Evidence-based trade policymaking capacity building
"Trade Policy Analysis and Negotiations Tool"

29 July 2011

Learning Centre Lab, UNCC

Bangkok, Thailand

Using
WITS (web-version)
with

UNCTAD

TRAINS
Trade Analysis and Information System

Geneva, October 2010

WITS vs TRAINS

WITS is a **software application** which is designed to integrate several trade-related databases and provide easy access

TRAINS is one of the four major **databases** currently accessible through **WITS**

Databases of WITS

- **TRAINS (UNCTAD)**
- **COMTRADE (UN Statistics Division)**
- **Integrated Database (IDB-WTO)**
- **Consolidated Tariff Schedule (CTS-WTO)**

Databases of WITS

- **COMTRADE**
  - **SITC Rev 1: 1962 –**
  - **SITC Rev 2: 1972 –**
  - **SITC Rev 3: 1988 –**
  - **SITC Rev 4: 2007 –**
  - **Four versions of HS (1988/92, 1996, 2002 and 2007)**

Databases of WITS

- **WTO IDB**
  - **Notification by member states on current tariff (MFN applied) and import statistics.**
  - **From Jan. 2010, WTO secretariat may collect data if not notified**
- **WTO CTS**
  - **Collection of Uruguay Round commitments**
  - **Based on HS 1996 nomenclature, converted in WITS to various revisions**

Data contents of TRAINS

(as of 1 May 2010)

- Tariff measures at national tariff line level for 165 countries (over 1100 country/years since 1988), including preferential rates such as RTA and GSP in many cases

Primary data are drawn from

UN TARMAC

UN Tariff and Market Access Database

A joint effort with the

International Trade Centre, UNCTAD/WTO (ITC)

Data contents of TRAINS (continued)

- Import statistics by origin at Harmonized System (HS) 6-digit level for every country-year by constructing mirror imports where necessary

- Non-Tariff Measures classified according to UNCTAD Coding System of Trade Control Measures (97 countries, 150 country/years)

Data Accessibility

- **TRAINS:** Free access to all
- **COMTRADE:** Free access to UN Organizations, free access up to 50,000 records for all, otherwise against a fee
- **WTO:** Access to WTO member governments and selected international organizations (Since 1 January 2010, tariff data are freely accessible by all)

WITS Functionality

- **Data retrieval and analysis**

  - **Quick Search**
  - **Advanced Query**
  - **Trade and Tariff Simulations**

Quick Search

UN COMTRADE by Product

Extract trade statistics from COMTRADE for one product (***at any level of aggregation for an available nomenclature***)

e.g. Extract imports of Fresh Roses (HS 060311) in 2009 by every country from the Netherland

UNcomtrade for WITS

UN COMTRADE By Product

UN COMTRADE By Product function enables you to search for trade values and quantities for one product (or product category) and one year at a time. You can however select multiple reporters and partners. This module is helpful in identifying country's major trading partners (importers or exporters) for a specific product category. More details...

Nomenclature : HS 2007

Year : 2009

Flow : Gross Import

Tier : Sub-Heading (all 6-digit HS codes)

Product : 060311 -- Fresh roses

Reporters :

Cape Verde -CPV
Chile -CHL
China -CHN
Colombia -COL
Costa Rica -CRI
Cote d'Ivoire -CIV
Croatia -HRV
Cyprus -CYP
Czech Republic -CZE
Denmark -DNK

> >> < <<

Selected Reporters :

Albania -ALB
Algeria -DZA
Argentina -ARG
Armenia -ARM
Aruba -ABW
Australia -AUS
Austria -AUT
Azerbaijan -AZE
Belarus -BLR
Belgium -BEL

Added 103 reporter(s)

Partners:

Morocco -- MAR
Mozambique -- MOZ
Myanmar -- MMR
Namibia -- NAM
Nauru -- NRU
Nepal -- NPL
Netherlands -- NLD
Netherlands Antilles -- ANT
Neutral Zone -- NZE
New Caledonia -- NCL

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Selected Partners :

Netherlands -- NLD

Added 1 partner(s)

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http://wits.worldbank.org/WITS/WITS/QuickQuery/ComtradeByProduct/ComtradeByProduct.aspx?Page=COMTRADEByProduct

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Nomenclature	ReporterCode	ReporterName	ProductCode	PartnerCode	PartnerName	Year	TradeFlowName	TradeValue in 1000 USD
H3	008	Albania	060311	528	Netherlands	2009	Gross Imports	1.944
H3	012	Algeria	060311	528	Netherlands	2009	Gross Imports	17.746
H3	036	Australia	060311	528	Netherlands	2009	Gross Imports	6.893
H3	040	Austria	060311	528	Netherlands	2009	Gross Imports	37,964.298
H3	051	Armenia	060311	528	Netherlands	2009	Gross Imports	109.595
H3	056	Belgium	060311	528	Netherlands	2009	Gross Imports	26,782.196
H3	070	Bosnia Herzg	060311	528	Netherlands	2009	Gross Imports	1,332.508
H3	100	Bulgaria	060311	528	Netherlands	2009	Gross Imports	878.707
H3	112	Belarus	060311	528	Netherlands	2009	Gross Imports	3,252.8
H3	124	Canada	060311	528	Netherlands	2009	Gross Imports	194.241
H3	132	Cape Verde	060311	528	Netherlands	2009	Gross Imports	7.642
H3	156	China	060311	528	Netherlands	2009	Gross Imports	75.455
H3	158	Asia Othr.ns	060311	528	Netherlands	2009	Gross Imports	4.127
H3	191	Croatia	060311	528	Netherlands	2009	Gross Imports	1,822.586
H3	196	Cyprus	060311	528	Netherlands	2009	Gross Imports	230.882
H3	203	Czech Rep	060311	528	Netherlands	2009	Gross Imports	14,696.946
H3	208	Denmark	060311	528	Netherlands	2009	Gross Imports	20,777.427
H3	214	Dominican Rp	060311	528	Netherlands	2009	Gross Imports	12.198
H3	231	Ethiopia	060311	528	Netherlands	2009	Gross Imports	38.799
H3	233	Estonia	060311	528	Netherlands	2009	Gross Imports	3,484.626
H3	234	Faeroe Is	060311	528	Netherlands	2009	Gross Imports	103.546
H3	246	Finland	060311	528	Netherlands	2009	Gross Imports	11,253.361
H3	250	France+Monac	060311	528	Netherlands	2009	Gross Imports	144,948.492
H3	276	Germany	060311	528	Netherlands	2009	Gross Imports	248,832
H3	344	Hong Kong	060311	528	Netherlands	2009	Gross Imports	35.389
H3	352	Iceland	060311	528	Netherlands	2009	Gross Imports	1.867
H3	372	Ireland	060311	528	Netherlands	2009	Gross Imports	8,482.414
H3	380	Italy	060311	528	Netherlands	2009	Gross Imports	70,346.364
H3	392	Japan	060311	528	Netherlands	2009	Gross Imports	1,009.641
H3	398	Kazakhstan	060311	528	Netherlands	2009	Gross Imports	499.278
H3	400	Jordan	060311	528	Netherlands	2009	Gross Imports	36.313
H3	410	Korea Rep.	060311	528	Netherlands	2009	Gross Imports	.645
H3	417	Kyrgyzstan	060311	528	Netherlands	2009	Gross Imports	16.864

Quick Search

UN COMTRADE by Country Period

Extract trade statistics from COMTRADE for one (reporting) country period and one (or all) partner country.

e.g. Extract all imports of Japan in 2009 from the World at HS2007, 4-digit level

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http://wits.worldbank.org/WITS/WITS/QuickQuery/ComtradeByCountry/ComtradeByCountry.aspx?Page=COMTRADEByCountryPeriod

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UNcomtrade for WITS

UN COMTRADE By Country Period

UN COMTRADE By Country/Period provides you with trade values and quantities of all traded products for one reporting country, one year, and one or all partners. This module helps to identify most traded products (imports and exports) for a given country. In selecting products, the selected tier defines products that will be displayed. As an example, by selecting 4-digit product codes from the tier selection box, data for the 4-digit product codes will be retrieved. More details...

