Supports JavaScript = True
Supports Java Applets = True

Step 1. Write your Name (optional)

Step 2. Write your Organization (optional)

Step 3. Write your Email address

Step 4. Select feedback category

Subscription Info

Step 5. Write your feedback

Figure 108: feedback form

Fields 3 to 5 are required.

The Feedback category can be selected from a combo:

Step 4. Select feedback category

Subscription Info

Bug Report

General Request

Question

Subscription Info

Subscription Request

Suggestion

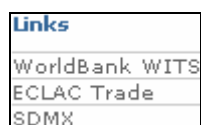
Undefined

Figure 109: Feedback category selection

Clicking Continue sends the form to the people concerned.

2.7. Links

Connections to related sites are possible through the Links menu:



Links
WorldBank WITS
ECLAC Trade
SDMX

Figure 110: links to related sites

[ECLAC](#) and [SDMX](#) have already been mentioned in the Support section.

WITS is an economic data compilation Comtrade is part of, as illustrated below:



The **World Integrated Trade Solution** (WITS) is a software developed by the World Bank, in close collaboration with the United Nations Conference on Trade and Development (UNCTAD).

WITS gives you access to the major trade and tariffs data compilations :

- The **COMTRADE** database maintained by the UNSD;
- The **TRAINS** maintained by the UNCTAD;
- The **IDB** and **CTS** databases maintained by the WTO.

Figure 111: WITS home page (partial view)

3. The Main Interface (Registered User)

3.1. Overview

In [section 2](#), we described the Web Browser Client functions a Guest (i.e., non registered) User can run, and their inherent limitations. These limitations are summarized here (some of them have already been mentioned):

As a guest user, you can get free data. However, there are some limitations. A guest

- cannot download data
- cannot create favorites or customized groups
- cannot save a query
- cannot execute elaborate data requests
- cannot set an alert notification for batch processing

Figure 112: Guest User limitations – copied from the on-line Help

Notes on fig. 112:

1. “cannot download data” means in fact “*no direct data download*”. Remember that [SDMX](#) downloading is possible for a Guest User up to 1,000 records a day.
2. “cannot set an alert notification for batch processing”: in fact, Guest Users cannot submit a batch query.

All these limitations are cancelled when connecting as a Registered (or Subscriber) User. There are two ways to do so:

- by providing a known User ID and its associated password (*Individual license*);
- by connecting from a registered IP address (*Site license*).

[Section 2.5](#) explains how to get registered for an annual fee. How a [User ID / password](#) or a [registered IP address](#) and other User features can be defined is explained in the *Database Administrator Client Manual* – a document intended for Comtrade Administrators.

In section 3 of this document, only the functions and capabilities a Guest User isn't allowed to use will be discussed. This section will focus on the following Registered User capabilities:

- Download statistical data;
- Create and manage Sub Users (reserved to Master Users);
- Save the definitions of queries to use them later;
- Submit batch queries;
- Define and restore a User's working environment through the 'My Comtrade' menu.

In addition, Registered Users automatically get upload news (new available datasets, data availability by date) through the [RSS](#) capability; provided they have downloaded an RSS 'feed reader' from the Web (e.g., from Google. Visit, for instance, www.feedreader.com).

For each IP address access (or site license) that is granted, there is an associated Master User. This Master User, in addition to connecting through the IP address, has to provide a registered User ID / password pair. The Master User has special privileges among the site Users, such as creating global favorites that can be shared. They can also create and manage sub Users.

Master Users and the associated topics are discussed in the [IP Authentication](#) section.

3.2. The Two Authentication Modes

As mentioned above, there are two ways to log in so as to access the totality of Comtrade capabilities:

- as a *registered User*, by providing a Comtrade-registered User ID and the associated password;
- from a *registered Site*. In this case, the site IP address⁹ must be registered within Comtrade.

These two authentication modes are not totally equivalent: they imply some differences in the way the Application behaves. Due to the fact that a site license (registered IP address) is granted to several Users (typically, the employees of a company), individual features such as environment personalization cannot be granted, unless Comtrade knows the *email address* of each User. This point is [developed](#) later in this section.

We will first discuss the registered User environment then describe the [IP address mode](#) specificities.

3.3. User ID – Password Authentication (Individual License)

3.3.1. Connection – Home Page

Back to the initial Web Browser Client [Interface](#) (fig. 1), we can use the Comtrade Access fields (possibly after clicking the Log Off link) to connect as an individually registered User, via an ID and a password, and get a full access to the Application.

In the example below, a registered User ID and its associated password have been entered:

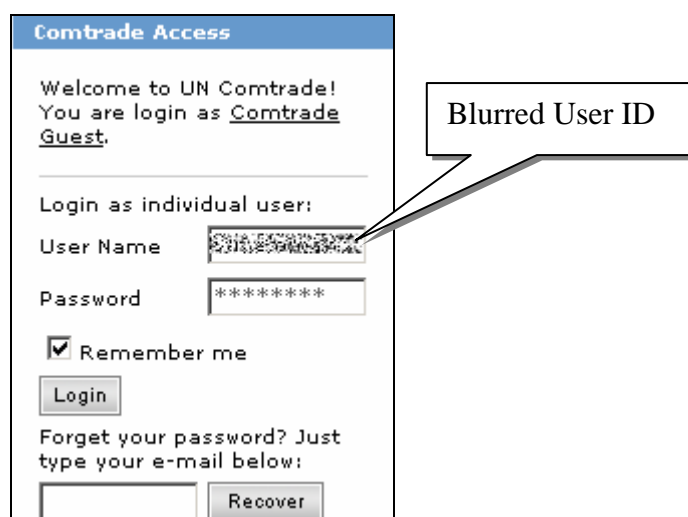


Figure 113: Comtrade Access interface – logging in as Registered User

Note: the User ID (labeled 'Name') in the picture above is blurred for confidentiality reasons; it appears clearly in the real interface.

If the 'Remember me' box is ticked, the entered User ID will be memorized and displayed in a list each time its first letter is typed in the textbox. The User can then select the proper User ID instead of typing it in its whole.

Finally, entering the User ID and the User email address, then clicking Recover will send an email with the User ID and the password to the provided address. This is a way to recover a forgotten password.

⁹ This will be the IP address of the Web access provider (often called 'router'), not the local network address of the connecting station.

Clicking Login brings up the Registered User main interface:

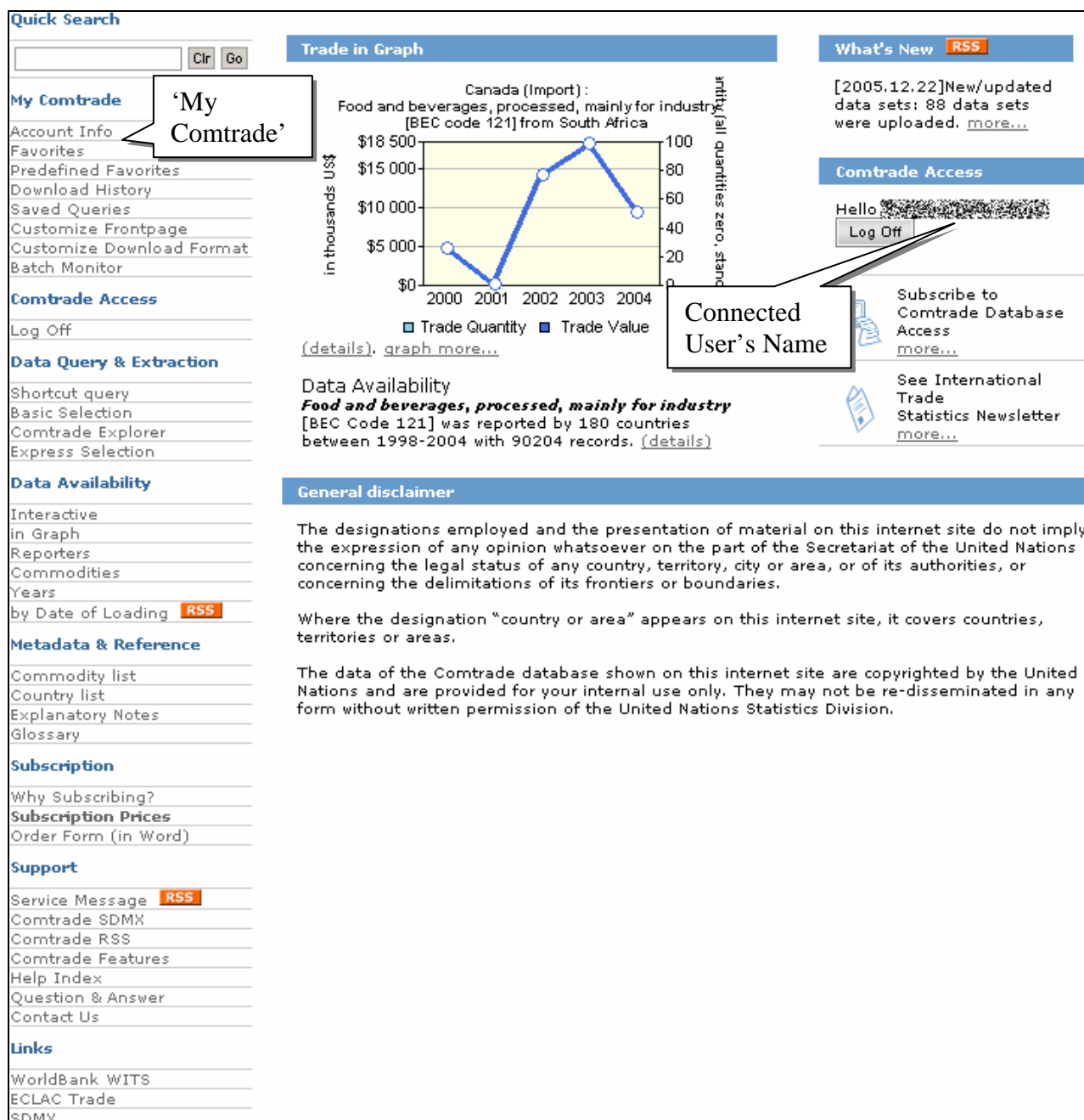


Figure 114: Registered User main interface – Shortcut Query and Trade in graph are examples

As already stated, only the functions and capabilities a guest User isn't allowed to use will be discussed here. An example of such functions is the 'My Comtrade' menu and its entries.

