

Trade Policy Analysis and Negotiation Tools

Hiroaki Kuwahara

Sudip Ranjan Basu

International Trade Division, UNCTAD

Evidence-Based Policymaking: Training on Simple Modelling Tools

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*The views expressed in this presentation are those of the author and do not necessarily reflect the views of the United Nations /UNCTAD Secretariat or its members.

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

Outline

On the evidence-based Trade Policy Making

Overview of current trade policy & negotiations issues

Introduction to WITS/TRAINS

- Key trade & market access indicators (tariff & non-tariff)

Trade policy research using WITS/TRAINS

SMART simulation model using WITS/TRAINS

- Tariff formulation and tariff cuts

Exercises and conclusion



On the evidence-based Trade Policy Making



Transparency in Trade

- UNCTAD GNTB-MAST would like the New NTMs Classification to be the standard classification for the collection, analysis and dissemination of NTMs information by all international, as well as regional organizations and national agencies.
- UNCTAD in collaboration with the World Bank and WTO propose to launch a multi-year programme to build, update and disseminate free of charge a NTMs database using the new NTMs classification and covering as many countries as possible.
- **New Funding requests for all market access data related work including NTMs (as well as trade and tariff)**
- Multi-agency initiative for 2012-:
  - UNCTAD, World Bank, ITC, AfDB
  - ESCAP, ECA, IADB....

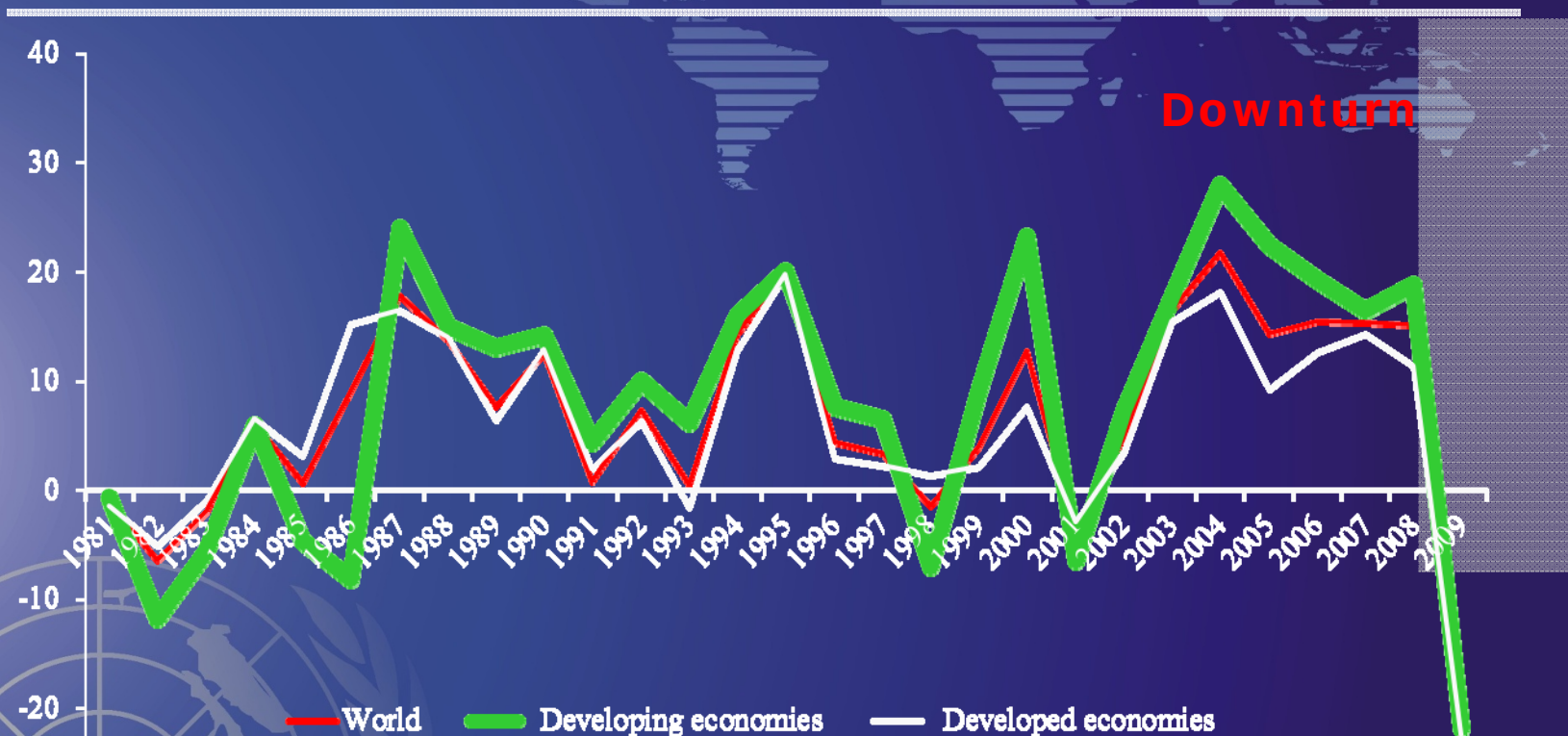
Why Transparency?

- Improved transparency on NTMs would contribute to discourage their use as hidden protectionist instruments.
- Better information on NTMs would contribute better target trade-facilitation and aid-for-trade programs.
- This would contribute to a coordinated effort on NTMs data collection, capacity building and dissemination, which would help policy makers and researchers to better understand the implications of NTMs for international trade and to identify the best policy option to help developing countries to take advantage of the global market.