Nomenclature: HS 2007

Tier: Heading (all 4-digit HS codes)

Reporter: Japan - JPN

Year: 2009

Flow: Gross Imports

Partner: China -- CHN

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Source: UN Comtrade.

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http://wits.worldbank.org/WITS/WITS/QuickQuery/ComtradeByCountry/ComtradeByCountry.aspx?Page=COMTRADEByCountryPeriod

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Nomenclature	ReporterCode	ReporterName	ProductCode	PartnerCode	PartnerName	Year	TradeFlowName	TradeValue in 1000 USD
H3	392	Japan	0101	000	World	2009	Gross Imports	92,147.079
H3	392	Japan	0101	036	Australia	2009	Gross Imports	4,242.542
H3	392	Japan	0101	056	Belgium	2009	Gross Imports	6,054.295
H3	392	Japan	0101	124	Canada	2009	Gross Imports	23,947.896
H3	392	Japan	0101	250	France+Monac	2009	Gross Imports	1,061.678
H3	392	Japan	0101	276	Germany	2009	Gross Imports	2,522.579
H3	392	Japan	0101	554	New Zealand	2009	Gross Imports	85.596
H3	392	Japan	0101	826	Untd.Kingdom	2009	Gross Imports	19,856.15
H3	392	Japan	0101	840	USA,PR,USVI	2009	Gross Imports	34,376.343
H3	392	Japan	0102	000	World	2009	Gross Imports	23,748.643
H3	392	Japan	0102	036	Australia	2009	Gross Imports	23,748.643
H3	392	Japan	0103	000	World	2009	Gross Imports	1,588.878
H3	392	Japan	0103	124	Canada	2009	Gross Imports	89.412
H3	392	Japan	0103	208	Denmark	2009	Gross Imports	152.35
H3	392	Japan	0103	372	Ireland	2009	Gross Imports	231.858
H3	392	Japan	0103	528	Netherlands	2009	Gross Imports	291.044
H3	392	Japan	0103	752	Sweden	2009	Gross Imports	146.508
H3	392	Japan	0103	826	Untd.Kingdom	2009	Gross Imports	270.304
H3	392	Japan	0103	840	USA,PR,USVI	2009	Gross Imports	407.402
H3	392	Japan	0104	000	World	2009	Gross Imports	114.643
H3	392	Japan	0104	036	Australia	2009	Gross Imports	114.643
H3	392	Japan	0105	000	World	2009	Gross Imports	8,274.919
H3	392	Japan	0105	124	Canada	2009	Gross Imports	1,260.127
H3	392	Japan	0105	250	France+Monac	2009	Gross Imports	1,477.108
H3	392	Japan	0105	348	Hungary	2009	Gross Imports	25.07
H3	392	Japan	0105	826	Untd.Kingdom	2009	Gross Imports	803.421
H3	392	Japan	0105	840	USA,PR,USVI	2009	Gross Imports	4,709.194
H3	392	Japan	0106	000	World	2009	Gross Imports	36,241.174
H3	392	Japan	0106	032	Argentina	2009	Gross Imports	5.198
H3	392	Japan	0106	036	Australia	2009	Gross Imports	103.024
H3	392	Japan	0106	040	Austria	2009	Gross Imports	99.112
H3	392	Japan	0106	056	Belgium	2009	Gross Imports	2,956.423
H3	392	Japan	0106	076	Brazil	2009	Gross Imports	6.945

Quick Search

Find a tariff from TRAINS or WTO IDB

Find detailed tariff rates (MFN and preferential rates, including non-ad valorem rates and their ad valorem equivalents (AVEs)) for :

one product (tariff line level)

one country

e.g. Indonesian tariffs in 2009 on motor vehicles of 8703 22 1110 (from TRAINS)

WITS - Find A Tariff

wits.worldbank.org/WITS/WITS/QuickQuery/FindTariff/FindTariff.aspx?Page=FindATariff

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Home >Quick Search > Tariff - Find A Tariff

Tariff - Find A Tariff

Find a Tariff module allows users to view tariff rates by selecting from one data source (UNCTAD or WTO), one market, one year, one or all duty codes. You would have to select from specific nomenclature, tier, product code. Once you select a specific product line, you can select from list of tariff-line-level codes. Also depending on the selected source of tariff data, you may need to select the methodology for estimating ad-valorem-equivalent rates. More details...

Data Source: TRAINS-Raw Data

Market: Indonesia **Year:** 2009

Duty Code: All Duty Codes

Nomenclature: HS 2007 <Reported> **Tier:** Sub-Heading (all 6-digit HS codes)

Product: 870322 -- Vehicles (excl. of 87.02 & 8703.10) principally designed for the transportof persons, with spark-ignitior

Tariff Line: 8703221110 - Motor cars and other motor vehicles principally designed for the transport of persons (other than those of heading 8

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NomenCode	Reporter_ISO_N	ReporterName	ProductCode	Partner	Year	AdValorem	MeasureCode	MeasureName	NonAdVa
H3	360	Indonesia	8703221110	000	2009	15.00	002	MFN duties (Applied)	
H3	360	Indonesia	8703221110	410	2009	0.00	026	Preferential tariff for the republic of Korea	
H3	360	Indonesia	8703221110	N52	2009	5.00	022	Preferential tariff for ASEAN countries	

Quick Search

View and Export Raw Data from TRAINS, WTO IDB or WTO CTS

Download detailed tariff rates (MFN and preferential rates, including non-ad valorem rates and their ad valorem equivalents (AVEs)) as well as Non-Tariff Measures (NTMs) for :

all products (tariff line level)

one country

e.g. Brazilian MFN tariff schedules of 2009 (from TRAINS)

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Home >Quick Search > Tariff - View And Export Raw Data

Tariff - View And Export Raw Data

This option provides you with the tariff line level duties. You can select from one data source (TRAINS or WTO databases), one reporter country (importer), one year, and all or one type of duties applied to all countries (markets). If you select a tariff type including ad-valorem-rates, you would also have to select from the any of the 4 available calculation methods (UNCTAD 1 and 2, WTO 1 and 2). More details...