3.3.2. 'My Comtrade' Menu

We see that one of the differences with the Guest interface is the presence of an extra menu in the list of links at the left of the main interface:

My Comtrade
Account Info
Favorites
Predefined Favorites
Download History
Saved Queries
Customize Frontpage
Customize Download Format
Batch Monitor

Figure 115: 'My Comtrade' menu

The entries in this menu are discussed in the rest of this section. For consistency purposes, topics related to query saving/loading, data downloading and batch processing are fully described in the '[Additional Capabilities](#)' section.

3.3.2.1. Account Info

Clicking the Account Info link displays the following form:

Account Information

User Information

Account ID 333
 Login ID [blurred]
 Name [blurred]
 Organization OECD
 E-mail [blurred]@oecd.org
 Phone
 Fax
 In Mailing List No

Connected User's name and ID – blurred in this document only

Edit User Information

[Edit](#)

Activities Information

- Your favorites consist of 1 commodities, 1 reporters, 1 partners, 0 years, 1 country groups, 1 commodity groups, and 0 saved query profiles.
- You have so far downloaded 0 records and given your maximum of unlimited records, you could still download unlimited records.
- Your frontpage is a default one. Click [here](#) to modify it.
- Your download format is a default one. Click [here](#) to modify it.
- Your latest recorded data query was on 11/18/2005 8:08:38 AM.
- Your group is **Individual User Premium Service**.
- Your account will be expired at **01 Jan 2006**.

Links to Favorites

Account expiration date

Change your password

Old Password
 New Password

Figure 116: Account Information form

This page displays the connected User's personal data: ID, name, email... It also gives information on their 'Favorites', front page, group and so on. Front pages and groups are discussed later. Also notice the account expiration date: each registered User account is defined for a certain time period by the Comtrade Administrator.

The links in the three panes of the form give details as to Favorites or make it possible to change the User and Activities settings. These actions are described below, tagged with a '□' symbol.

- User Information – Edit (see [fig. 116](#))

Clicking this link displays the following interface, in which the User's features can be edited and saved (by clicking Update):

Figure 117: User Information update interface

- 'Activities Information' - Favorites

Clicking one of the 'Favorites' links (e.g., Commodities) displays the multi-tab Favorites interface. This interface is fully described in the [Favorites section](#).

- Change your password

The 'Change your password' function works like the usual Windows interface. A Comtrade password must be at least 8 characters long.

3.3.2.2. Favorites – Commodities

Favorites are pre-selected lists of items (e.g., commodities) that each User can define. Clicking the Favorites link in 'My Comtrade' displays the following page:

Figure 118: favorites display/update interface – Commodities selected - one favorite recorded

This form shows the current User's favorites by categories (Commodities, Reporters, Partners,...) and makes it possible to add new favorites or remove existing ones for each category. Changing the contents of an existing Favorite is also possible. In the example above, Commodities is selected and only one commodity set is registered as Favorite.

Common Global Favorites exist for any registered User. These [global favorites](#) are defined within Comtrade. The links in this form –and a few others– are discussed below. They are tagged with a '□' symbol.

We can display a detailed list of Favorites, with its name and the codes it contains, by selecting the 'Detail View' display option:

The screenshot shows the 'Commodities' section with tabs for Reporters, Partners, Years, Country Groups, and Commodity Groups. The 'Detail View' is selected. Below the tabs is a list of letters A-Z and 'All'. A link 'View pre-defined set of commodities' is present, followed by the text 'Total Commodities Favorites defined: 1'. The main section is titled 'Commodities favorite' and contains a form for 'Add new Commodities Favorite'. The form has fields for 'Name' (Textile products; Section XI (HS1996)) and 'Codes' (50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63). To the right of the form are links for 'Insert New', 'Edit', and 'Delete'. A callout box labeled 'Links' points to the 'Data Availability', 'View Snapshot', 'Edit', and 'Delete' links.

Figure 119: favorite commodities – detailed view

Description of the links:

- ❑ [Data Availability](#) has already been discussed in section 2.
- ❑ View Snapshot apparently wasn't implemented at the time this document was drawn up.
- ❑ Edit brings up more details about the selected Favorite entry:

The screenshot shows the 'Favorites - Commodities' section with the same tabs as Figure 119. The 'Detail View' is selected. Below the tabs is a list of letters A-Z and 'All'. A link 'View pre-defined set of commodities' is present, followed by the text 'Total Commodities Favorites defined: 1'. The main section is titled 'Commodities favorite' and contains a form for 'Add new Commodities Favorite'. The form has fields for 'Name' (Textile products; Section XI (HS1996)) and 'Codes' (50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63). To the right of the form are links for 'Update', 'Cancel', and 'Delete'. A 'Lookup' button is also present.

Figure 120: details about 'Textile products' Favorite

(Continued on the next page)

The Codes list displays the codes of the commodities the Favorite is made of. These codes can represent elementary or generic (i.e., with sub-codes) items. The Name and Codes fields can be updated. For instance:

The screenshot shows the 'Commodities favorite' interface. At the top, there are tabs for 'Commodities', 'Reporters', 'Partners', 'Years', 'Country Groups', and 'Commodity Groups'. Below these are buttons for 'List View', 'Detail View', 'No Paging', and 'With Paging'. A navigation bar contains letters A through Z and 'All'. A link 'View pre-defined set of commodities' is followed by the text 'Total Commodities Favorites defined: 1'. The main section is titled 'Commodities favorite' and contains a sub-header 'Add new Commodities Favorite'. Below this, the 'Name:' field contains 'Textile products bis; Section XI (HS' and the 'Codes:' field contains '50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61'. A callout box with the text 'Name and Codes Fields updated' points to these fields. To the right of the codes field are buttons for 'Update', 'Cancel', and 'Delete', and a 'Lookup' link.

Figure 121: Name and Codes fields of a commodity set – updates have been carried out

Clicking Update records the new definitions and leads back to the interface in [fig. 118](#). Cancel has the same effect but doesn't record the updates.

- ❑ Delete removes the associated Favorite entry.
- ❑ Insert New allows the User to include a new Favorite in their list:

The screenshot shows the 'Commodities favorite' interface. At the top, there are tabs for 'Commodities', 'Reporters', 'Partners', 'Years', 'Country Groups', and 'Commodity Groups'. Below these are buttons for 'List View', 'Detail View', 'No Paging', and 'With Paging'. A navigation bar contains letters A through Z and 'All'. A link 'View pre-defined set of commodities' is followed by the text 'Total Commodities Favorites defined: 2'. The main section is titled 'Commodities favorite' and contains a sub-header 'Add new Commodities Favorite'. Below this, the 'Name:' field contains 'Add new Commodities Favorite' and the 'Codes:' field is empty. To the right of the codes field are buttons for 'Insert', 'Cancel', 'Edit', and 'Delete', and a 'Lookup' link. Below the 'Add new' section, there is a list of existing favorites: 'Ores and metals' and 'Textile products bis; Section XI (HS1996)', each with 'Edit' and 'Delete' buttons.

Figure 122: the Insert New Favorite interface – nothing added yet

The User enters the Name of the new Favorite and the item codes it will contain. These codes can be keyed in, like in the example below:

The screenshot shows the 'Commodities favorite' interface. At the top, there are tabs for 'Commodities', 'Reporters', 'Partners', 'Years', 'Country Groups', and 'Commodity Groups'. Below these are buttons for 'List View', 'Detail View', 'No Paging', and 'With Paging'. A navigation bar contains letters A through Z and 'All'. A link 'View pre-defined set of commodities' is followed by the text 'Total Commodities Favorites defined: 2'. The main section is titled 'Commodities favorite' and contains a sub-header 'Add new Commodities Favorite'. Below this, the 'Name:' field contains 'An Example' and the 'Codes:' field contains '45,46,47,48,49,55'. To the right of the codes field are buttons for 'Insert', 'Cancel', 'Edit', and 'Delete', and a 'Lookup' link.

Figure 123: keying in the Name and Codes for a new Favorite

The User can also click the Lookup link (in red in [fig. 122](#)) to access the global Code storage in Comtrade and get a complete and friendly interface:

Figure 124: Lookup interface (item search / selection)

The following points stand out:

1. This [interface](#) has already been discussed at the beginning of this document.
2. The selected Items list is populated with the codes we previously typed in.
3. The [Select Source](#) combo, described in the guest User section, makes it possible to select from the whole item storage or a subset (including the current User's Favorites):

Figure 125: source selection for the item codes

Finally, back to the Insert interface in [fig. 122](#), clicking Insert shows the newly added entry:

Figure 126: User-created Favorite entry

- ❑ 'View pre-defined set of...' brings up a list of already defined category (here, Commodities) sets that can be selected as favorites by any registered Users (this is why they are called 'global' in this document):

Pre-Defined Commodities

Commodities	Countries	Years	Country Groups	Commodity Groups																							
List View	Detail View	No Paging	With Paging																								
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	All	
Total Commodities defined: 20																											
Commodity																											
Fats and Oils (animal or vegetable); Section III (HS1996)																								Copy to Commodity favorite			
Food																								Copy to Commodity favorite			
Footwear; Headgear; and Umbrellas; Section XII (HS1996)																								Copy to Commodity favorite			
Furniture;Toys; and other products; Section XX (HS1996)																								Copy to Commodity favorite			
Machinery; Section XVI (HS1996)																								Copy to Commodity favorite			
Manufactured products																								Copy to Commodity favorite			
Metal Products; Section XV (HS1996)																								Copy to Commodity favorite			
Mineral Products; Section V (HS1996)																								Copy to Commodity favorite			
Ores and metals																								Copy to Commodity favorite			
Paper products; Section X (HS1996)																								Copy to Commodity favorite			
Pearls and precious stones; Section XIV (HS1996)																								Copy to Commodity favorite			
Photographic instruments; Clocks; and Musical instruments; Section XVIII (HS1996)																								Copy to Commodity favorite			
Plastics and Rubber; Section VII (HS1996)																								Copy to Commodity favorite			
Prepared Foodstuffs; Beverages; and Tobacco; Section IV (HS1996)																								Copy to Commodity favorite			
Stone; Cement; and Glass products; Section XIII (HS1996)																								Copy to Commodity favorite			
Textile products; Section XI (HS1996)																								Copy to Commodity favorite			

Figure 127: global pre-defined favorites – Commodities selected (partial view)

Again we get a multi-tab interface that makes it possible to select Favorite sets in each category; here we keep using Commodities. An example of [pre-defined Country Groups](#) is given later in this document.