Trade

World Trade Growth

(merchandise exports annual % growth)



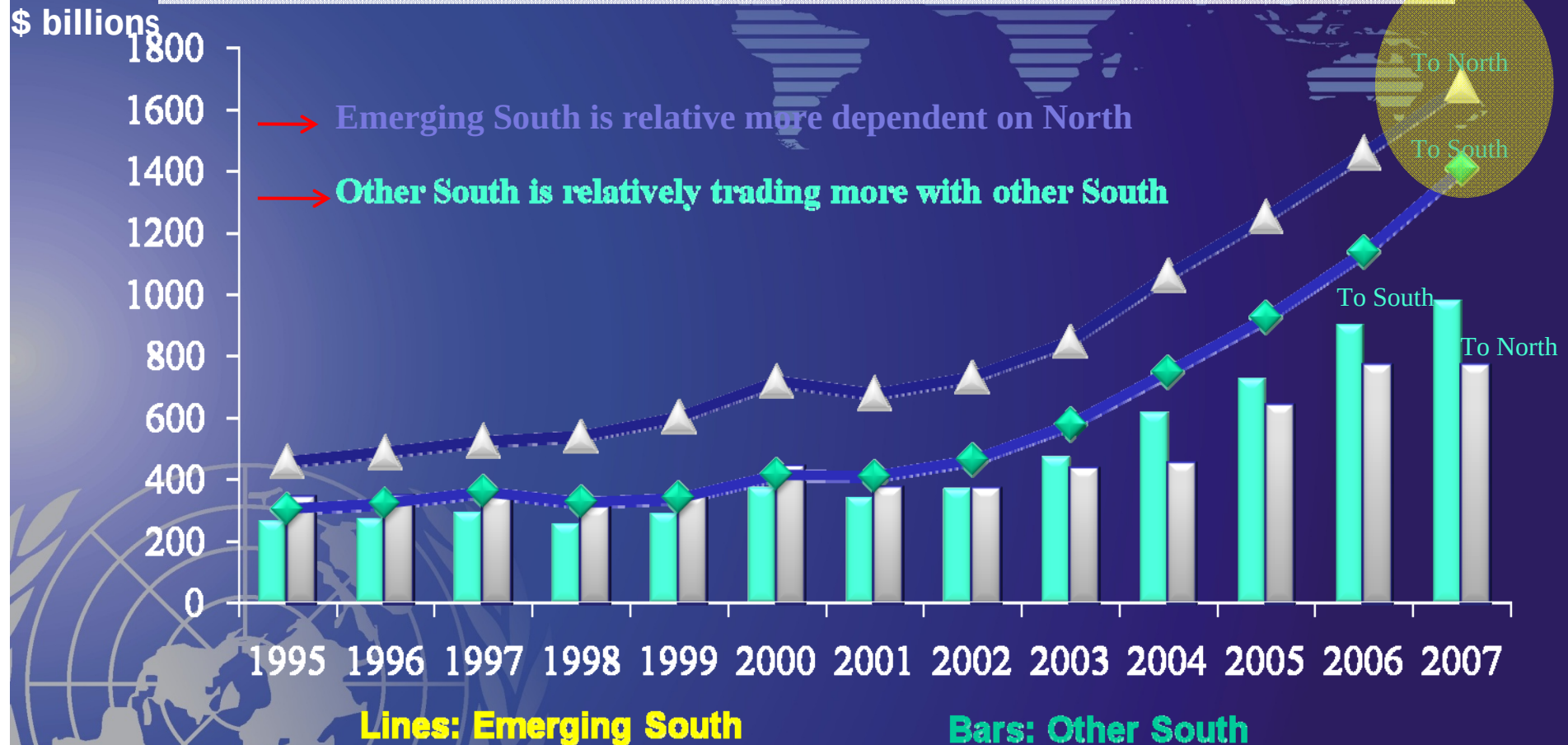
Trade and Growth Nexus



Source: UNCTAD, Project LINK, Bloomberg

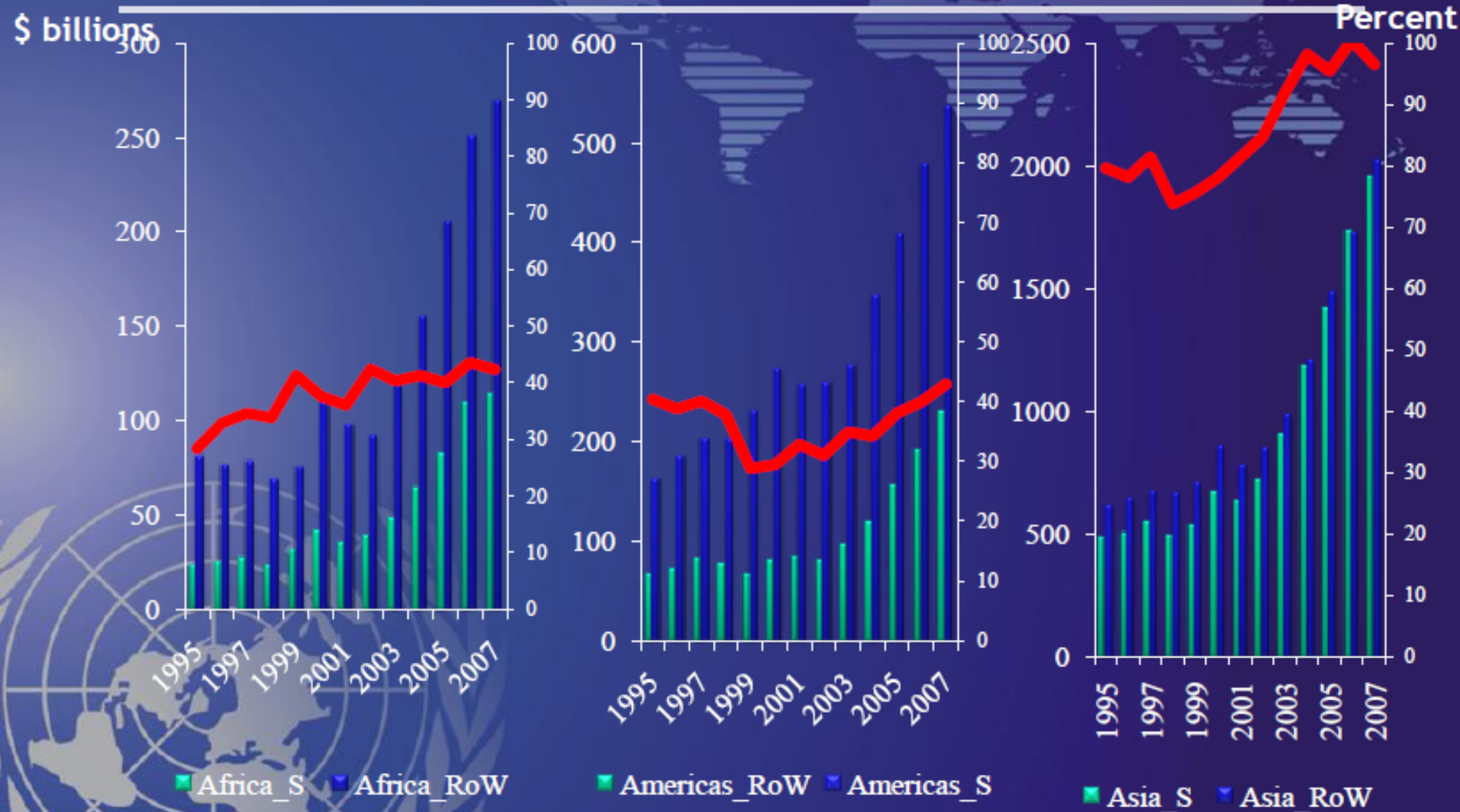
Emerging South grows → over-exposure

(Emerging and other developing countries exports to North and South)