Data Source: TRAINS-Raw Data

Market: Brazil

Year: 2009

Duty Code: Pref. tariff (MFN) for Monde

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NomenCode	Reporter_ISO_N	ReporterName	ProductCode	Partner	Year	AdValorem	MeasureCode	MeasureName
H3	076	Brazil	01011010	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01011090	000	2009	4.00	002	MFN duties (Applied)
H3	076	Brazil	01019010	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01019090	000	2009	4.00	002	MFN duties (Applied)
H3	076	Brazil	01021010	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01021090	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01029011	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01029019	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01029090	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01031000	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01039100	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01039200	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01041011	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01041019	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01041090	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01042010	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01042090	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01051110	000	2009	0.00	002	MFN duties (Applied)
H3	076	Brazil	01051190	000	2009	2.00	002	MFN duties (Applied)
H3	076	Brazil	01051200	000	2009	2.00	002	MFN duties (Applied)

Quick Search

Detailed tariff rates from TRAINS, WTO IDB or WTO CTS

Data Sources: ***Raw data from TRAINS, WTO IDB or WTO CTS***

In addition*: Ad valorem Equivalents (AVEs) of non-ad valorem rates according to three four different methodology:*

1. **UNCTAD Method1 based on own unit value**
2. **UNCTAD Method2 based on world unit value**
3. **WTO Agricultural Negotiation Forum proposal**
4. **WTO non-Agricultural (NAMA) Negotiation Forum proposal**

More detailed description of AVE methodology later

Quick Search

Detailed import statistics (tariff-line level) from TRAINS or WTO IDB

Download detailed import statistics at the level beyond HS 6-digit for:

all products (tariff line level)

one country

one or many partner countries

e.g. Imports of Republic of Korea fin 1993 from all countries (from TRAINS)

Quick Search

Non-Tariff Measures

Download row NTM data collected by UNCTAD and classified according to:

UNCTAD Coding System of Trade Control Measures (for data up to 2008); *or*

Multi-Agency Classification of Non-Tariff Measures (for recent data)

NOTE: The two classifications are available at the WITS website under "Methodology"

WITS - Tariff View and Exp...

wits.worldbank.org/WITS/WITS/QuickQuery/Tariff-ViewAndExportRawData/TariffViewAndExportRawData.aspx?Page=TariffViewAndExportRawData

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Tariff - View And Export Raw Data

This option provides you with the tariff line level duties. You can select from one data source (TRAINS or WTO databases), one reporter country (importer), one year, and all or one type of duties applied to all countries (markets). If you select a tariff type including ad-valorem-rates, you would also have to select from the any of the 4 available calculation methods (UNCTAD 1 and 2, WTO 1 and 2). More details...

Data Source: TRAINS-Non Tariff Measures

Market: Japan

Year: 2009

Duty Code: [Select Duty Code]

- [Select Duty Code]
- All Duty Codes
- A - Sanitary and phytosanitary measures
- B - Technical barriers to trade
- D - Price control measures
- E - Quantity control measures
- F - Para-tariff measures

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_N	ReporterName	Year	ProductCode	NTMCODE	StartYear	StartMonth	PartialCoverageIndicator	Sources	MeasureName	Co
	Japan	2009	010110110	A110	2005	10	*	Domestic Animal Infectious Disease Control Law	Temporary geographic prohibition for SPS reasons	
	Japan	2009	010110110	A110	2008	6	*	Law concerning the Prevention of Infectious Diseases and Medical Care for Patients of Infectious Diseases	Temporary geographic prohibition for SPS reasons	
	Japan	2009	010110110	A140	2005	10	*	Domestic Animal Infectious Disease Control Law	Special Authorization for SPS reasons	
	Japan	2009	010110110	A140	2008	6	*	Law concerning the Prevention of Infectious Diseases and Medical Care for Patients of Infectious Diseases	Special Authorization for SPS reasons	
	Japan	2009	010110110	A190	2005	10	*	Domestic Animal Infectious Disease Control Law	Prohibitions or restrictions of products or substances because of SPS reasons n.e.s.	
	Japan	2009	010110110	A190	2008	6	*	Law concerning the Prevention of Infectious Diseases and Medical Care for	Prohibitions or restrictions of products or substances	

Quick Search

Results viewing or downloading

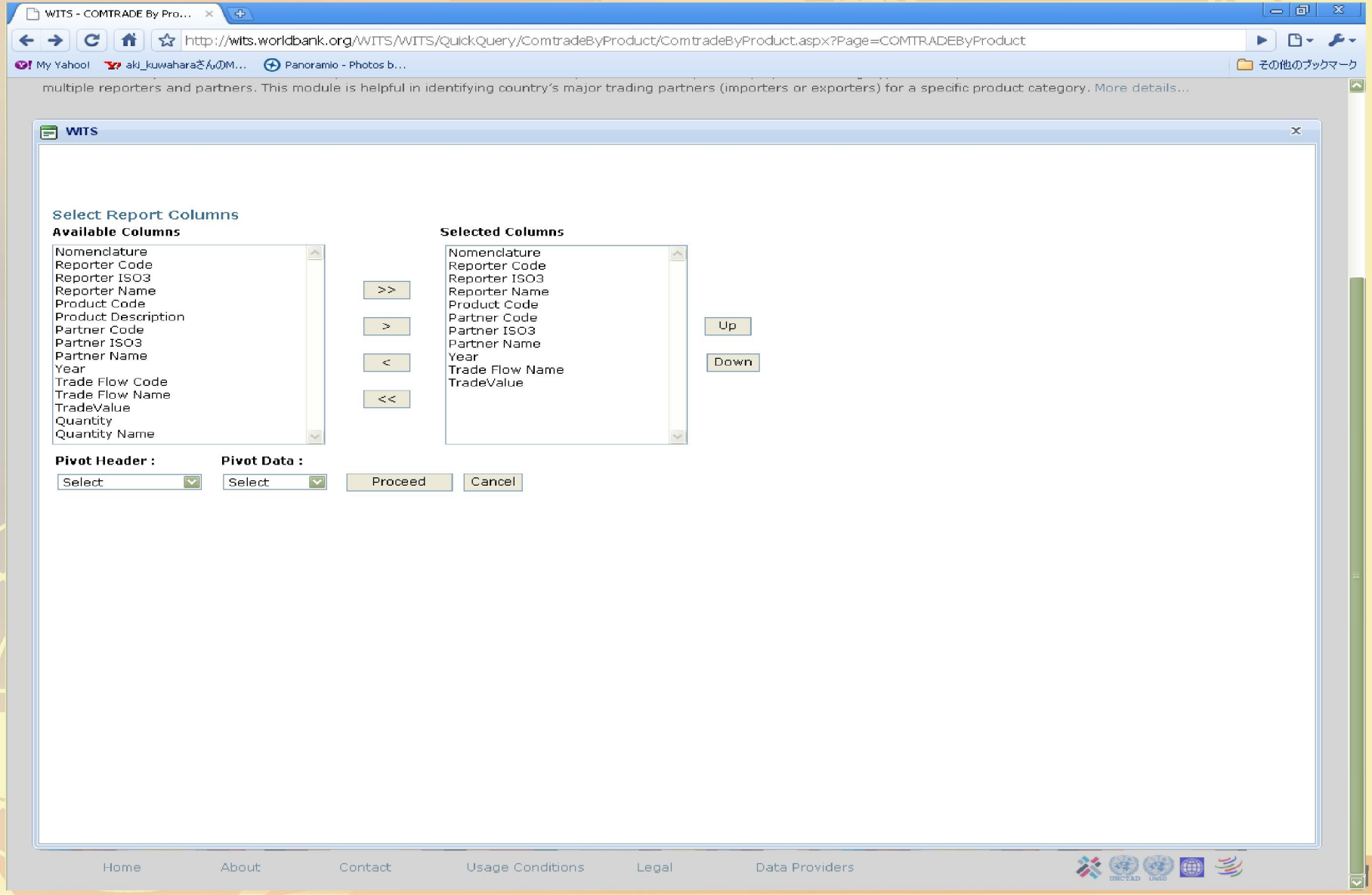
Results from any quick search option could be:

Viewed on the screen, that can be sorted or filtered *(not recommended for a large set of data)*; *or*