Notice that the original Favorite entry, "Textile products; Section XI (HS1996)" has probably been obtained from the global Favorite list. This entry has been changed to "Textile products bis; Section XI (HS1996)". Had it been saved with its original name, it would have remained local to the current User: global pre-defined items cannot be changed by Users.

To add a pre-defined entry to our current collection of favorites, we click the 'Copy to...' link for item 'Ores and metals'. We get the following confirmation message above the list of pre-defined commodities:

Commodities	Countries	Years	Country Groups	Commodity Groups
List View	Detail View	No Paging	With Paging	
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All				
Total Commodities defined: 20				
Selected Commodities has been copied to favorite.				
Click here to back to Commodities favorite				

Figure 128: new favorite included

There are also an alphabetical selection (Favorite name's first letter) and a detailed format for this pre-defined favorite list. Selecting 'Detail View' changes the display to:

Commodity	
Name: Fats and Oils (animal or vegetable); Section III (HS1996) Codes: 15 Data Availability View Snapshot	Copy to Commodity favorite
Name: Food Codes: 0, 1, 22, 4 Data Availability View Snapshot	Copy to Commodity favorite
Name: Footwear; Headgear; and Umbrellas; Section XII (HS1996) Codes: 64, 65, 66, 67 Data Availability View Snapshot	Copy to Commodity favorite
Name: Furniture; Toys; and other products; Section XX (HS1996) Codes: 94, 95, 96 Data Availability View Snapshot	Copy to Commodity favorite
Name: Machinery; Section XVI (HS1996) Codes: 84, 85 Data Availability View Snapshot	Copy to Commodity favorite

Figure 129: detailed list of pre-defined favorites (partial view)

Clicking 'here' in [fig. 128](#) leads back to the initial Favorites interface, with the new entry added –to compare with [fig. 118](#):

Commodities	Reporters	Partners	Years	Country Groups	Commodity Groups
List View	Detail View	No Paging	With Paging		
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All					
View pre-defined set of commodities | Total Commodities Favorites defined: 2					
Commodities favorite					
Add new Commodities Favorite			Insert New		
Ores and metals			Edit		Delete
Textile products bis; Section XI (HS1996)			Edit		Delete

Figure 130: new commodity favorite added

The links in this form are the same as those already met:

- ❑ Clicking Delete deletes the associated entry.
- ❑ Clicking Edit provides details on the entry, in a form similar to [fig. 120](#).

3.3.2.3. Favorites – Reporters/Partners/Year

The previous section is about Commodities: how to include them in Favorite lists. Other tabs in the [main Favorite interface](#) make it possible to carry out the same operations for other item categories: Reporters, Partners, Year, Country Groups and Commodity Groups, depending on the selected tab.

Comtrade behaves exactly the same for Commodity, Reporters, Partners and Years, with the exception that Years have no codes (they are selected directly by their four-digit value) and no global pre-selected values (although the 'View pre-defined...' link is still present).

As an example, the Reporters and Years interfaces are reproduced below:

Favorites - Reporters

Commodities	Reporters	Partners	Years	Country Groups	Commodity Groups
<div> <div>List View</div> <div>Detail View</div> <div>No Paging</div> <div>With Paging</div> </div>					
<div> <div>A</div><div>B</div><div>C</div><div>D</div><div>E</div><div>F</div><div>G</div><div>H</div><div>I</div><div>J</div><div>K</div><div>L</div><div>M</div><div>N</div><div>O</div><div>P</div><div>Q</div><div>R</div><div>S</div><div>T</div><div>U</div><div>V</div><div>W</div><div>X</div><div>Y</div><div>Z</div><div>All</div> </div>					
View pre-defined set of countries | Total Reporters Favorites defined: 2					
Reporters favorite					
Add new reporters favorite				Insert New	
Africa CAMEU				Edit	Delete
France				Edit	Delete

Figure 131: the Favorites interface – Reporters selected – two favorites recorded

Favorites - Years

Commodities	Reporters	Partners	Years	Country Groups	Commodity Groups
<div> <div>List View</div> <div>Detail View</div> <div>No Paging</div> <div>With Paging</div> </div>					
<div> <div>A</div><div>B</div><div>C</div><div>D</div><div>E</div><div>F</div><div>G</div><div>H</div><div>I</div><div>J</div><div>K</div><div>L</div><div>M</div><div>N</div><div>O</div><div>P</div><div>Q</div><div>R</div><div>S</div><div>T</div><div>U</div><div>V</div><div>W</div><div>X</div><div>Y</div><div>Z</div><div>All</div> </div>					
View pre-defined set of years | Total Years Favorites defined: 0					
Years favorite					
Add new years favorite				Insert New	

Figure 132: the Favorites interface – Reporters selected – no favorites recorded

3.3.2.4. Favorites – Country Groups / Commodity Groups

These two categories of Favorites deserve more explanation. The initial interfaces are identical to the ones already discussed, with the exception of a warning message that is commented later in this section:

Favorites - Country Groups

Reminder:
Please understand the implication of the "Aggregation Option" to a query with country groups.

Commodities **Reporters** **Partners** **Years** **Country Groups** **Commodity Groups**

List View **Detail View** **No Paging** **With Paging**

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

[View pre-defined set of country groups](#) | Total Country Groups defined: 1

ID	Country Group	
	Add new country group	Insert New
5627	North Africa	Edit Delete

Figure 133: the Favorites interface – Country Groups selected – one ‘favorite’ recorded

Countries can be grouped within Comtrade. A country group is considered as an entity with its name (North Africa in the example above). There is a pre-defined set of country groups that appears when clicking ‘View pre-defined...’:

Pre-Defined Country Groups

Commodities **Countries** **Years** **Country Groups** **Commodity Groups**

List View **Detail View** **No Paging** **With Paging**

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Total Country Groups defined: 35

Country Group	
ACP	Copy to favorite
Andean Common Market	Copy to favorite
APEC	Copy to favorite
ASEAN	Copy to favorite
Asia	Copy to favorite
Asia Former USSR	Copy to favorite
Asia Middle East	Copy to favorite
Asia Other	Copy to favorite

Figure 134: pre-defined country groups (partial view)

This interface has already been described (Commodity tab). The ‘Copy to favorite’ link allows the User to add each group to their Favorite list.

Back to [fig. 133](#), if we select the Detail View or click Edit, the six countries that make up the North Africa group are listed:

Favorites - Country Groups

Reminder:
Please understand the implication of the "Aggregation Option" to a query with country groups.

Commodities **Reporters** **Partners** **Years** **Country Groups** **Commodity Groups**

List View **Detail View** No Paging With Paging

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

[View pre-defined set of country groups](#) | Total Country Groups defined: 1

ID	Country Group	
	Add new country group	Insert New
5627	Name: North Africa Countries: Algeria, Egypt, Libya, Morocco, Sudan, Tunisia Codes: 12 +818 +434 +504 +736 +788	Edit Delete

'+' signs: an aggregate rather than a list

Figure 135: list of countries in North Africa group

Notice the '+' signs that separate the country codes instead of the usual commas. This means that the six countries are considered as an aggregate: they make up a single entity.

We can now submit this country group as reporter in a query. For instance:

Basic Query Results: [help](#)

Statistics: 1 rows returned in 0.56 seconds.

Quick filter [v ?](#) [Clear](#) [Apply](#)

Selected classification: HS1996
 Selected commodities: [950100](#) (Rideable wheeled toys, dolls carriages)
 Selected reporters: North Africa
 Selected years: [2004](#)
 Selected partners: [World](#)
 Selected trade flows: Import

Sort Order: [Year;Flow;Rep;Comm;TradeVal;](#) [Refresh](#)

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[Download](#) [Save Query](#) [View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Import	North Africa	World	950100	\$3,233,840	2,734,248	8	2,734,248

Figure 136: a query that uses country group North Africa

We notice that there is only one row returned, not six, while the group is made of six countries. The collected values for the six countries have been aggregated.

The same operations can be carried out for Commodity Groups: once several commodities make up a group, using the group name in a query aggregates the commodity associated values.

3.3.2.5. Predefined Favorites

This entry is a link to the already discussed 'Pre-Defined Favorites' interface, as reproduced in [fig. 127](#). Again, clicking "Copy to..." adds the corresponding pre-defined set to the User's Favorite collection.

3.3.2.6. Download History

Clicking this entry summarizes the data download operations the current User carried out:

Download History			
Data download history			
<ul style="list-style-type: none"> Number of downloads: 2 times. You have so far downloaded 1,246 records and given your maximum of unlimited records, you could still download unlimited records. 			
Selection Criteria	Log Time	Downloaded Records	
classification: HS1996 commodities: <u>95</u> (Toys, games, sports requisites) reporters: All years: All partners: <u>World</u> trade flows: All	12/30/2005 4:25:58 AM	1241	Load
classification: HS1996 commodities: <u>8703</u> (Motor vehicles for transport of persons (except buses)) reporters: <u>Denmark</u> years: <u>2004</u> , <u>2003</u> , <u>2002</u> , <u>2001</u> , <u>2000</u> partners: <u>World</u> trade flows: Export	12/29/2005 7:00:58 AM	5	Load

Figure 137: Download History – two downloads carried out

For each operation, the usual selection criteria are present. Clicking one of them displays its definition and expands it if it's a node in a tree structure (e.g., a class of commodities). For instance, if '95' in the first History entry is clicked, the familiar Commodity List with its links is displayed:

Commodity List			
Input keywords: <input type="text"/> <input type="button" value="Search"/>			
Commodity List			
Total Commodities defined : 10			
<input type="radio"/> SITC Rev.1 <input type="radio"/> SITC Rev.2 <input type="radio"/> SITC Rev.3 <input type="radio"/> HS1992 <input checked="" type="radio"/> HS1996 <input type="radio"/> HS2002 <input type="radio"/> BEC			
Code	Description		
<u>TOTAL</u>	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot	
<u>95</u>	Name: Toys, games, sports requisites Description: Toys, games & sports requisites; parts & access thereof	Data Availability Snapshot	
<u>9501</u>	Name: Rideable wheeled toys, dolls carriages Description: Wheeled toys designed to be ridden by children (for example, tricycles, scooters, pedal cars); dolls' carriages.	Data Availability Snapshot	
<u>9502</u>	Name: Dolls representing only human beings Description: Dolls representing only human beings.	Data Availability Snapshot	
<u>9503</u>	Name: Other toys, scale models, puzzles, etc Description: Other toys; reduced-size ("scale") models and similar recreational models, working or not; puzzles of all kinds.	Data Availability Snapshot	

Figure 138: Commodity List from Download History

Clicking a Load link displays the corresponding query in an Express Selection form, from which the query can be run again. This [feature](#) is fully described in the 'Additional Capabilities' section.