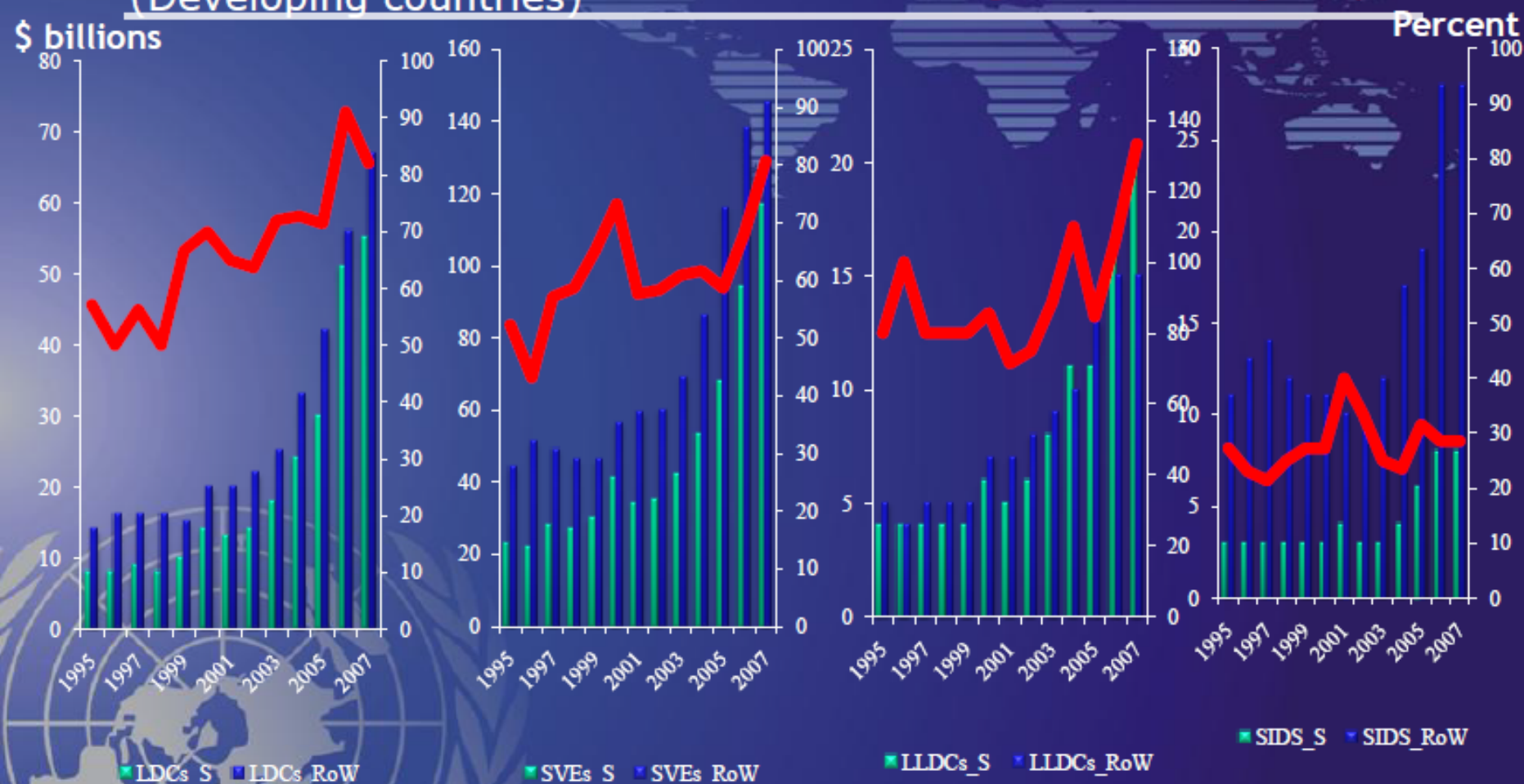
Source: UNCTAD

Regional exports: Africa, Americas and Asia (Developing countries)



LDCs, SVEs, LLDCs and SIDS exports: (Developing countries)

Regions to RoW ratio (right axis)



Note: LDCs: Least developed countries, SVEs: Small and vulnerable economies, LLDCs: Landlocked developing countries, SIDS: Small island developing countries. Source: UNCTAD

Global Economic Crisis

- The world economy is currently facing a severe global crisis that spilled from financial sector to the real economy in the last quarter of 2008
  - steep fall in industrial production
  - rapid decrease in international trade and
  - slow down in foreign direct investments and potentially in development assistance.
- The crisis has brought about a slump in economic growth in most countries and globally, accompanied by increases in unemployment.
- The current global crisis, preceded by the food crisis and volatile energy prices, is a major blow to attaining the MDGs for developing countries.
- Addressing the dampening impact of the crisis on international trade and investment to restore growth and reviewing development policies and partnerships for greater resilience to future shocks and sustainable practices must be a key priority in the multilateral agenda.

Global Economic Crisis

- Most developing countries are now closely linked with the global economy by trade and foreign direct investment flows, and their economies are more sensitive to falling international demand (and conversely to expanding demand).
- The degree of exposure of developing countries' economies to external markets has greatly increased in recent years.
- Developing countries' exports on average accounted for more than half of their GDP (gross domestic product) in 2007, up from about a fourth of GDP in 1995.

A stylized world map in a lighter blue shade, showing the continents and major oceans, positioned in the upper half of the slide.

Overview of current trade policy & negotiations issues





Objective

- A Well-functioning, rules-based, open, equitable, predictable and non-discriminatory Multilateral Trading System (MTS) that promotes development
- Effective, qualitative & beneficial participation of developing countries need to be supported
- WTO **Doha** round is a unique opportunity to achieve a “universal, rule-based, open, non-discriminatory & equitable” MTS (UN MDG 8) by rebalancing & reforming the system

Doha Round Overview

1999	Seattle	Failed launching of a new round
2001	Doha	Doha round launched
2002	--	Missed deadlines (SDT, impl etc)
2003	Cancun	Mid-term agreement failed
2004	July Package	Framework agreement
2005	Hong Kong	Modest progress
2006	--	Suspension in June
2007	--	Resumption (February) AG & NAMA Draft Modalities (July)
2008	--	Revised DMs (Feb, May, July) July Mini-Ministerial
2009	--	No progress
2010	Geneva	Discussions are on...