Downloaded to PC in a selected data format

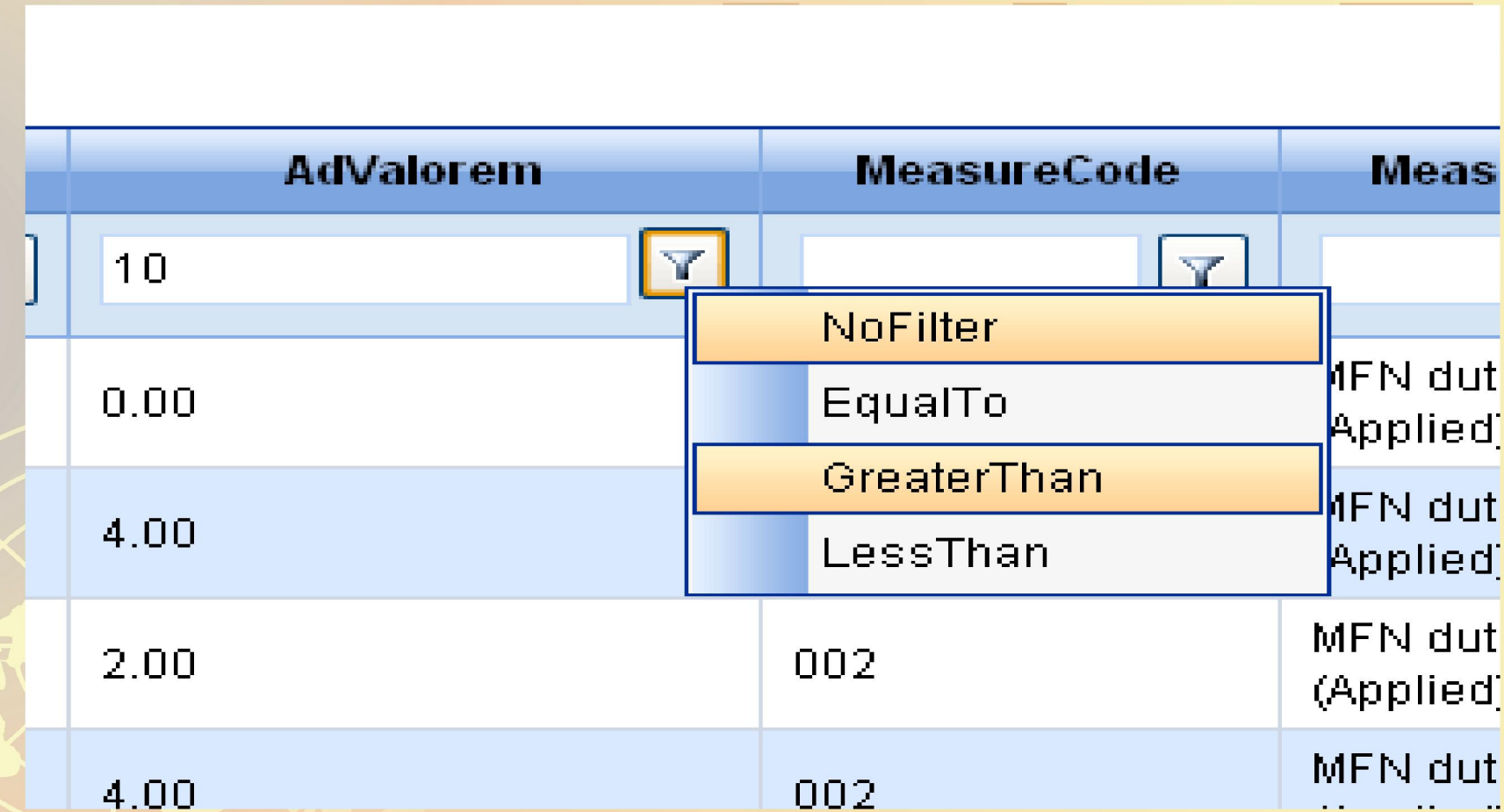
Data elements (columns of a table) to be viewed/downloaded may be selected by the user to reduce data transfer time.

View results: *select columns to be included*



View Data:

Filtering data: e.g. Ad Valorem rates > 10%



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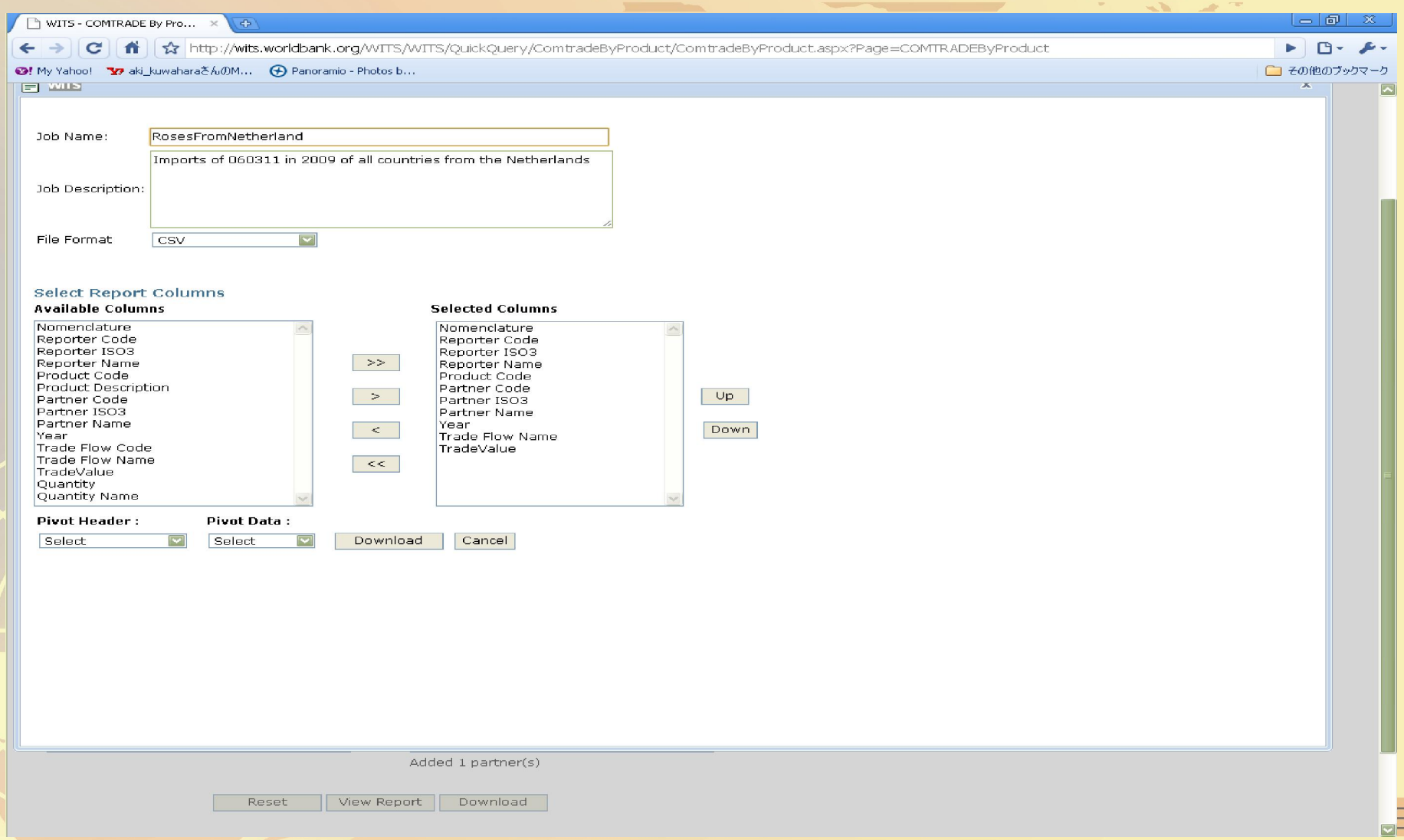
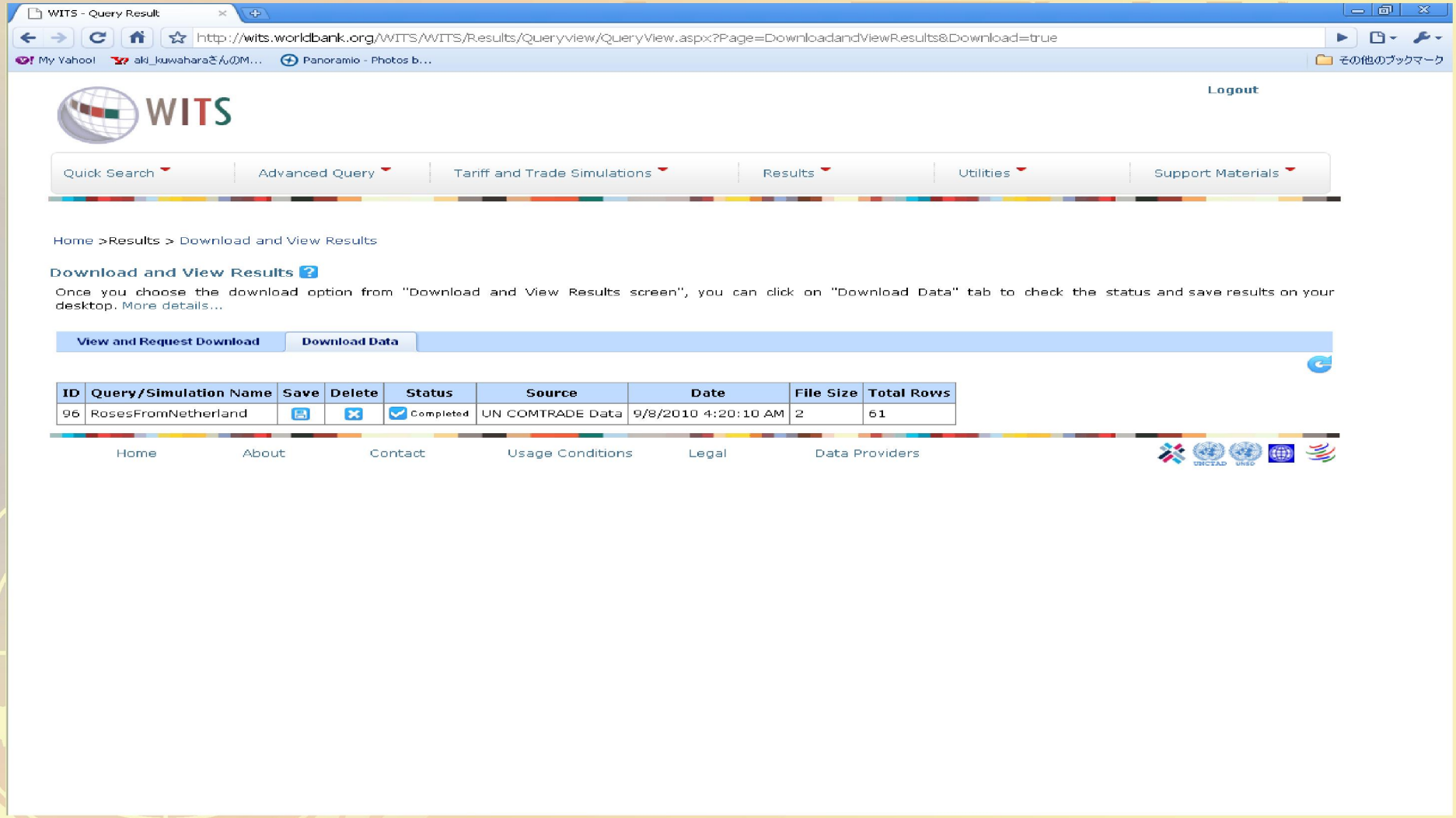
NomenCode	Reporter_ISO_N	ReporterName	ProductCode	Partner	PartnerName	Year	AdValorem	MeasureCode	Meas
							10		
H3	076	Brazil	02013000	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	02023000	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	04011010	000	World	2008	14.00	002	MFN dut (Applied
H3	076	Brazil	04011090	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	04012010	000	World	2008	14.00	002	MFN dut (Applied
H3	076	Brazil	04012090	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	04013010	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	04013021	000	World	2008	14.00	002	MFN dut (Applied
H3	076	Brazil	04013029	000	World	2008	12.00	002	MFN dut (Applied
H3	076	Brazil	04021010	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04021090	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04022110	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04022120	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04022130	000	World	2008	16.00	002	MFN dut (Applied
H3	076	Brazil	04022910	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04022920	000	World	2008	27.00	002	MFN dut (Applied
H3	076	Brazil	04022930	000	World	2008	16.00	002	MFN dut (Applied
H3	076	Brazil	04029100	000	World	2008	14.00	002	MFN dut (Applied
H3	076	Brazil	04029900	000	World	2008	27.00	002	MFN dut (Applied

Download: *provide output name and select columns to be included*



Download: *Select the downloaded file and save it on your PC*



Advanced Query for
Trade statistics and Tariff data

Users construct queries comprising of:

- Reporter countries
- Products
- Partner countries
- Years
- Trade flow directions *(for trade statistics)*
- Tariff types *(for trade and tariff analysis)*

Advanced Query – Parameters

Reporter Countries

– Individual countries or user-defined groups of countries

Products

– Individual products, cluster of products, or user-defined aggregates of products in various product classifications (HS, SITC,ISIC, etc)

Advanced Query – Parameters

Partner Countries

– Same as Reporter Countries. "World" is treated as an individual country

Years

– Trade statistics from 1962

– Tariff data from 1988

Trade Flows (trade statistics)

– Imports, exports, re-imports, re-exports

Advanced Query – Parameters

Tariff Types

– **Effectively Applied rates**

Lowest available rates including preferences

– **MFN Applied rates**

Applied MFN or equivalent tariff rates

– **MFN Bound rates**

WTO bound tariff rates under Uruguay Round or unilateral offer by newly acceding countries

– **Preferential rates**

Preferential rates (or higher rates than MFN for some countries). If not covered by specific preferences, products are ignored)

Advanced Query

Trade Statistics (example)

Query Name: TestAQ1

Reporter Countries

– Argentina, Brazil, Canada, Dominican Republic

Products

– HS 8701, 8702, 8703

Partner Countries

– World, USA, Venezuela, Yemen, Zambia

Years

– 1990, 1995, 2000, 2005, 2009

Trade Flows (trade statistics)

– Gross Imports

WITS - Trade Data

wits.worldbank.org/WITS/WITS/AdvanceQuery/RawTradeData/QueryDefinition.aspx?Page=RawTradeData

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Change Password Logout

WITS

Quick Search | Advanced Query | Tariff and Trade Simulations | Results | Utilities | Support Materials

Home >Advanced Query > Trade Data (UN Comtrade)

UNcomtrade for WITS

Trade Data (UN Comtrade)

The UN COMTRADE Data option within the Advanced Query provides you with UNSD's trade value and quantity data. It allows you to construct sophisticated queries by including multiple reporters, partners, products, trade flows, and years in a single query. You can select from your own customized country and product groups or use pre-defined aggregates. Advanced Queries can be saved and reused. This is particularly useful for more complex queries. More details...