3.3.2.7. Saved Queries

Clicking this entry displays a summary of query definitions the current User saved. Reminder: registered Users can save the queries they run in order, for instance, to run them again later. Saved queries can also be run automatically as the data they deal with changes. Again, this is discussed in the '[Additional Capabilities](#)' section.

The picture below shows the currently saved queries:

Saved Queries

Step 1. Select filter

List View Detail View No Paging With Paging

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Step 2. View results

Number of Saved Queries: 3

Saved Items

Name	Load	Edit	Delete
_default	Load	Edit	Delete
Hungary950100	Load	Edit	Delete
Hungary950100Bis	Load	Edit	Delete

Figure 139: currently saved queries (list view)

Notice the three links associated with each query entry. Delete deletes the associated query. [Load](#) and [Edit](#) are discussed later in this section. Delete simply deletes the saved query.

As usual, a Detail View option with a query parameter summary is available:

Saved Queries

Step 1. Select filter

List View Detail View No Paging With Paging

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Step 2. View results

Number of Saved Queries: 3

Saved Items

Name	_default		
Classification	HS1996		
Commodities	950100		
Reporters	Hungary (348)		
Partners	World (0)		
Years	2004, 2003, 2002, 2001, 2000		
Trade Flow	Load Edit Delete		
Notification Enabled	No		
Auto Batch Enabled	No		
Update Type	Incremental		

Figure 140: first saved query (detailed view)

How a query can be saved and what can be done with saved queries is discussed in the '[Additional Capabilities](#)' section.

Also refer to [this section](#) for the meaning of 'Notification Enabled', 'Auto Batch Enabled' and 'Update Type', and the description of Load, Edit and Delete links.

3.3.2.8. Customize FrontPage

Clicking this entry makes it possible to set the front (or welcome, or home) page layout options. These options are the exemplified processors, columns and headings that show in the initial page.

Customize Frontpage

Please select from options below

*You must select at least one item, otherwise Trade In Graph will be the default

☒ Welcome to Comtrade

- ☐ Explore Comtrade*
- ☒ Trade In Graph*
- ☐ Trade Facts
- ☒ Shortcut Query
- ☐ Data Availability Facts
- ☒ First Time User

☒ Basic Selection

☐ Comtrade Explorer

☐ Express Selection

☐ First Time User

Update Back to default

Figure 141: Customize FrontPage interface

Clicking the Update button saves the current setting.

(Continued on the next page)

For instance, the settings in [fig. 141](#) generate the following welcome page when linking to Comtrade:

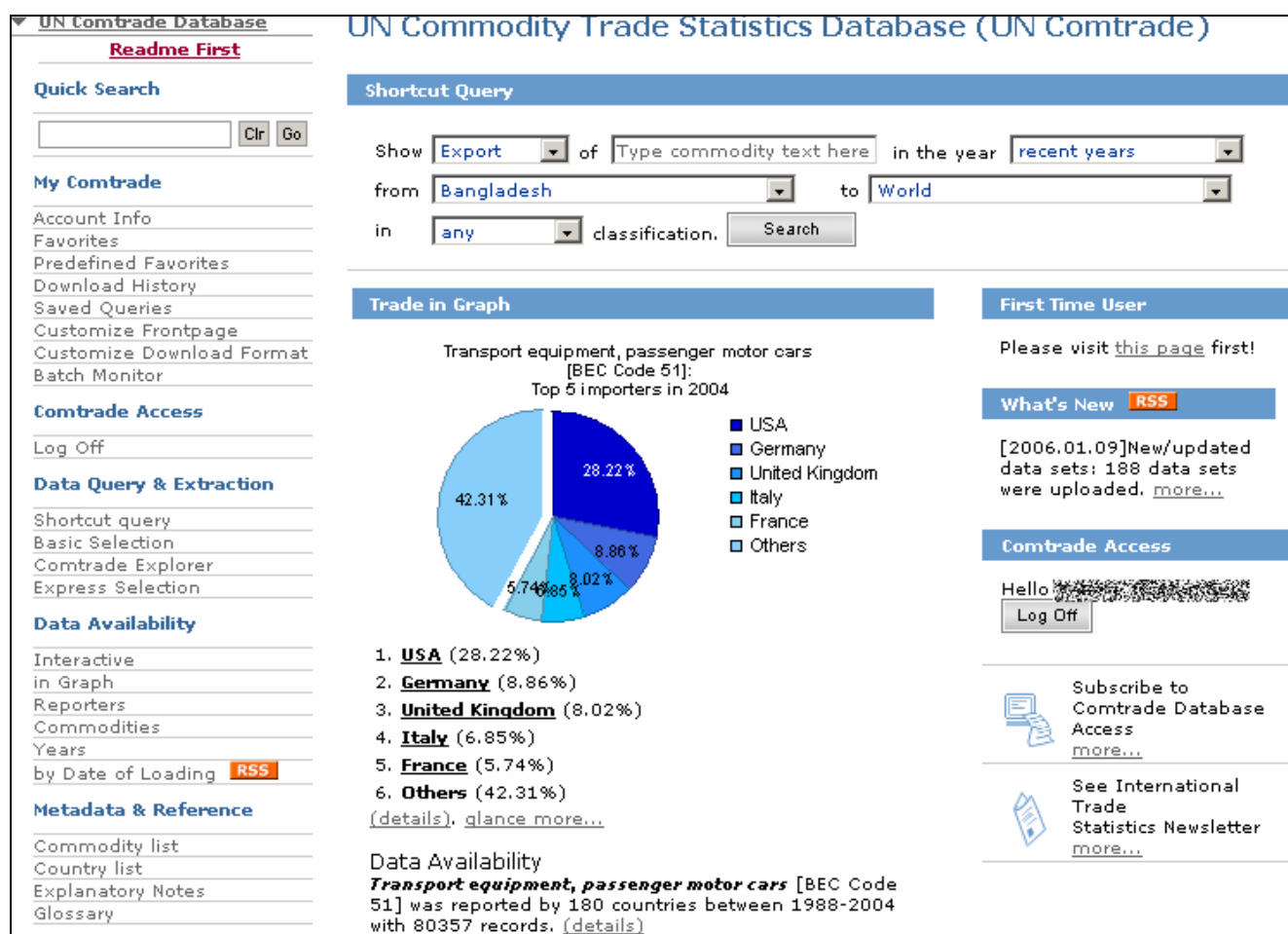


Figure 142: an example of parametered welcome page (partial view)

The selected processors: Shortcut Query, First Time User and Trade In Graphs are present and exemplified with data. The User is advised to try other settings (e.g., the Default setting) and compare their results.

3.3.2.9. Customize Download Format

This entry makes it possible to define the format of data to be directly downloaded. This point is [discussed](#) in the Data Download section of Additional Capabilities.

3.3.2.10. Batch Monitor

Clicking this entry displays the status of the current batch tasks (*aka* jobs) the User initiated, as exemplified below:

Batch Monitor

For monitoring submitted queries

- Number of queries: 4. File will be deleted in 48 hours after completion.

	Status	Request At	Run At	Finish At	
classification: HS1996 commodities: 950100 (Rideable wheeled toys, dolls carriages) reporters: Algeria years: All partners: World trade flows: All	Running	Jan 5 2006 10:56AM	Jan 5 2006 10:57AM		
classification: HS1996 commodities: 950100 (Rideable wheeled toys, dolls carriages) reporters: Hungary years: 2004 , 2003 , 2002 , 2001 , 2000 partners: World trade flows: All	Batch completed	Jan 5 2006 9:47AM	Jan 5 2006 9:48AM	Jan 5 2006 9:48AM	Get It!

Click to get Job results

Figure 143: User's current batch tasks (partial view)

Two jobs are displayed here (there are four of them in all) One is still running, the other is completed. Notice the submission, start and completion dates. Entries of completed jobs remain 48 hours before being deleted.

How to [submit batch](#) queries is discussed in the next section.

As usual, clicking a link displays the related data (definition, availability, etc. For instance:

Commodity List

Input keywords:

Commodity List

Total Commodities defined : 4

☐ SITC Rev.1
 ☐ SITC Rev.2
 ☐ SITC Rev.3
 ☐ HS1992
 ☒ HS1996
 ☐ HS2002
 ☐ BEC

Code	Description	
TOTAL	Name: ALL COMMODITIES Description: ALL COMMODITIES	Data Availability Snapshot
95	Name: Toys, games, sports requisites Description: Toys, games & sports requisites; parts & access thereof	Data Availability Snapshot
9501	Name: Rideable wheeled toys, dolls carriages Description: Wheeled toys designed to be ridden by children (for example, tricycles, scooters, pedal cars); dolls' carriages.	Data Availability Snapshot
950100	Name: Rideable wheeled toys, dolls carriages Description: Wheeled toys designed to be ridden by children (for example, tricycles, scooters, pedal cars); dolls' carriages.	Data Availability Snapshot

Figure 144: list of commodities used by a job

The 'Get It' link of a completed job ([fig. 143](#)) is the most interesting: it allows the User to download the file that contains the results of the submitted query. The common download interface is used:

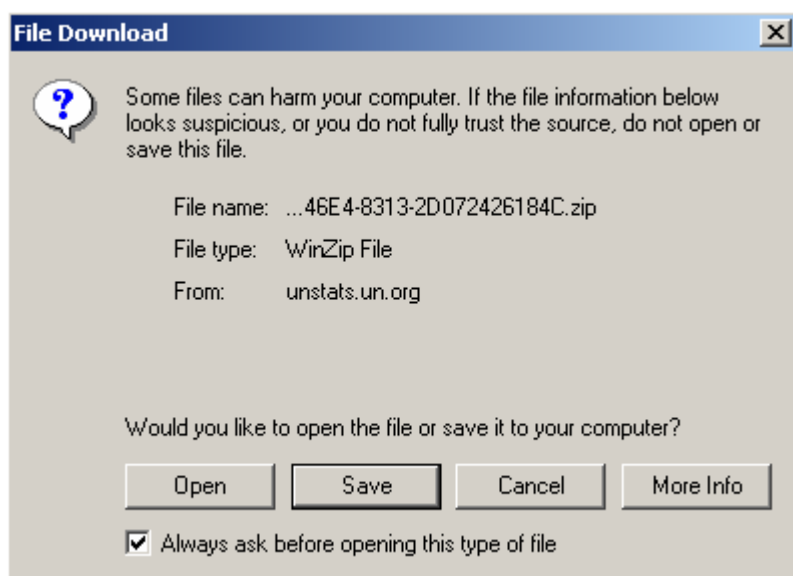


Figure 145: file download interface

Notice the file format (.zip). This file can be saved as usual or directly opened with WinZip, like illustrated below:

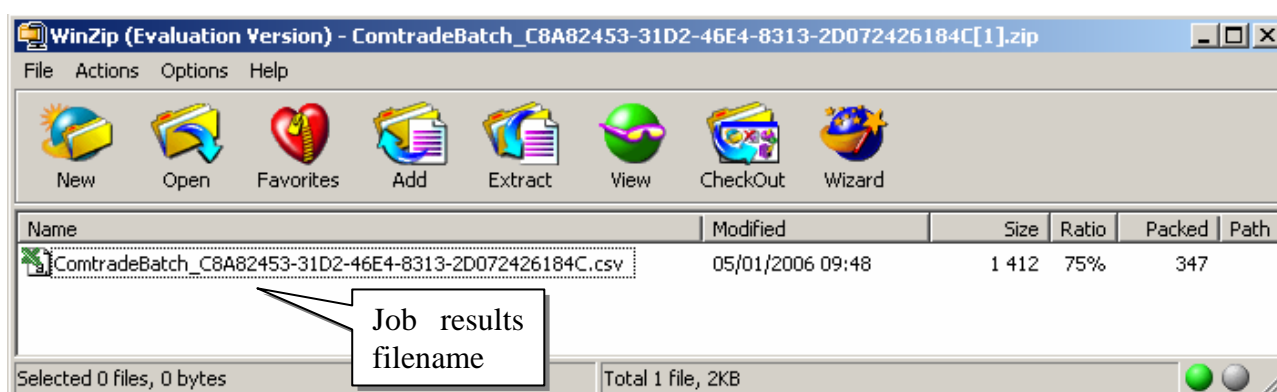


Figure 146: opening a batch results file with WinZip

The file has now the CSV¹⁰ format; it can be opened, for instance, by Notepad or Excel:

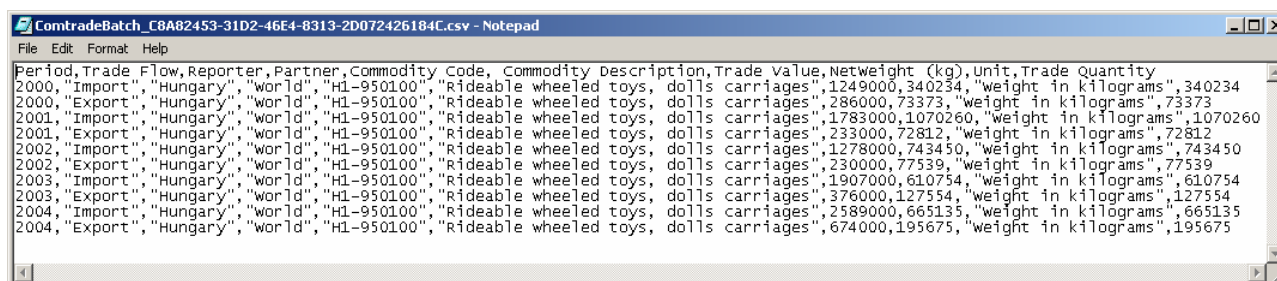


Figure 147: contents of the job results file – the first line is made of column names

We can check that these results match the query definition in [fig 141](#). Again, the file can be saved – presumably with a more convenient name.

¹⁰ Comma Separated Values: a plain text file that can be opened by Notepad or Excel.

3.3.3. Additional Capabilities

3.3.3.1. Reminder

We already noticed (e.g., in [fig. 42](#)) that the list of actions that follow a query result doesn't include a data download option when we connect as guest User. If we run the query of [fig. 42](#) again as a registered User, we get the following form:

Basic Query Results: [help](#) Nb of records retrieved

The query will return **9428** records.
It's not recommended to view it on screen (1000 records limit).
Please modify your query (or select additional selection from below) or click download (not applicable for guest user).

* To improve performance, Direct Download ignore any defined sort order.
* Estimated file size: **1.15** MB.

Please select additional selection from the following:
Trade Flow: [Import](#) [Export](#)
Partner: [World](#)
Year: [2004](#) [2003](#) [2002](#)

Quick filter ▼ ? Clear Apply

Selected classification: HS2002
Selected commodities: [950100](#) (Wheeled toys designed to be ridden by children (e.g., tricycles, scooters, ...))
Selected reporters: All
Selected years: All
Selected partners: All
Selected trade flows: All

Don't like the default download format? Set your own format at [here](#).

[Modify Selection](#) [View Graph](#) [View Explanatory Notes](#) [SDMX Download](#) [Direct Download](#) [Batch Submission](#) [Save Query](#) [View Footnotes](#) [View Not-Available-Data](#)

These data are copyrighted by the United Nations and are provided for your internal use only. They may not be re-disseminated in any form without written permission of the United Nations Statistics Division.

Figure 148: query used in [fig. 39](#) run in registered User context

If we compare this form with [fig. 42](#), the following points stand out (from top to bottom):

1. The number of records retrieved is greater: this is because the second query was run a few weeks after the first one;
2. The action list includes three additional links:
 - Direct Downloading
 - Save Queries
 - Batch Submission.

To follow the 'My Comtrade' menu order in the main interface, we already got onto these three topics. They will now be discussed in detail in this separate section. This layout seems more consistent and will probably be clearer to non-technical Users: they will tackle the matters in two steps, a quick look followed by an in-depth study.

3.3.3.2. Direct Downloading

This function allows a registered User to copy the data extracted by a query to a local, CSV format file.

Reminder: non-registered Users can download statistic data in SDMX format only. See the [corresponding section](#).

Consider the following Basic Query results:

Basic Query Results: [help](#)

Statistics: 4 rows returned in 0.23 seconds.

Quick filter

Selected classification: HS1992
Selected commodities: [401110](#) (Pneumatic tyres new of rubber for motor cars), [8302](#) (Base metal fittings nes for furniture, doors, cars/et), [8703](#) (Motor vehicles for transport of persons (except buses), [8711](#) (Motorcycles, bicycles etc with auxiliary motor)
Selected reporters: [Russian Federation](#)
Selected years: [2004](#)
Selected partners: [Afghanistan](#)
Selected trade flows: Export

Sort Order

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[Download](#) [Save Query](#) [View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2004	Export	Russian Federation	Afghanistan	401110	\$277,752	217,746	8	217,746
2004	Export	Russian Federation	Afghanistan	8302	\$17,044	1,687	8	1,687
2004	Export	Russian Federation	Afghanistan	8703	\$17,345,136	5,263,949	8	5,263,949
2004	Export	Russian Federation	Afghanistan	8711	\$31,768	8,683	8	8,683

Action links

Figure 149: basic query results (cars and related commodities exported from Russia to Afghanistan)

If we select the Download action, we get the usual file download form:

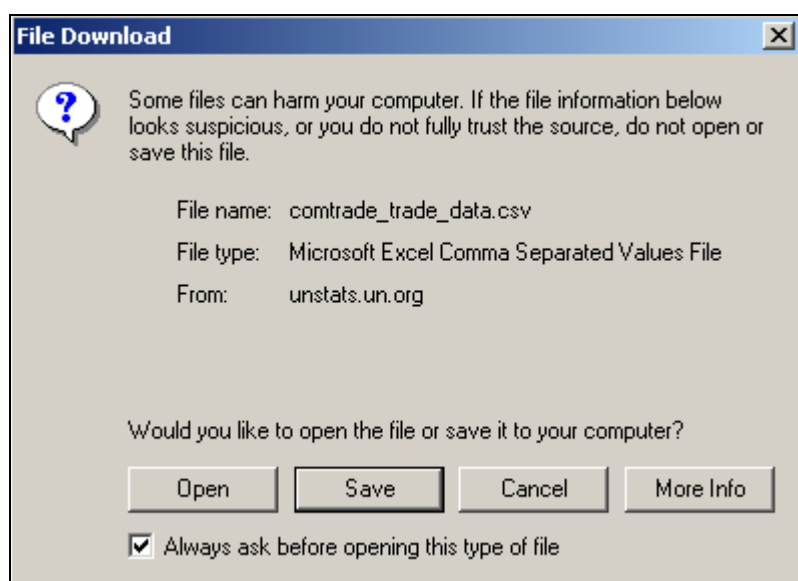


Figure 150: file download form

We can save the file to disk or directly open it; in this case, Excel is used by default¹¹:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Period	Trade Flow	Reporter	Partner	Commodity Code	Commodity Description	Trade Value	NetWeight (kg)	Unit	Trade Quantity						
2004	Export	Russian Federation	Afghanistan	HO-401110	Pneumatic tyres new of rubber for motor cars	277752	217746	Weight in kilograms	217746						
2004	Export	Russian Federation	Afghanistan	HO-8302	Base metal fittings nes for furniture, doors, cars/et	17044	1687	Weight in kilograms	1687						
2004	Export	Russian Federation	Afghanistan	HO-8703	Motor vehicles for transport of persons (except buses)	17345136	5263949	Weight in kilograms	5263949						
2004	Export	Russian Federation	Afghanistan	HO-8711	Motorcycles, bicycles etc with auxiliary motor	31768	8683	Weight in kilograms	8683						

Figure 151: query data results downloaded and displayed by Excel (may need enlargement)

This CSV data display has already been commented. Remember that the first line is the column (or field) header.

□ Data Downloading Customization

This is an entry in 'My Comtrade' menu. But it obviously has to be discussed with the download function. The common field (or column) selection form is used:

Customize Your Download Format*

Select and double click

Available Columns	Selected Columns
Commodity Code	Partner Description
Commodity Description	Commodity Description
Netweight (kg)	Commodity Code
Classification	Netweight (kg)
Partner Code	Classification
Partner Description	Partner Code
Quantity Unit Code	
Quantity Unit Description	
Trade Flow Code	
Trade Flow Description	
Reporter Code	
Reporter Description	
Supplementary Quantity	
Value	
Year	

Up

Down

Selected fields

Available fields

☐ Excel Compatible Format

Add Remove Remove All

Update

Back to Default

* Applies only to download of data(not of footnotes)

Figure 152: Download format definition – a few columns selected

The way to select fields has been explained earlier in this document; in fact, this is a common Windows item selection list: selection from Available frame to Selected frame is achieved via the Add and Remove buttons once available columns are highlighted. As usual, no selection means 'all possible fields selected'. Multi-selection is possible through the Shift and Ctrl keys. Notice that the selected fields stay in the Available field list.