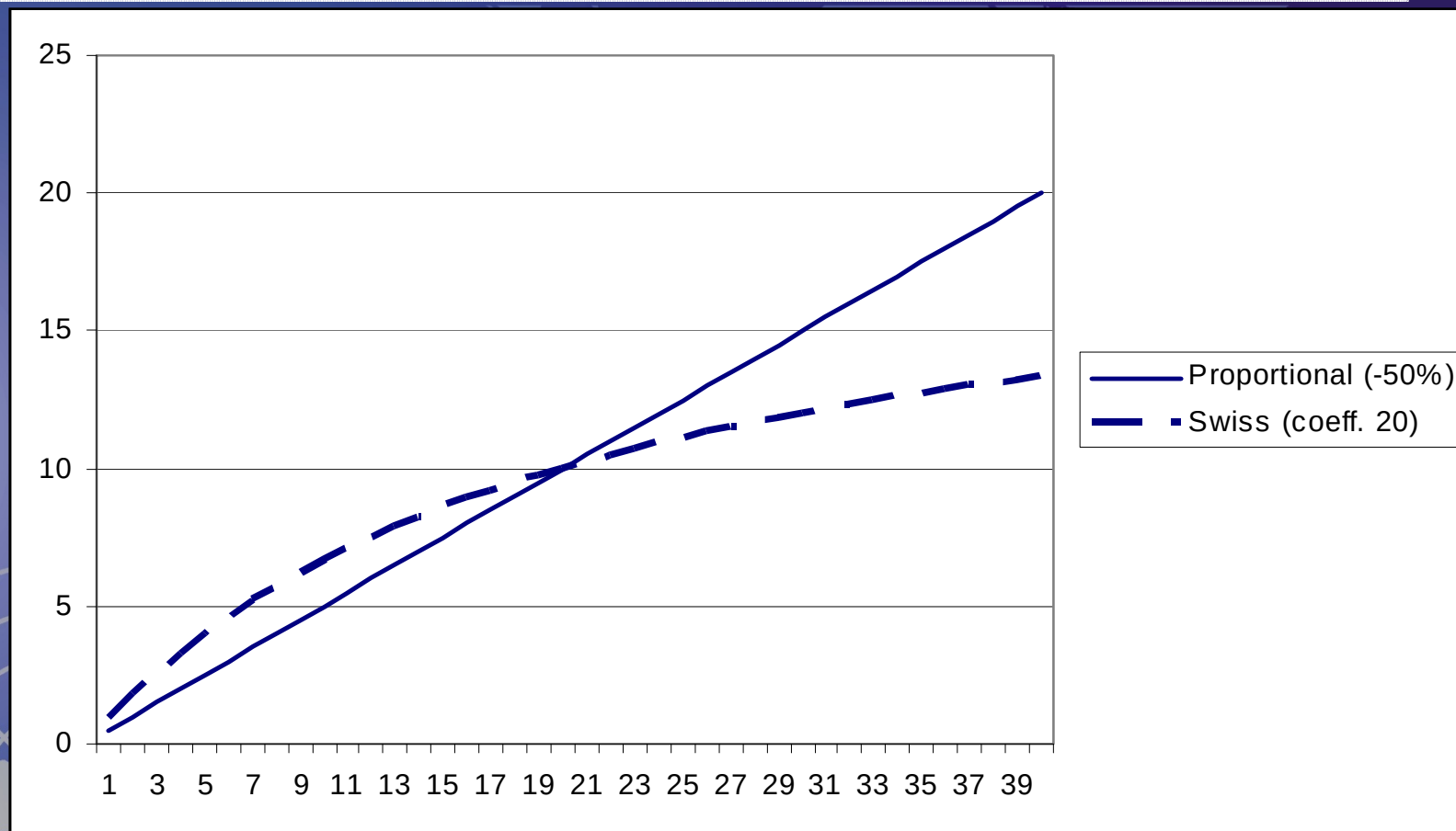
Key issues in Doha

- **Implementation issues**
  - **SDT review**
  - **Agriculture**
  - **NAMA**
  - **Services**
  - **WTO Rules**
  - **Trade facilitation**
  - **TRIPS**
  - **T & Environment**
  - **(DSU review)**
- **Aid for Trade**
  - **Enhanced Integrated Framework**

Tariff negotiations

- Pre-GATT: request-and-offer procedure: bilateral and sequential negotiation
- GATT : request-and-offer procedure: best offer given to any negotiating partner extended to all
- Kennedy Round (1963-67): proportional-cut formula : -35% in average tariffs
- Tokyo Round: Swiss formula : -30% in average tariffs
- Uruguay: broad tariff reduction goals (-30% in NAgri and 15% at least in agriculture)
- DOHA: swiss formula for NAgri + tiered formula for Agri + excluded products