New Query Existing Query - Select a Query -

Query Name: TestAQ1

Query Description: Test run for Demo

Data Source: COMTRADE

Proceed Delete Reset

Source: UN Comtrade

Home About Contact Usage Conditions Legal Data Providers

join.me.exe

すべてのダウンロードを表示

UNcomtrade for WITS

Trade Data (UN Comtrade)

Query Name: TestAQ1

Reporters:

Selected
Argentina -- ARG Brazil -- BRA Canada -- CAN Dominican Republic -- DOM

<<-Modify->>

Products:

Selected
HS 1988/92 (Selected Classification) 8701 -- Tractors(other than tractors of heading 87.09) 8702 -- Motor vehicles for the transport of >=10 person 8703 -- Motor cars and other motor vehicles principally

<<-Modify->>

Partners:

Selected
World -- WLD United States -- USA Venezuela -- VEN Zambia -- ZMB

<<-Modify->>

Years:

Selected
1990 1995 2000 2005 2009

<<-Modify->>

Selected
Gross Imports

WITS - Query Result

wits.worldbank.org/WITS/WITS/Results/Queryview/QueryView.aspx?Page=DownloadandViewResults

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WITS

Close Back

clature	ReporterISO3	ProductCode	ReporterName	PartnerISO3	PartnerName	Year	TradeFlowName	TradeFlowCode	TradeValue in 1000 USD
	ARG	8701	Argentina	USA	United States	1995	Gross Imp.	1	13,983.914
	ARG	8701	Argentina	USA	United States	2000	Gross Imp.	1	12,521.425
	ARG	8701	Argentina	USA	United States	2005	Gross Imp.	1	21,047.107
	ARG	8701	Argentina	USA	United States	2009	Gross Imp.	1	21,856.161
	ARG	8701	Argentina	WLD	World	1995	Gross Imp.	1	57,217.06
	ARG	8701	Argentina	WLD	World	2000	Gross Imp.	1	65,314.962
	ARG	8701	Argentina	WLD	World	2005	Gross Imp.	1	397,332.065
	ARG	8701	Argentina	WLD	World	2009	Gross Imp.	1	175,758.043
	ARG	8702	Argentina	USA	United States	1995	Gross Imp.	1	344.744
	ARG	8702	Argentina	USA	United States	2000	Gross Imp.	1	47.45
	ARG	8702	Argentina	WLD	World	1995	Gross Imp.	1	21,060.52
	ARG	8702	Argentina	WLD	World	2000	Gross Imp.	1	67,325.263
	ARG	8702	Argentina	WLD	World	2005	Gross Imp.	1	88,679.518
	ARG	8702	Argentina	WLD	World	2009	Gross Imp.	1	50,667.95
	ARG	8703	Argentina	USA	United States	1995	Gross Imp.	1	56,841.576
	ARG	8703	Argentina	USA	United States	2000	Gross Imp.	1	36,496.939
	ARG	8703	Argentina	USA	United States	2005	Gross Imp.	1	12,076.711
	ARG	8703	Argentina	USA	United States	2009	Gross Imp.	1	64,934.693
	ARG	8703	Argentina	WLD	World	1995	Gross Imp.	1	774,814.336
	ARG	8703	Argentina	WLD	World	2000	Gross Imp.	1	798,872.999
	ARG	8703	Argentina	WLD	World	2005	Gross Imp.	1	1,602,536.178
	ARG	8703	Argentina	WLD	World	2009	Gross Imp.	1	2,621,087.963
	BRA	8701	Brazil	USA	United States	1990	Gross Imp.	1	3,564.487
	BRA	8701	Brazil	USA	United States	1995	Gross Imp.	1	11,439.278
	BRA	8701	Brazil	USA	United States	2000	Gross Imp.	1	8,879.345
	BRA	8701	Brazil	USA	United States	2005	Gross Imp.	1	4,315.176
	BRA	8701	Brazil	USA	United States	2009	Gross Imp.	1	27,375.938
	BRA	8701	Brazil	WLD	World	1990	Gross Imp.	1	4,840.529
	BRA	8701	Brazil	WLD	World	1995	Gross Imp.	1	36,794.096
	BRA	8701	Brazil	WLD	World	2000	Gross Imp.	1	35,149.206
	BRA	8701	Brazil	WLD	World	2005	Gross Imp.	1	24,678.204
	BRA	8701	Brazil	WLD	World	2009	Gross Imp.	1	76,970.368

Advanced Query

Reporter/Partner Countries Selection:

- Individual Countries or Groups of Countries
- If a Group is selected, breakdown by individual countries is possible
- A new Group can be constructed by users (My Country Groups)
- For Partner, World is a single country

Country List

Select Reporters

Select reporting Countries from the Country List, Predefined Country Groups, and/or " My Country Groups". The latter option contains your customized country groups. You can also use " Include Country Group Breakdown" to get results for country components of country group aggregates.

Country List

Bosnia and Herzegovina -- BIH
Botswana -- BWA
Brazil -- BRA
Brunei -- BRN
Bulgaria -- BGR
Burkina Faso -- BFA
Burundi -- BDI

>

Predefined Country Groups

All countries All -- All
All high-income (OECD plus non-OECD countries) A
ALL OECD members -- OECD
EU25 --- EU25 members -- EU25
High-income OECD -- hiOECD
Least Developed Countries -- LDC
Low & Middle income East Asian & Pacific countries

>

My Country Groups

>

Argentina -- ARG
Brazil -- BRA
Canada -- CAN
Dominican Republic -- DOM

☐ Include Country Group Breakdown

Remove | Remove All | Proceed | Cancel

My Country Groups

Create a group:

e.g.

APF3 (a short name of the group with no space)

Asia Pacific and Africa (description of the group)

Consisting of India, Fiji and Nigeria

Select member countries of the group from individual country list or pre-existing Groups.

WITS - Country Group Builder

wits.worldbank.org/WITS/WITS/MyOptions/CountryGroup/CountryGroup.aspx?Page=CreateCountryGroups

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Quick Search | Advanced Query | Tariff and Trade Simulations | Results | Utilities | Support Materials

Utilities: Create Country Groups, Create Product Groups

Home >Utilities > Create Country Groups

Create Country Groups

Country Groups provides you the tool to create your own customized group of countries. Once you create a new group, you can always use it at a later time, revise and edit your group and resave it. More details...

New Group Name: APF3

New Group Description: Asia Pacific and Africa

Change Existing Groups: - Select a Group -

Existing Group Name:

Existing Group Description:

Modify | Delete

Populate your group with countries:

Select from Individual Countries:

Neutral Zone -- NZE
New Caledonia -- NCL
New Zealand -- NZL
Nicaragua -- NIC
Niger -- NER
Nigeria -- NGA
Niue -- NIU

Select from Standard Country Groups:

All countries All -- All
All high-income (OECD plus non-OECD countries) A
ALL OECD members -- OECD
EU25 --- EU25 members -- EU25
High-income OECD -- hiOECD
Least Developed Countries -- LDC
Low & Middle income East Asian & Pacific countries

Select from My Country Groups:

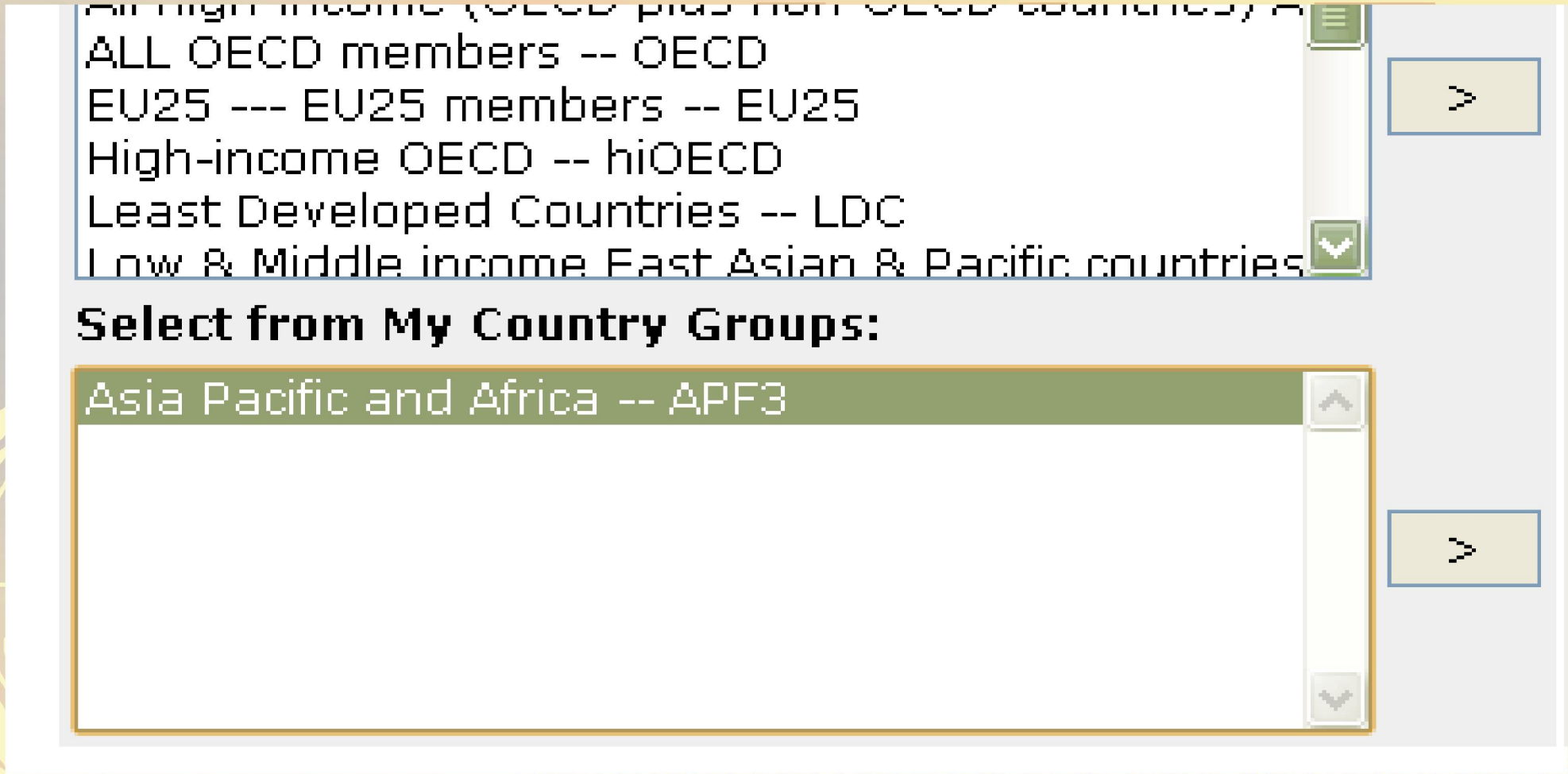
>

India -- IND
Fiji -- FJI
Nigeria -- NGA

Added 3 Country(s)

wits.worldbank.org/WITS/WITS/MyOptions/CountryGroup/CountryGroup.aspx?Page=CreateCountryGroups

A new country group, APF3, has been added



Advanced Query

Product Selection:

- Individual items, multiple products, cluster of products or aggregate of products, based on available nomenclatures

- A new aggregate can be constructed by users (My Product Groups)

Product Search

Enter a product for search | Search

Nomenclature

HS 1988/92

Use Reported Nomenclature

- Select Reported Nomenclature -

Items

Search based on level of aggregation

Chapter (all 2-digit HS codes)

Enter a Product >

Product

- Total Trade
  - 01 -- Live animals
  - 02 -- Meat and edible meat offal
  - 03 -- Fish & crustacean, mollusc & other aquat
  - 04 -- Dairy prod; birds' eggs; natural honey; e
  - 05 -- Products of animal origin, nes or includec
  - 06 -- Live tree & other plant; bulb, root; cut flc
  - 07 -- Edible vegetables and certain roots and

>

Clusters

ALL1 -- Chapter (all 2-digit HS codes)
ALL2 -- Heading (all 4-digit HS codes)
ALL3 -- Sub-Heading (all 6-digit HS codes)

>

Aggregates

Standard product Groups

COMESA-CET1 -- Raw materials
COMESA-CET2 -- Intermediate goods
COMESA-CET3 -- Consumer goods
COMESA-CET4 -- Capital goods
WTO_H0_Aggri -- WTO H0 Aggricultural
WTO_H0_Indus -- WTO H0 Industrial
WTO_H0_Petro -- WTO H0 Petroleum

>

My Product Groups

8701 -- Tractors(other than tractors of heading 87.0
8702 -- Motor vehicles for the transport of >=10 per
8703 -- Motor cars and other motor vehicles principa

Advanced Query

Product Selection:

- Available nomenclatures:
  - Reported nomenclatures:
    HS and SITC, all revisions (for COMTRADE)
    HS Combined (for TRAINS and WTO)
  - Other supported nomenclatures:
    CCCN, ISIC, BEC, CPC, etc

If a non-reported nomenclature is selected, a reported source nomenclature needs to be chosen from which to convert the data

Advanced Query

Product Selection:

- Individual items

  With search option

- multiple products

  By collapsing product trees

- cluster of products

  By selecting all products at a given level of aggregation (e.g. all HS 4-digit products)

Advanced Query

Product Selection:

- Aggregates of products

Select from pre-aggregated products; or

Construct users' own aggregates
(My Product Groups) from:

individual items;
multiple products; or
pre-aggregated products

My Product Groups

Create a group:

e.g.

MMF (a short name of the group with no space)

Meat Milk and Fruit (description of the group)

Consisting of HS chapters 02, 04 and 08

Select products from individual items or multiple products.

Create Product Groups

Product Groups provide you the tool to create your own customized product groups. Once you create a new group, you can always use it at a later time, revise and edit your group and resave it. Please note that you would have to select the nomenclature from which you want to create a group of products. You can create these product groups in multiple product classifications. More details...

Nomenclature : HS 2007

New Group Name: MMF

New Group Description: Meat Milk and Fruit

Change Existing Groups: - Select a Group -

Existing Group Name:

Existing Group Description:

Modify | Delete

Populate your group with products:

Select from individual products

Level of Aggregation Chapter (all 2-digit HS codes)

Enter a Product >

Select from product tree

05 -- Products of animal origin, not elsewhere
06 -- Live trees and other plants; bulbs, roots
07 -- Edible vegetables and certain roots and
08 -- Edible fruit and nuts; peel of citrus fruit c
09 -- Coffee, tea, matT and spices

>

Select from Standard product Groups

COMESA-CET1 -- Raw materials
COMESA-CET2 -- Intermediate goods
COMESA-CET3 -- Consumer goods

02 -- Meat and edible meat offal
04 -- Dairy produce; birds' eggs; natural honey; edit
08 -- Edible fruit and nuts; peel of citrus fruit or melc

Advanced Query

Tariff and Trade Analysis (example)

Query Name: TestAQ2

Reporter Countries
- EU, Ghana, Honduras, Japan, Malaysia

Products
- HS 8701, 8702, 8703

Partner Countries
- World

Years
- Latest year available

Tariff Types
- All types

WITS - Tariff and Trade An...

wits.worldbank.org/WITS/WITS/AdvanceQuery/TariffAndTradeAnalysis/AdvancedQueryDefinition.aspx?Page=TariffandTradeAnalysis

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WITS

Change Password Logout

Quick Search | Advanced Query | Tariff and Trade Simulations | Results | Utilities | Support Materials

Home >Advanced Query > Tariff and Trade Analysis

Tariff and Trade Analysis

Tariff and Trade Analysis option within the Advanced Query provides you with multiple tariff types and tariff rates from UNCTAD and WTO databases. It allows you to construc sophisticated queries by including multiple reporters, partners, products, and years in a single query. You can select from your own customized country and product groups or use pre-defined aggregates. Advanced Queries can be saved and reused. This is particularly useful for more complex queries. There are a lot of indicators from average tariff rates to standard deviations, international and domestic tariff peaks, minimum and maximum rates, etc. More details...