The order of the selected columns that will be used in the downloaded reports can also be changed through the Up and Down buttons.

¹¹ If no specific processor is associated with the CSV extension.

Fig. 151 was obtained without any customization. We can exemplify the use of this customization function. Consider the following field selection and order:

Figure 153: example of file download customization

The User must click Update for the options to be saved. Then, running the download operation again, the following data is displayed:

	1	2	3	4	5	6	7	8	9	10
1	Commodity Description	Commodity Code	Partner Description	Reporter Description	Value					
2	Pneumatic tyres new of rubber for motor cars,="401110"	"Afghanistan"	"Russian Federation"	277752						
3	Base metal fittings nes for furniture, doors, cars/et,="8302"	"Afghanistan"	"Russian Federation"	17044						
4	Motor vehicles for transport of persons (except buses,="8703"	"Afghanistan"	"Russian Federation"	17345136						
5	Motorcycles, bicycles etc with auxiliary motor,="8711"	"Afghanistan"	"Russian Federation"	31768						

Figure 154: the resulting data display

If we compare figures 151 and 154, the following points stand out:

1. in fig. 154, only the fields we selected are present;
2. in fig. 154, the field order follows the selection order;
3. the Commodity Code format is different; this is because option Excel Compatible Format was selected for fig. 154. Setting this option ensures that the numeric values are considered as strings, not as numbers, and therefore are left unchanged. For instance, Commodity Code "010111" will be left unchanged, while it would be stored as number 10111 had the option not been set.

Clicking Back to Default restores the default download layout: all the fields available are displayed in the order they are found.

3.3.3.3. Query Saving

Let's consider the basic query below and its results:

Basic Query Results: [Help](#)

Statistics: 5 rows returned in 1.11 seconds.

Quick filter

Selected classification: HS1996
 Selected commodities: [950100](#) (Rideable wheeled toys, dolls carriages)
 Selected reporters: [Hungary](#)
 Selected years: [2004](#), [2003](#), [2002](#), [2001](#), [2000](#)
 Selected partners: [World](#)
 Selected trade flows: Import

Sort Order:

[Modify Selection](#) [View Graph](#) [Printable Format](#) [View Explanatory Notes](#) [SDMX Download](#)
[Download](#) [Save Query](#) [View Not-Available-Data](#)

Period	Trade Flow	Reporter	Partner	Code	Trade Value	NetWeight (kg)	Quantity Unit	Trade Quantity
2000	Import	Hungary	World	950100	\$1,249,000	340,234	8	340,234
2001	Import	Hungary	World	950100	\$1,783,000	1,070,260	8	1,070,260
2002	Import	Hungary	World	950100	\$1,278,000	743,450	8	743,450
2003	Import	Hungary	World	950100	\$1,907,000	610,754	8	610,754
2004	Import	Hungary	World	950100	\$2,589,000	665,135	8	665,135

Action links

Figure 155: another example of query

If we click Save Query in the list of action links, we get the following interface:

United Nations Statistics Division - Commodity Trade Sta...

Save Query to Query Profile

Copyright © United Nations, 2005
 UNSD Comtrade Database

Figure 156: Save Query interface – query name has just been entered

The User enters the query name (as illustrated above) and clicks Add. A Save confirmation message box pops up.

Then, selecting Saved Queries in 'My Comtrade' brings up the following summary form:

Saved Queries

Step 1. Select filter

List View Detail View No Paging With Paging

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

Step 2. View results

Number of Saved Queries: 1

Saved Items

Hungary950100	Load	Edit	Delete
---------------	------	------	--------

Newly created and saved query

Links to query processing

Figure 157: Saved Queries summary

The query we just saved appears now –there were none before. [Fig. 139](#) is an example of three saved queries. Saved queries can be called back (the link used is labeled 'Load') in the [Basic Selection](#) and [Express Selection](#) interfaces to be run again or modified, optionally under another name. Examples of such operations are given in the rest of this section.

The already met [Detail View](#) button displays a thorough definition of the query.

Clicking Delete deletes the registered query. The [Load](#) and [Edit](#) links are discussed below, tagged with a '□' symbol.

(Continued on the next page)

☐ Load Saved Query

Clicking the Load link of a saved query brings up the [Express Selection](#) form, with its links and meta-language capabilities:

Step 1. Select Classification

☐ SITC Rev.1 ☐ SITC Rev.2 ☐ SITC Rev.3 ☐ HS1992 ☒ HS1996 ☐ HS2002 ☐ BEC

Step 2. Enter Commodities, Reporters, Partners, Years and Select Trade Flow

Basic Items **Advanced Items**

Enter Commodity Codes / Text
Special Codes : *All*, *AG0*, *AG1*, .. *AG6* (aggregate level) and *LF* (leaf).
Use - to exclude. Wild characters : * (Any string of zero or more characters) and ? (Any single character)

950100 [Save](#) [Lookup](#)

Enter Reporters Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

348 [Save](#) [Lookup](#)

Enter Partners Codes / Text
Separated by comma. Special code: *All*. Minus sign is not applicable.

0 [Save](#) [Lookup](#)

Enter Years
Separated by comma. Special code: *All*. Minus sign is not applicable.

2004, 2003, 2002, 2001, 2000 [Save](#) [Lookup](#)

Select Trade Flow
Exports figures always include Re-exports; Re-exports should be used only to distinguish between Domestic exports and Re-exports.

☒ Import ☐ Export ☐ re-Export

Step 3. Save Query (optional)
Enter query name and Set Notification Option. [Help](#)

Hungary950100 [Save Query](#) [Save As Default](#)

Enable Notification: Enable AutoBatch: Update Type:

[Submit Query](#) [Go to Comtrade Explorer](#) [Submit to Batch Processing](#)

Figure 144: Express Selection – Registered User. Notice the additional ‘step 3’ pane

As a registered User, we notice an extra pane (labeled ‘Step 3’) at the bottom of the form. Its functions are described below, prefixed with a ‘o’ sign. These functions concern *query saving* operations and *database change* notifications. They apply to the current (or loaded) query —the one whose name appears in the Step 3 pane.

Database changes notifications are discussed in the next section.

- *Save Query*: saves the loaded query, possibly with modified features, and/or under another name, like in this example:

Figure 158: saving an already saved query with a different name

Back to the initial Saved Query form, we now have two entries:

Figure 159: same query saved with two different names

- *Save As Default*: there is a Default query in Comtrade that can be created and submitted through the Basic or Express query processors. This query appears with name '_default', for instance in the Basic Selection interface:

Figure 160: the Default query – Basic query processor (partial view)

In this example, the initial 'Hungary ...' query has been saved as Default query.

❑ Editing a Saved Query

The Edit link brings up a form that makes it possible to change the definition of the query:

Figure 161: the Saved Query Edit interface – query definition can be changed

The [Lookup](#) link has already been described; remember that it allows the User to select query parameters through a friendly interface. Clicking Update saves the new definition and exits the Edit interface; Cancel exits the interface without saving its data.

The actions below are not directly related to query saving. They are described here for consistency with the interface layout (see [fig. 144](#)).

- *Submit Query*

See, for instance, [fig. 32](#) and the comments that follow.

- *Go to Comtrade Explorer*

Clicking this button simply links to the already discussed Comtrade Explorer – [Snapshot](#) interface, with the current query loaded.

3.3.3.4. Batch Submission

How to [monitor](#) submitted batch queries has already been discussed and illustrated. To follow the layout of the main interface, the way to submit batch jobs is now exposed here. See [fig. 144](#) for references to the options and buttons described below, prefixed with a '□' sign.

□ Submit to Batch Processing

Clicking this button submits the current (or loaded) query as a batch job for an asynchronous processing. This means that the User gets control back immediately after the query submission. The query doesn't need to be a saved one –although it will often be. The User is warned about the possible excessive size of the query results and has to confirm or cancel the batch submission. If it is confirmed, the following form appears:

Basic Query Results: [Help](#)

Your request has been submitted. After the completion of the batch, you will be informed by e-mail.

Quick filter

Selected classification: HS1996
 Selected commodities: [950100](#) (Rideable wheeled toys, dolls carriages)
 Selected reporters: [Hungary](#)
 Selected years: [2004](#), [2003](#), [2002](#), [2001](#), [2000](#)
 Selected partners: [World](#)
 Selected trade flows: All

Sort Order

[Modify Selection](#) [View Graph](#) [View Explanatory Notes](#)
[View Not-Available-Data](#)

Figure 162: batch submission of a query – the summarizing information can be used to run another query

The links in this form have already been described in other parts of this document. As clearly stated, the User is informed of the job completion by an email. Of course, a proper mail address has to be present in the User's Account information.

To illustrate this process, we can submit the 'Hungary950100' saved query:

Step 3. Save Query (optional)

Enter query name and Set Notification Option. [Help](#)

Enable Notification: Enable AutoBatch: Update Type:

Batch actions and options

Figure 163: submitting a query as a batch job

The following informative pane pops up as the query is submitted (also see [fig. 162](#) above):

Basic Query Results: [Info](#)

Your request has been submitted. After the completion of the batch, you will be informed by e-mail.

Quick filter

Selected classification: HS1996
 Selected commodities: [950100](#) (Rideable wheeled toys, dolls carriages)
 Selected reporters: [Hungary](#)
 Selected years: [2004](#), [2003](#), [2002](#), [2001](#), [2000](#)
 Selected partners: [World](#)
 Selected trade flows: All

Sort Order

[Modify Selection](#) [View Graph](#) [View Explanatory Notes](#)
[View Not-Available-Data](#)

These data are copyrighted by the United Nations and are provided for your internal use only. They may not be re-disseminated in any form without written permission of the United Nations Statistics Division.

Figure 164: a batch query has been submitted

Some time after, depending on what the submitted query had to do, the following email is received by the sender:

Comtrade Batch Completed - Message (Plain Text)

File Edit View Insert Format Tools Actions Help

From: comtrade@un.org
 To: philippe.simon@infocubed.com
 Cc:
 Subject: Comtrade Batch Completed

Sent: ven, 06/01/2006 16:19

The requested data is available for download at http://unstats.un.org/unsd/comtrade/batchjobs/ComtradeBatch_42706038-A442-4458-93F7-A66170E5BE42.zip

Selected classification: HS1996
 Selected commodities: 950100
 Selected reporters: Hungary
 Selected years: 2004,2003,2002,2001,2000
 Selected partners: World
 Selected trade flows: All

Figure 165: email notification at the completion of a batch query

Notice the 'From' and 'To' fields, the query definition summary and the link to the .zip file that contains the results. Clicking this link opens the file with WinZip, as illustrated in [fig. 146](#).