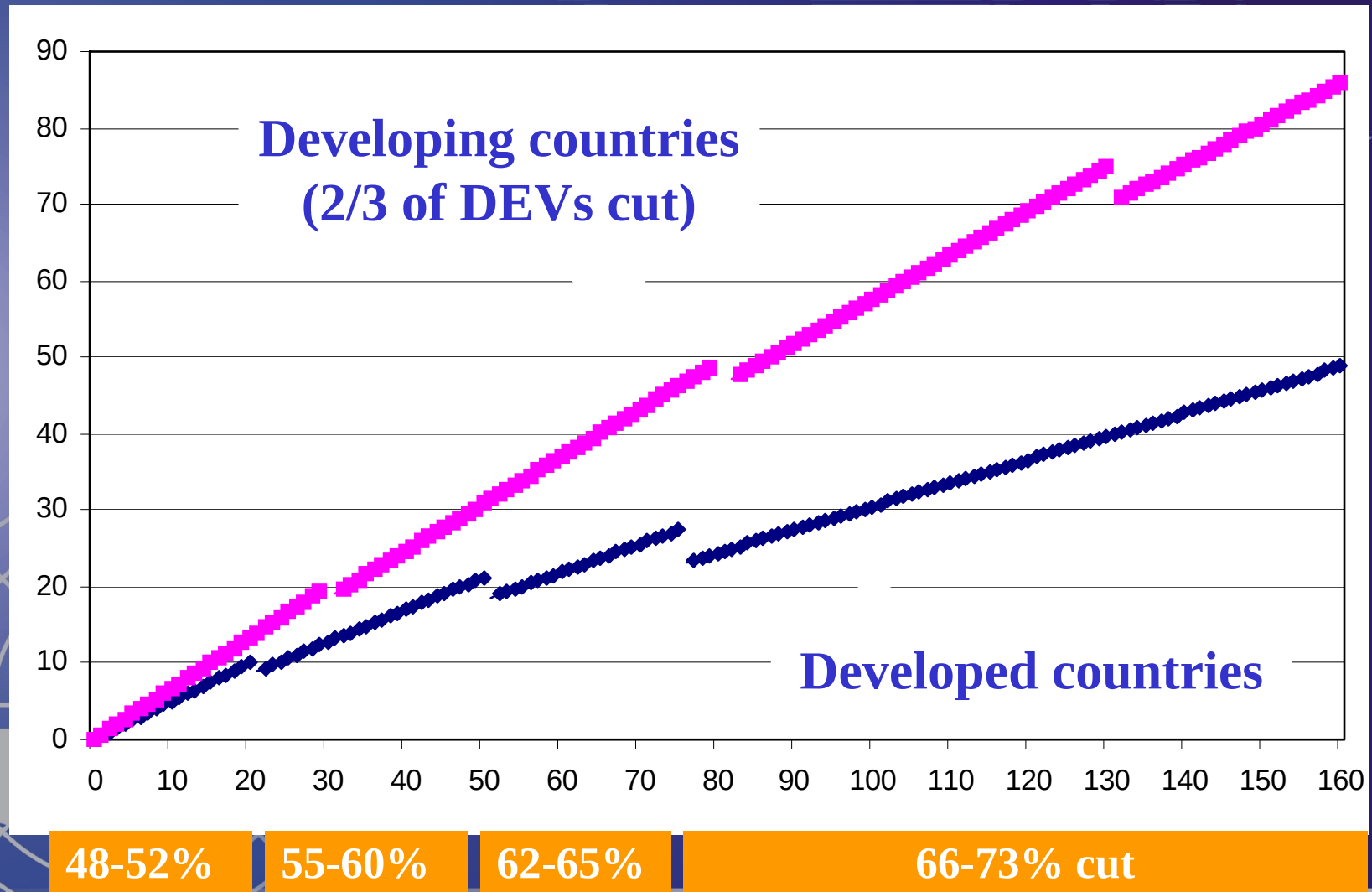
Proportional vs Swiss



Swiss (coeff. a): $t_1 = (a \cdot t_0) / (a + t_0)$

Proportional (b% cut): $t_1 = (1 - b) \cdot t_0$

Tiered Formula: Agriculture





Challenges

- Benefits, opportunity costs & risks of new protectionism since global economic and financial crisis
- Emergence of RTAs
- Trade disputes (US subsidies, EU banana)?
- International governance: Risks to MTS
- Development deliverables (DFQF, AFT, EIF) to be pursued
- Early resumption: AG & NAMA modalities
- Frozen until 2012-13?
  - Political cycles in US (& others) & continued lack of US TPA => constrain US leadership & credible engagement



Introduction to WITS/TRAINS

- Key trade & market access indicators (tariff & non-tariff)



Homepage

WITS Overview

The WITS home page internet address.

WITS - Home Page - Windows Internet Explorer

http://wits.worldbank.org/WITS/WITS/Default-Aspx?Page=Default

Change Password Logout

WITS

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

Welcome

WITS application is aimed to help users find trade values and quantities for products on various nomenclatures; find tariff rates for products in different markets based on various product classifications; compare tariffs across markets; analyze protection levels for countries and products over time; compare scenarios of changes to applied or bound tariffs; or simulate economic impacts of various market access conditions. List of available data include:

- MFN and preferential rates
- Bound tariffs for WTO member countries
- Ad valorem equivalents (AVEs) of specific tariffs using different methodologies
- Trade values and quantities from UNSD's COMTRADE database
- Tariff simulations
- Predefined country and product groups (various product nomenclatures: HS, SITC, ISIC, CPC, GTAP etc)

What is new:

- Offline tool
- Tariff Bulk download
- Tariff Indicators module
- Discussion Forum

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UNCTAD UN WFP

The WITS menu bar gives access to all functionalities through **6 menus**.

Tariff indicators

- **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)

Tariffs and NTMs in WITS

- 3 types of tariffs:
  - **Bound** tariffs (MFN by nature)
  - **Applied MFN** tariffs
  - **Preferential** tariffs

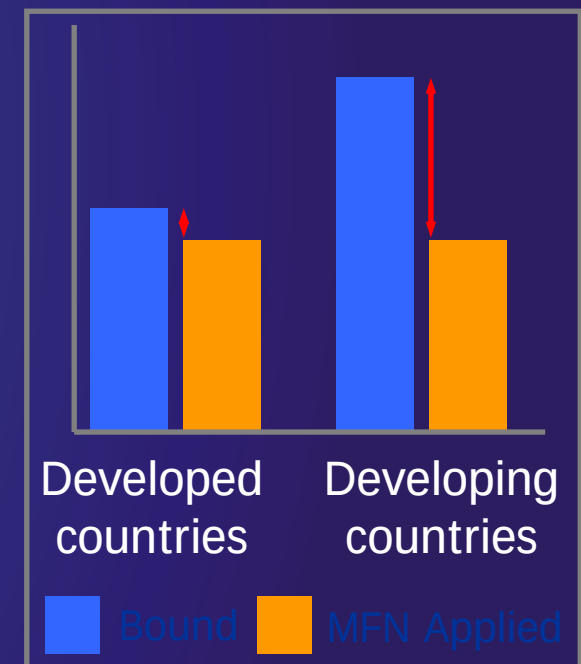


Bound Tariffs

- Bound tariffs are specific commitments made by individual WTO member governments;
- The bound tariff is the maximum tariff level for a given commodity line;
- A country may bind only part of its tariff structure: concept of binding coverage;