New Query Existing Query - Select a Query -

Query Name: TestAQ2

Query Description: Test AQ with Tariff

Data Source: TRAINS

Proceed Delete Reset

Home About Contact Usage Conditions Legal Data Providers

WITS Tariff and Trade Anal...

wits.worldbank.org/WITS/WITS/AdvanceQuery/TariffAndTradeAnalysis/AdvancedQueryDefinitionSelection.aspx?Page=TariffandTradeAnalysis&querytoken=3219&selection=New

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Tariff and Trade Analysis

Query Name: TestAQ2

Importers/Reporters:

Selected
European Union -- EUN Ghana -- GHA Honduras -- HND Japan -- JPN Malaysia -- MYS

<<-Modify->>

Products:

Selected
HS - Combined (Selected Classification) 8701 -- Tractors (other than tractors of heading 87.09). 8702 -- Motor vehicles for the transport of ten or more persons, including the driver. 8703 -- Motor cars and other motor vehicles

<<-Modify->>

Exporters/Partners:

Selected
World -- WLD

<<-Modify->>

Years:

Selected
Use the latest available year

<<-Modify->>

Tariffs:

Selected
Include Effectively Applied rates Include MFN Applied rates Include MFN Bound rates Include Preferential rates

<<-Modify->>

Adjust Years & Submit | Submit | Back

WITS - Query Result

wits.worldbank.org/WITS/WITS/Results/Queryview/QueryView.aspx?Page=DownloadandViewResults

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Reporter	Reporter Name	Product	Product Name	Partner	Tariff Year	DutyType	Simple Average	Weighted Average
288	Ghana	8701	Tractors (other than tractors of heading 87.09).	000	2009	AHS	1.46	3.01
288	Ghana	8701	Tractors (other than tractors of heading 87.09).	000	2009	BND	30.00	30.00
288	Ghana	8701	Tractors (other than tractors of heading 87.09).	000	2009	MFN	1.25	3.01
288	Ghana	8702	Motor vehicles for the transport of ten or more pe	000	2009	AHS	3.33	3.33
288	Ghana	8702	Motor vehicles for the transport of ten or more pe	000	2009	BND		
288	Ghana	8702	Motor vehicles for the transport of ten or more pe	000	2009	MFN	3.33	3.33
288	Ghana	8703	Motor cars and other motor vehicles principally de	000	2009	AHS	9.42	9.38
288	Ghana	8703	Motor cars and other motor vehicles principally de	000	2009	BND		
288	Ghana	8703	Motor cars and other motor vehicles principally de	000	2009	MFN	9.25	9.38
340	Honduras	8701	Tractors (other than tractors of heading 87.09).	000	2009	AHS	0.00	0.00
340	Honduras	8701	Tractors (other than tractors of heading 87.09).	000	2009	BND	16.25	12.53
340	Honduras	8701	Tractors (other than tractors of heading 87.09).	000	2009	MFN	0.00	0.00
340	Honduras	8702	Motor vehicles for the transport of ten or more pe	000	2009	AHS	11.18	11.24
340	Honduras	8702	Motor vehicles for the transport of ten or more pe	000	2009	BND	20.00	20.00

Trade Effect Simulation

(Single market simulation model)

For a given shock on tariff rates (applied or bound), it calculates:

- **Trade Creation and Diversion effects**
- **Tariff revenue effect**
- **Welfare effect**
- **Importer and Exporter Views**

Trade Effects Simulation

(Single market simulation model)

Assumptions:

- Each product is independent
- A same product from different supplier is an imperfect substitute
- Three sets of elasticties (Demand, Supply and Substitution between two suppliers)

Trade Effects Simulation

(Single market simulation model)

Example:

Market: European Union

Products: Motor vehicles of HS 8703

Tariff cut scenario: Duty free for Korean exports

Question: *What will be the loss (or gain) to Japanese exports of the same product?*

WITS - SMART

wits.worldbank.org/WITS/WITS/TariffAndTradeSimulations/SMART/SmartQuery.aspx?Page=SMART

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Quick Search | Advanced Query | Tariff and Trade Simulations | Results | Utilities | Support Materials

Home >Tariff and Trade Simulations > SMART

SMART

SMART allows analysis of the impact of unilateral, preferential and multilateral trade reforms at home or abroad on variables including trade flows (imports, exports, trade creation, trade diversion), world prices, tariff revenues, and economic welfare. This market access analysis is a very useful tool that can be used to anticipate the likely economic effects of various policy alternatives. You can use databases from either UNCTAD or WTO. More details...

New Query Existing Query - Select a Query -

SMART Query Name: EUKoreaFTA

SMART Query Description: EU FTA with Korea

Data Source: TRAINS

Proceed | Delete | Reset

Home | About | Contact | Usage Conditions | Legal | Data Providers

Modify Scenario

New Scenario Existing Scenario

DutyFreeKorea -- Duty Free to Korean Exports

Scenario Name: DutyFreeKorea

Scenario Description: Duty Free to Korean Exports

Save As | Add | Delete | Reset

Step 2

Partner:

Selected
Korea, Rep. -- KOR

<<-Modify->>

Product:

Selected
HS - Combined (Selected Classification) Total Trade

<<-Modify->>

Formula

New Rate 0

SMART

Scenario Name: EUKoreaFTA

Country: European Union -- EUN

Year: 2009

Products:

Selected
HS - Combined (Selected Classification) 8703 -- Motor cars and other motor vehicles principally designed for the transport of persons (other than those of heading 87.02), including station wagons and racing cars.

<<-Modify->>

Scenario:

Selected
DutyFreeKorea -- Duty Free to Korean Exports

<<-Modify->>

Elasticity

Import Demand Elasticity: System Defined Other

Substitution Elasticity: 1.5

Supply Elasticity: 99

Apply Tariff Change on: Applied MFN rate Bound Rate

Save | Save & Submit | Back

Select Report View

Select the Report View

Detailed Data

Raw Data used for simulationa and simulation result

Exporter View Report

Description for Exporter View Report follows .....

Market View Report

Description for Market View Report .....

Revenue Impact Report

Description for Revenue Impact Report.....

Trade Creation Effect

Description for Trade Creation Effect .....

Trade Welfare Effect Report

Description for Trade Welfare Effect Report.....

Exporter View filtered for Japan

Close Back

ReporterName	ProductCode	Partner_ISO_N	PartnerName	ExportsBefore in 1000 USD	ExportsAfter in 1000 USD	ExportChangeInRevenue in 1000 USD
			japan			
European Union	8703	392	Japan	15,812,483.094	15,483,468.881	-329,013.644
European Union	870310	392	Japan	21,016.828	21,016.396	-.431
European Union	870321	392	Japan	376,216.375	357,560.906	-18,655.48
European Union	870322	392	Japan	2,759,922.75	2,704,991.75	-54,930.906
European Union	870323	392	Japan	4,624,837	4,555,193.5	-69,643.258
European Union	870324	392	Japan	1,013,478.563	1,011,700.875	-1,777.674
European Union	870331	392	Japan	263,139.313	261,344.953	-1,794.36
European Union	870332	392	Japan	5,381,301.5	5,205,075.5	-176,225.828
European Union	870333	392	Japan	1,123,970.75	1,118,048.75	-5,921.941
European Union	870390	392	Japan	248,600.016	248,536.25	-63.766

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