The resulting CSV file can be locally saved and opened with Notepad or Excel. We can compare its contents with those already downloaded in the Batch Monitor section ([fig. 147](#)).

The already discussed [Batch Monitor](#) form displays the status (Running or Completed) of current jobs initiated by a User and makes it possible to download the data extracted by completed jobs without using a mail notification.

☐ Enable Notification ([fig. 163](#))

This very interesting feature allows the User to be notified by an email when the data availability the associated query refers to is modified in any way as to reporting Country, Classification or Year. In other words, an email notification will be sent if there are changes in the high-level data that matches the selections.

☐ Enable AutoBatch ([fig. 163](#))

Setting this option means that in addition to email notification, the Application will run the associated query automatically in batch mode, with the already exposed monitoring capabilities, and according to the Update Type option below. Of course, the query must be a saved one –it must still be known when data change occurs.

Enabling AutoBatch automatically turns Enable Notification on.

☐ Update Type ([fig. 163](#))

There are two possible values: Incremental and Full.

- *Incremental* means that the Application will submit a batch for a new data item only.
- *Full* means that the system will submit a batch for the whole dataset defined by the query.

Example: Indonesia and Malaysia are defined as reporters in a query and new Indonesia data arrives; with Incremental option set, the system will submit Indonesia data only, while Full option will submit Indonesia *and* Malaysia data. Note that only Full option can be used with Country groups.

Update Type is ignored if AutoBatch is disabled.

3.4. IP Address Authentication (Site License)

As usual, only the differences with the previous section (registered User connection) will be discussed here.

3.4.1. Connection – Home Page

Once an IP address, generally common to several Users¹², is known from Comtrade as a registered IP address associated with a [site license](#), any User logging in from this address will be considered as an *Institutional* User with enlarged access to Comtrade capabilities, without having to provide a User ID and the associated password.

The welcome part of the main interface for an institutional-type connection is as follows:

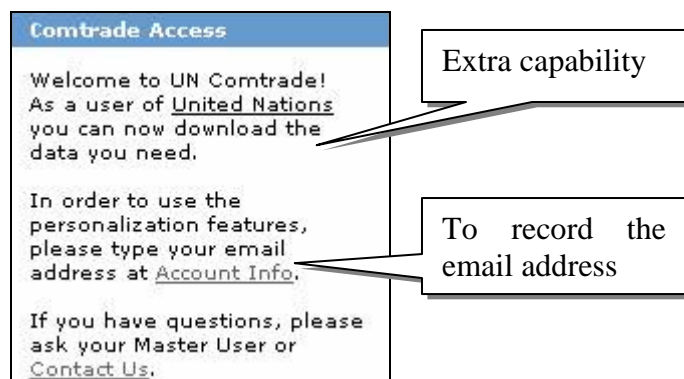


Figure 166: welcome box for a registered IP address connection – email address unknown

Compare this 'Comtrade Access' welcome box with the ones used for guest Users ([fig. 1](#)) and individually registered Users ([fig. 114](#)). The 'My Comtrade' menu is also displayed in the institutional User main interface.

From the Application point of view, a connection to Comtrade takes place this way:

1. The User links to Comtrade Web site;
2. Comtrade compares the User's IP address to list of registered IP addresses;
3. If it is found, the User become an IP (or Institutional) User;
4. If it isn't found, the User is considered as Guest User;
5. If the User enters a registered ID and its associated password, he/she becomes an individual Registered User. The IP address is ignored, except if the ID entered is the IP address Master User ID: in this case, the User is considered as *Master User*. [Master Users](#) are discussed in their own section.

¹² Typically, the IP address of a Web router in an enterprise.

3.4.2. Access Rights

3.4.2.1. Institutional Users

We've just talked about Institutional Users (i.e., not individually-registered Users who log in from registered IP addresses), stating that they had enlarged rights compared to guest Users. In fact, the only capability institutional Users have besides Guest Users' is the direct download function (up to 150,000) records.

However, as mentioned in [fig. 166](#) above, an institutional User whose email address is known from Comtrade will access all the personalization (or customization) capabilities (e.g., front page, download format, query saving, etc). The email address is necessary because a site IP address doesn't allow the Application to differentiate between Users and therefore to record their individual profiles. Email recording is achieved through the Account Info entry of 'My Comtrade'.

IP Users with email addresses have in fact the same rights as individual (registered) Users, except that they can't log in from outside their IP addresses.

3.4.2.2. Individually Registered Users

Users who log in from the IP address using their own ID / password pair (when they have one, of course) are considered as individually registered Users ([section 3.3](#) is dedicated to these Users) –except when the *Master User* ID / password pair is used; in that case, they are [Master Users](#).

3.4.2.3. Sub Users (link)

The sub User profile is discussed in the [Master Users](#) section.

3.4.2.4. To Sum it up

A [table](#) at the end of this document summarizes the different types (or profiles) of Comtrade Users and their associated rights; this table is certainly clearer than text explanations.

3.4.3. Master Users

3.4.3.1. Definition

Each registered IP address (or site license, from a commercial point of view) has its own, unique privileged User: the Master User. This Master User is identified by a specific ID / password pair, associated with the IP address. Therefore, to log in as Master User, two conditions are required:

1. Connect from a registered IP address;
AND
2. Provide the associated ID / password pair.

Since Master Users have a recorded login ID and a password, they can connect to Comtrade like any registered User, from any workstation; but they will get their specific privileges only when they log in from their associated IP address.

The welcome frame for Master Users looks like this:

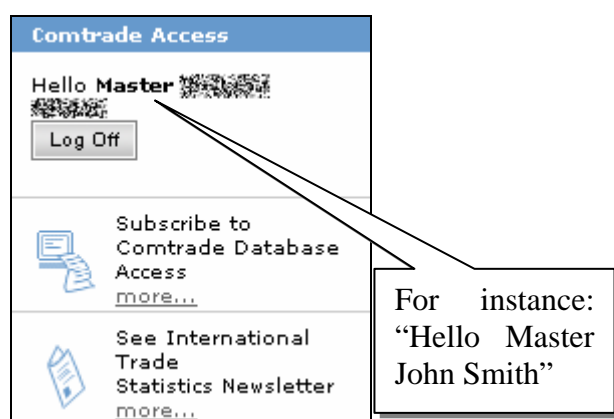


Figure 167: Master User welcome frame

As usual, the User's name is blurred in this document. It appears clearly in the real interface. The name / first name information is part of the recorded User definition.

Master Users have all the privileges of individually registered Users. In addition, they can:

1. Create and manage sub Users;
2. Define the following shared entities:
 - o saved queries
 - o customized front page
 - o customized download format

These personalization features are visible from Users who connect through the Master User's IP address, except if they are sub Users –see [below](#).

Since point 2. has already been discussed and has no specificities compared to registered Users features, we'll just address the sub User management here.

Note: like any individual accounts, Master User accounts have an expiration date defined by the Comtrade Administrator.

3.4.3.2. Creating Sub Users

A Master User can create sub Users through the 'Account Info' entry in 'My Comtrade' menu. The Sub User Management frame of Account Info is used:

Login ID	Password	Name	Email	Download Limit
Add new sub-user				
Insert New (2 more)				

Figure 168: Sub User management frame – none for the moment

The limit to sub User creation is set at Comtrade Administrator level. Clicking Insert New brings up the following form:

Login ID	Password	Name	Email	Download Limit
Add new sub-user				
Insert Cancel				

Figure 169: the sub User creation interface

The Master User enters the sub User's features, like in the example below:

Login ID	Password	Name	Email	Download Limit
SubUserOne	subus1	Arnold Layne	arnold.layne@cmpny.com	
Insert Cancel				

Figure 170: defining the sub User – notice the comment about download limit: 0 (or blank) means no limit

(Continued on the next page)

With this version of Comtrade, only the Login ID is required. Clicking Insert saves the sub User definition and links back to the initial Account Info form, with the created sub User present:

Sub User Management

Note: Zero in Download Limit means unlimited

Login ID	Password Name	Email	Download Limit	
Add new sub-user				
SubUserOne	*****	Arnold Layne	arnold.layne@cmpny.com unlimited	Edit Delete

Callouts:

- No download limit**: Points to the 'unlimited' text in the Download Limit column.
- Another sub User can be added**: Points to the 'Insert New (1 more)' button.

Figure 171: Sub User Management – one sub User present

The Edit and Delete links make it possible to change the sub User settings or delete it; in the latter case, a confirmation message box pops up.

3.4.3.3. Sub Users Properties

Sub Users are related to the Master User who created them, and therefore to an IP address. In a way they reproduce, within Comtrade, the hierarchical structure that exists in the entity (e.g., the company or organization) from which they log in. The Master User will then be the person in charge of Comtrade activities in this entity.

In fact, sub Users behave like individually registered Users (see [section 3.3](#)), except that their expiration date is the related Master User's expiration date. If this date is extended, the extension will be taken into account for all the associated sub Users.

Compared to IP Users, sub Users have another restriction: they cannot use the shared favorites created by their Master User, while IP Users can.

If we log in from the IP address we've been using so far, we will be considered as Master User or associated sub User, depending on the latest connection performed. If we're the Master User, clicking Log Off will bring up the following sub User Access form:

Comtrade Access

Welcome to UN Comtrade!
As a user of **Comtrade**, you can now download the data you need.

In order to use the personalization features, please type your email address at [Account Info](#).

If you have questions, please ask your Master User or [Contact Us](#).

Login as individual user:

User Name

Password

☒ Remember me

Callout: **Master User name (e.g., "John Smith")** points to the 'Comtrade' text in the welcome message.