Applied MFN Tariffs

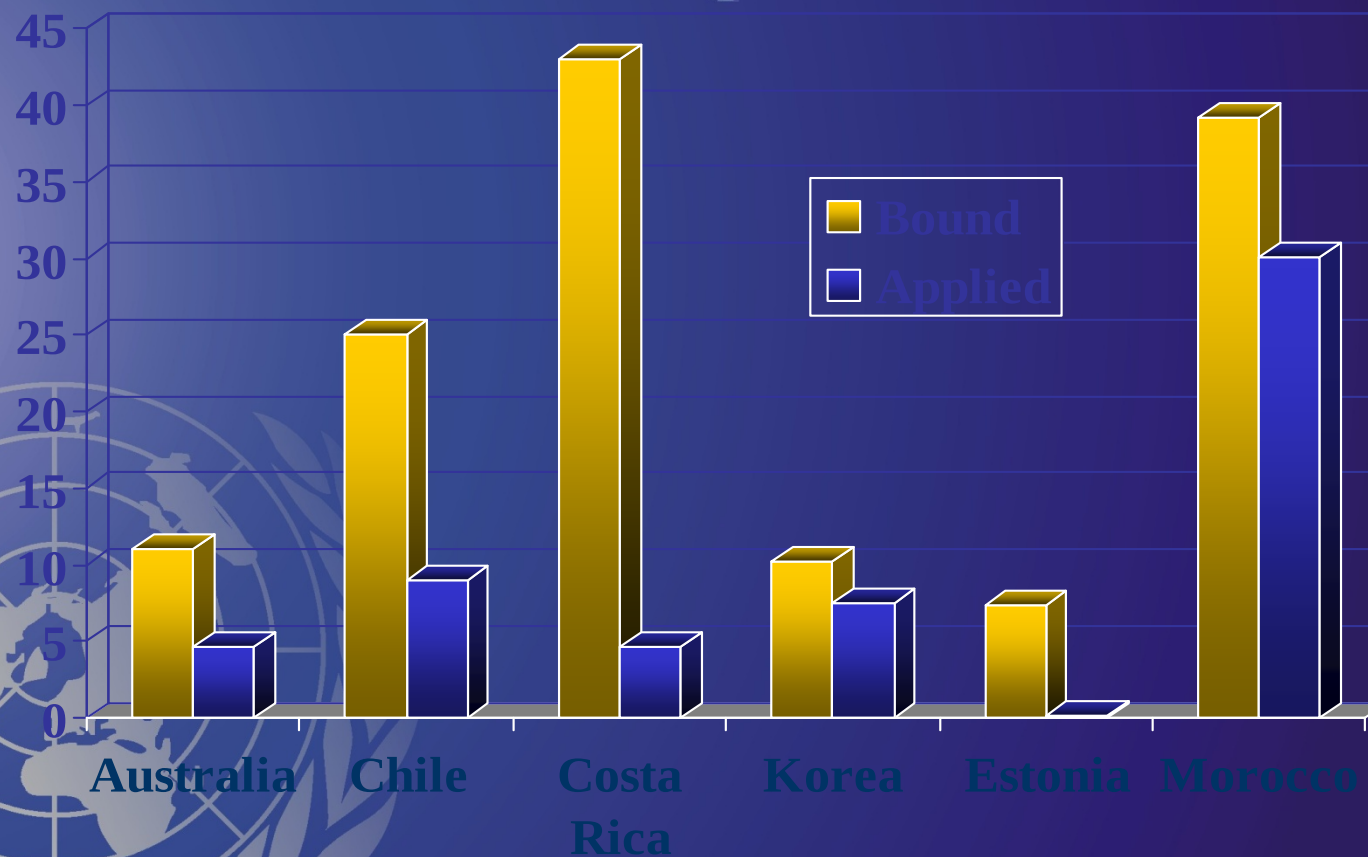
- Tariffs actually applied to all imports except where preferences
- Bound rate $\geq$ Applied rate
- No or little binding overhang for most developed countries
- Developing countries often have binding overhang



Binding overhang concept

Examples of Binding Overhang

Simple averages
of non-agricultural MFN tariffs

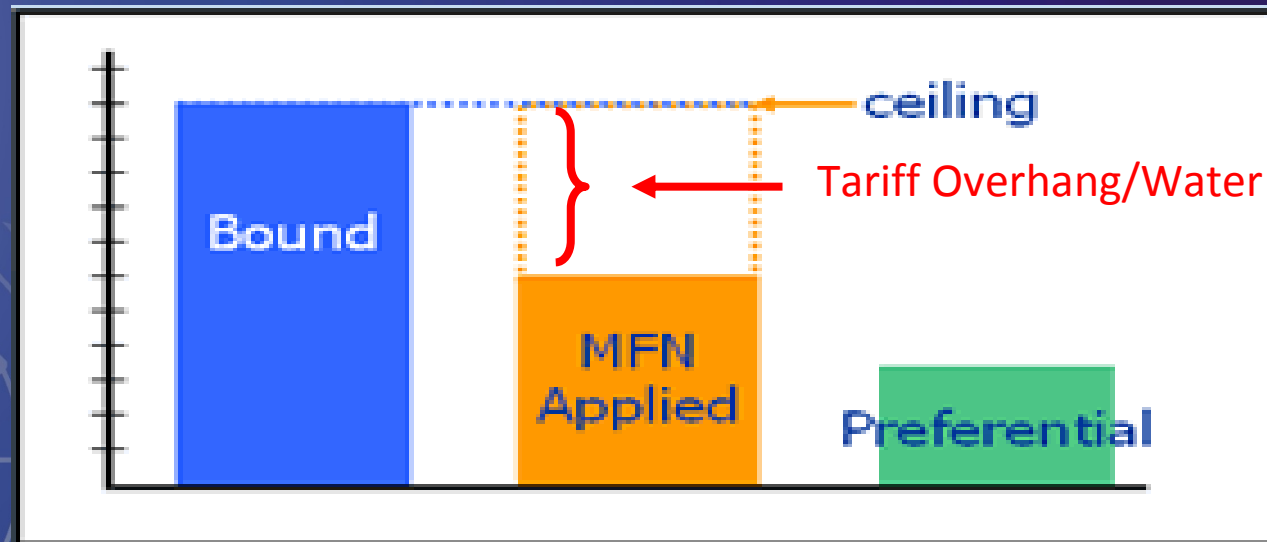


Preferential Tariffs

- Preferential tariffs are granted to a subset of trading partners under some exception to the MFN principle
- Preferences differ between partners and agreements: some countries have access to several preference schemes:
  - Example: ACP countries have access to both EBA and Cotonou preferences when exporting to the EU

Tariffs

- The 3 types of tariffs may exist for the same commodity line. The bound should always be the highest tariff and the preferential the lowest one. The MFN applied should be somewhere in between:



3 tariffs for a same product

Different forms of tariffs

- Ad valorem tariffs (% of declared value)
- Non ad valorem tariffs :
  - Specific tariffs - tariff is a fixed monetary value per unit of the dutiable item (e.g. 50 dollars per kilogram);
  - Compound tariffs - a combination of ad valorem and specific tariffs (such as 10 per cent plus 5 dollars per kilogram);
  - Mixed tariffs - a choice between ad valorem and/or specific tariffs depending on the condition attached (e.g. 10 per cent or 5 dollars per kilogram, whichever is greater);
  - Technical tariffs - tariff rate dependent on the input content such as sugar or alcohol
  - Non ad valorem tariffs are less transparent, more distortive and less stable.

Non-Tariff Measures

- TCMCS identifies over 100 different types of NTMs at its most detailed level grouped in six broad categories.
- NTMs divided into Core and non-Core measures
- **Core Measures:** Measures intended to protect local producers.
- **Non-Core Measures:** Measures intended to protect local consumers.

Changing Nature of NTMs Trend

- **Growing importance of Technical Measures as Barriers to Trade in the face of elimination of Core-Measures**

	1994 (%)	2005 (%)
Core Measures	45	15
Non-core Measures	55	85

Evolution of NTMs Use by Broad Category

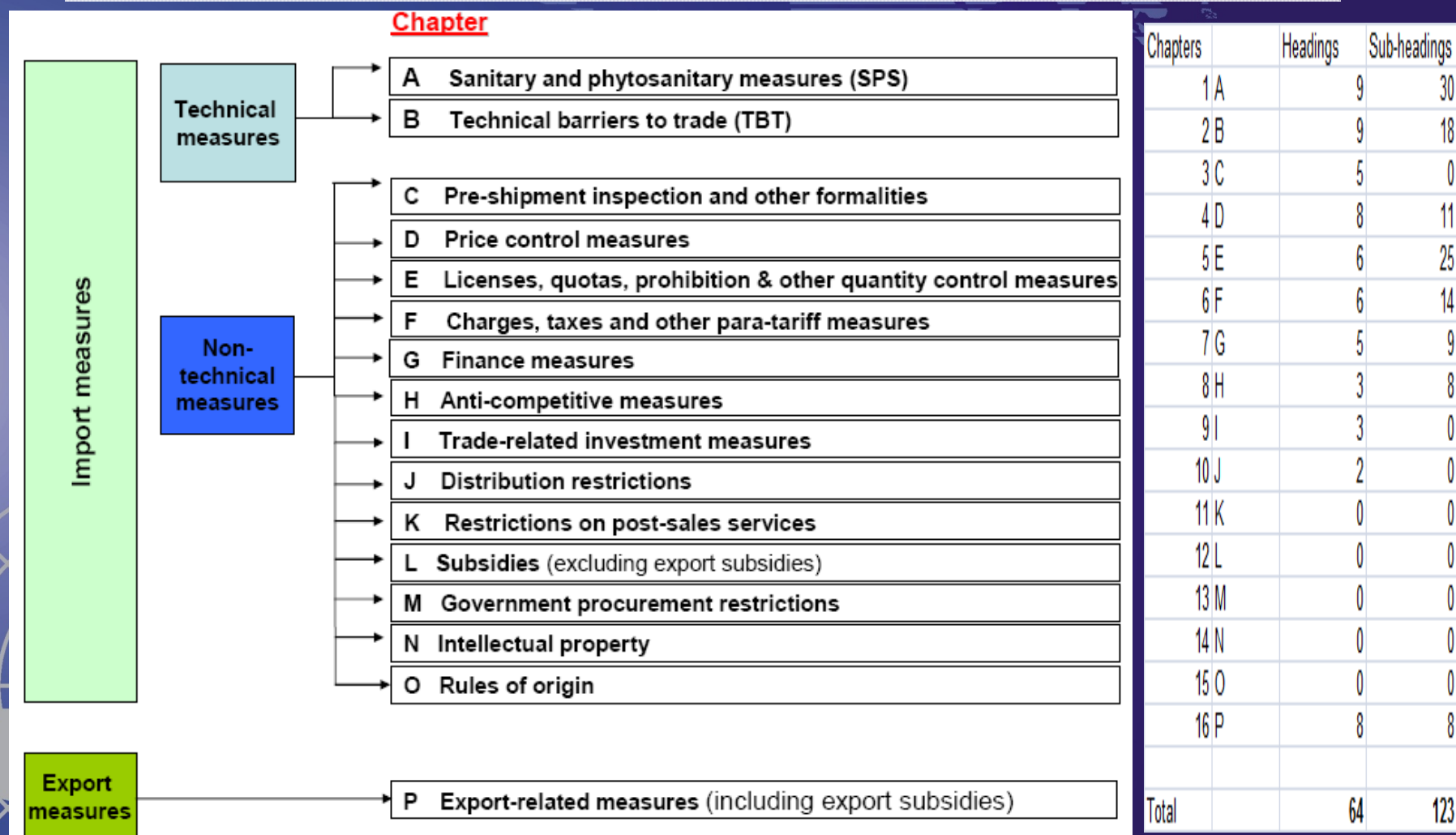
TCM description		1994 (%)	2005 (%)
Non-core measures	AUTOMATIC LICENSING MEASURES	2.8	1.7
	MONOPOLISTIC MEASURES	1.3	1.5
	TECHNICAL MEASURES	31.9	58.5
Core measures	PRICE CONTROL MEASURES	7.1	1.8
	FINANCE MEASURES	2.0	1.5
	QUANTITY CONTROL MEASURES	49.2	34.8

UNCTAD: Definition of NTMs

Final GNTB meeting of November 2009:

- UNCTAD (GNTB-MAST):
  - **Non-tariff measures (NTMs) are policy measures, other than ordinary customs tariffs, that can potentially have an economic effect on international trade in goods, changing quantities traded, or prices or both.**
- NTM: Within border measures
- NTB vs NTM:
  - The protectionist or discriminatory intent is the factor differentiating non-tariff barriers (NTBs) from NTMs
  - NTBs are a subset of NTMs

UNCTAD Non-Tariff Measures Classification (16 December 2009)



Procedural Obstacles Classification (16 December 2009)

- The new classification introduces the concept of “procedural obstacles”.
- Procedural obstacles refer to issues related to the process of application of an NTM, rather than the measure itself.
- “Testing requirement” a TBT measure as opposed to “Excessive documentation requirement”, a procedural obstacle.
- These can only be collected through surveys.