Figure 172: sub User connection form

Appendix: User Types and Associated Rights – Summary

The table below summarizes the different User types (or profiles) in Comtrade and their corresponding rights:

User Type Related Rights	Guest	Individually Registered	IP Address without email	IP Address with email	Sub User	Master
'My Comtrade' Menu	No	Yes	No	Yes	Yes	Yes
Submit Batch	No	Yes	No	Yes	Yes	Yes
Batch Notification	No	Yes	No	Yes	Yes	Yes
AutoBatch function	No	Yes	No	Yes	Yes	Yes
Direct Downloading	No	Yes	Yes	Yes	Yes	Yes
View/Print Data	Yes	Yes	Yes	Yes	Yes	Yes
Download Limit	No direct download capability	Set by UNSD	Up to 150,000 ¹³	Unlimited	Set by Master User	Set by UNSD
Sub User Creation	No	No	No	No	No	Yes

Figure 173: summary of User types / related rights

¹³ Subject to checking

FIGURES

Figure 1: Joint System main interface – connection as Guest – Shortcut Query and In Graph functions exemplified.....	4
Figure 2: Data Query & Extraction links	4
Figure 3: Quick Search entries for first letter F.....	4
Figure 4: two-letter selection from the Quick Search list	5
Figure 5: results of a Quick Search for France (upper part)	6
Figure 6: Extra selection by commodity (first three letters are 'pet').....	7
Figure 7: results of selection by country (France) and commodity (gases except from petroleum).....	8
Figure 8: changing selection criteria in the Comtrade Explorer report.....	8
Figure 9: country selection interface	9
Figure 10: adding a country to the current selection	9
Figure 11: new selection (two countries) report.....	10
Figure 12: Shortcut Query selection interface – here: cars exported from Japan in 2004	11
Figure 13: search results for the selected data	11
Figure 14: direct selection of an item by clicking its code (here, 871130)	12
Figure 15: description of the selected commodity and its ancestors	12
Figure 16: data availability by year for the selected commodity	13
Figure 17: data availability - trade details for year 2003	13
Figure 18: two items selected from the commodity list.....	14
Figure 19: detailed information on two commodities	14
Figure 20: sort order selection	14
Figure 21: getting the Express Selection interface from the Shortcut Query	15
Figure 22: detailed information on two commodities – graphical form.....	16
Figure 23: Printable Format display – may need enlargement	16
Figure 24: notes on Japan for 2004	17
Figure 25: trade notes for all countries and all years (first page bottom part).....	17
Figure 26: Basic Query results.....	18
Figure 27: file download warning message	18
Figure 28: the downloaded SDMX file (highlighted) – the name was left unchanged	19
Figure 29: SDMX file contents (partial view)	19
Figure 30: not available data: none for this example.....	20
Figure 31: data from Albania unavailable in 2002 for the selected commodities	20
Figure 32: Basic Selection interface (Commodities tab).....	21
Figure 33: selection of commodity “cars”	22
Figure 34: selecting the data selection source	22
Figure 35: commodity tree view (only root is expanded)	23
Figure 36: commodity selection – a node (Motorcycles) and a leaf (type of vehicle) are selected	24
Figure 37: commodity list populated after clicking Add	24
Figure 38: a node is selected with its descendants	25
Figure 39: a category of vehicles is excluded from the vehicle selection	25
Figure 40: selecting commodities by number of digits in code	26
Figure 41: standard country groups (or trade agreements between countries)	26
Figure 42: results of a Basic Query operation	27
Figure 43: results of a Basic Query operation; extra selection by Year.....	27
Figure 44: country-broken down report (first page partial view).....	28
Figure 45: Reporters tab interface	29
Figure 46: two countries (Italy and Japan) selected in Reporters interface	29
Figure 47: query results for Commodities and Reporters selection.....	30
Figure 48: three partners selected	30
Figure 49: query results for Commodities, Reporters and Partners selection (partial view)	31
Figure 50: additional selection by year	31
Figure 51: selection by Commodities, Reporters, Partners and Years (full view).....	32
Figure 52: the Others selection interface – notice the aggregation option	33
Figure 53: selection by Commodities, Reporters, Partners, Years, Trade Flow and Trade Value (full view).....	33
Figure 54: an intra trade query – Transport Equipment within Europe for 2003 - 2004	34
Figure 55: Comtrade Explorer initial interface	35
Figure 56: example of search string	35
Figure 57: Comtrade Explorer – global results for the query	35
Figure 58: detailed information about an entry	36
Figure 59: results of snapshot function: upper part of Comtrade Explorer interface – see lower part below	36
Figure 60: Comtrade Explorer (lower part) – summary graphic report	37
Figure 61: filtering list – entries beginning with ‘Fr’.....	38
Figure 62: Comtrade Explorer (upper part) – selection filtered by Partner	38

Figure 63: Quick Filter selection.....	39
Figure 64: new selection through Quick Filter	39
Figure 65: data availability report for selected commodity (partial view)	39
Figure 66: Express Selection – Basic Items tab	40
Figure 67: Express Selection – Advanced Items tab.....	41
Figure 68: Express Selection report (partial view)	42
Figure 69: Express Selection – top export Partners	43
Figure 70: Data availability function in the main interface	44
Figure 71: Data Availability Interactive interface – selection in effect	44
Figure 72: Comtrade Explorer for Interactive interface	45
Figure 73: 'In Graph' results	46
Figure 74: the data records selected from the In Graph interface (partial)	47
Figure 75: Reporter countries by year and classification codes	48
Figure 76: Reporter interface – information on country	49
Figure 77: commodity selection – food is the main selection – two items selected	49
Figure 78: commodities – report for two selected items – Data Availability	50
Figure 79: report on specific year for selected commodities – Data Availability	51
Figure 80: Year reporting for Data Availability	52
Figure 81: selection by record upload date – Data Availability – 'one month ago'	53
Figure 82: possible values for date selection	53
Figure 83: the Metadata & Reference links	54
Figure 84: commodity list for classification HS1996 (partial view)	54
Figure 85: expanding the 02 node and its descendant(s).....	55
Figure 86: Country list – all countries selected (partial view)	55
Figure 87: ITC country information (Bahrain selected here).....	56
Figure 88: ITC country information for Bahrain - National Import Profile selected (partial view)	56
Figure 89: Trade Compilation for Azerbaijan (partial view).....	57
Figure 90: Explanatory Notes – all countries selected (partial view)	58
Figure 91: detailed Explanatory Note for Azerbaijan	58
Figure 92: general application glossary (partial view).....	59
Figure 93: list of quantity codes in the glossary.....	60
Figure 94: Subscription menu	60
Figure 95: "Why Subscribing?".....	60
Figure 96: Subscription options and fees (partial view)	61
Figure 97: Order Form (partial view)	62
Figure 98: Support menu	63
Figure 99: Service Message display (partial view)	63
Figure 100: other Service Message entries.....	64
Figure 101: Service Message display – RSS format (partial view).....	64
Figure 102: Comtrade Features – Data tab.....	65
Figure 103: Help Index menu in the main interface	66
Figure 104: query scenarios in Help menu (partial view).....	67
Figure 105: Direct access to First Time User Help.....	67
Figure 106: Tips form in Help menu	68
Figure 107: frequently asked questions and their answers (partial view) – some may be outdated	68
Figure 108: feedback form	69
Figure 109: Feedback category selection.....	69
Figure 110: links to related sites.....	70
Figure 111: WITS home page (partial view)	70
Figure 112: Guest User limitations – copied from the on-line Help	71
Figure 113: Comtrade Access interface – logging in as Registered User	72
Figure 114: Registered User main interface – Shortcut Query and Trade in graph are examples	73
Figure 115: 'My Comtrade' menu	74
Figure 116: Account Information form	74
Figure 117: User Information update interface	75
Figure 118: favorites display/update interface – Commodities selected - one favorite recorded	75
Figure 119: favorite commodities – detailed view.....	76
Figure 120: details about 'Textile products' Favorite	76
Figure 121: Name and Codes fields of a commodity set – updates have been carried out.....	77
Figure 122: the Insert New Favorite interface – nothing added yet	77
Figure 123: keying in the Name and Codes for a new Favorite.....	77
Figure 124: Lookup interface (item search / selection).....	78
Figure 125: source selection for the item codes.....	78
Figure 126: User-created Favorite entry	78
Figure 127: global pre-defined favorites – Commodities selected (partial view).....	79
Figure 128: new favorite included	80
Figure 129: detailed list of pre-defined favorites (partial view)	80

Figure 130: new commodity favorite added.....	80
Figure 131: the Favorites interface – Reporters selected – two favorites recorded.....	81
Figure 132: the Favorites interface – Reporters selected – no favorites recorded	81
Figure 133: the Favorites interface – Country Groups selected – one ‘favorite’ recorded	82
Figure 134: pre-defined country groups (partial view)	82
Figure 135: list of countries in North Africa group	83
Figure 136: a query that uses country group North Africa	83
Figure 137: Download History – two downloads carried out.....	84
Figure 138: Commodity List from Download History	84
Figure 139: currently saved queries (list view)	85
Figure 140: first saved query (detailed view).....	85
Figure 141: Customize FrontPage interface.....	86
Figure 142: an example of parametered welcome page (partial view)	87
Figure 143: User's current batch tasks (partial view)	88
Figure 144: list of commodities used by a job	88
Figure 145: file download interface	89
Figure 146: opening a batch results file with WinZip	89
Figure 147: contents of the job results file – the first line is made of column names.....	89
Figure 148: query used in fig. 39 run in registered User context.....	90
Figure 149: basic query results (cars and related commodities exported from Russia to Afghanistan.....	91
Figure 150: file download form.....	91
Figure 151: query data results downloaded and displayed by Excel (may need enlargement)	92
Figure 152: Download format definition – a few columns selected.....	92
Figure 153: example of file download customization.....	93
Figure 154: the resulting data display	93
Figure 155: another example of query	94
Figure 156: Save Query interface – query name has just been entered	94
Figure 157: Saved Queries summary.....	95
Figure 158: saving an already saved query with a different name.....	97
Figure 159: same query saved with two different names	97
Figure 160: the Default query – Basic query processor (partial view)	97
Figure 161: the Saved Query Edit interface – query definition can be changed.....	98
Figure 162: batch submission of a query – the summarizing information can be used to run another query	99
Figure 163: submitting a query as a batch job.....	99
Figure 164: a batch query has been submitted	100
Figure 165: email notification at the completion of a batch query.....	100
Figure 166: welcome box for a registered IP address connection – email address unknown.....	102
Figure 167: Master User welcome frame	104
Figure 168: Sub User management frame – none for the moment	104
Figure 169: the sub User creation interface	104
Figure 170: defining the sub User – notice the comment about download limit: 0 (or blank) means no limit.....	104
Figure 171: Sub User Management – one sub User present	105
Figure 172: sub User connection form	105
Figure 173: summary of User types / related rights.....	106