Types of Procedural Obstacles

(16 December 2009)

Chapter

Procedural Obstacles

A Arbitrariness or Inconsistency

e.g. Behaviour of public officials

B Discriminatory behaviour

e.g. Favouring local suppliers

C Inefficiency or obstructions

e.g. Excessive documentation requirement

D Non-transparency

e.g. Inadequate information on laws regulations/registrations

E Legal issues

e.g. Lack of enforcement

F Unusually high fees or charges

e.g. Stamps, testing or other servivces

New Classification of NTMs

- New chapters such as **SPS, TBT, Government Procurement, Export measures, Intellectual Property rights, etc**
- New concept of “**Procedural Obstacles**” to facilitate collection of data from exporters/importers

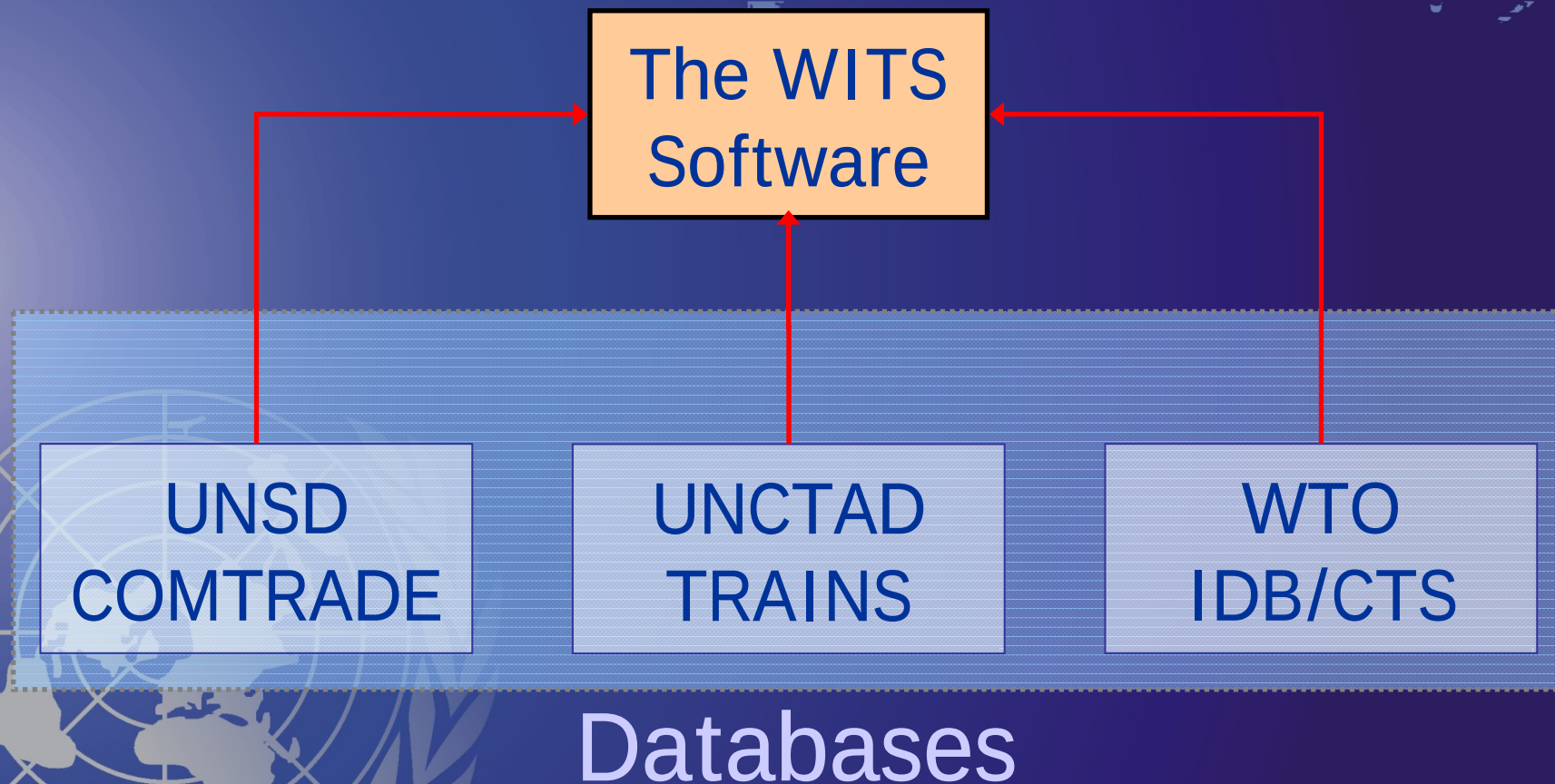
WITS vs TRAINS

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**

What is WITS?

WITS is a software, not a database,
but it sits on databases.



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)

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

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*

WITS - COMTRADE By Pro... x

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Home >Quick Search > UN COMTRADE By Product



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

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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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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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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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WITS

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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)*



Logout

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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 transport of persons, with spark-ignition

Tariff Line: 8703221110 - Motor cars and other motor vehicles principally designed for the transport of persons (other than those of heading 8703.22.10)

Reset

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WITS - Find A Tariff

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

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NomenCode	Reporter_ISO_N	ReporterName	ProductCode	Partner	Year	AdValorem	MeasureCode	MeasureName	NonAdV
____	____	____	____	____	____	____	____	____	____
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:

Market:

Year:

Duty Code:

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WITS - Tariff View and Exp... x

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

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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 in 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”*



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[Advanced Query](#)

[Tariff and Trade Simulations](#)

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[Support Materials](#)

[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:

Market:

Year:

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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WITS - Tariff View and Exp... WITS - Tariff View and Exp... +											
wits.worldbank.org/WITS/WITS/QuickQuery/Tariff-ViewAndExportRawData/TariffViewAndExportRawData.aspx?Page=TariffViewAndExportRawData											
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WITS											
Close Back											
_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*

WITS - CONTRADE By Pro... x

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

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...

WITS

Select Report Columns

Available Columns

Nomenclature
Reporter Code
Reporter ISO3
Reporter Name
Product Code
Product Description
Partner Code
Partner ISO3
Partner Name
Year
Trade Flow Code
Trade Flow Name
TradeValue
Quantity
Quantity Name

>>
>
<
<<

Selected Columns

Nomenclature
Reporter Code
Reporter ISO3
Reporter Name
Product Code
Partner Code
Partner ISO3
Partner Name
Year
Trade Flow Name
TradeValue

Up
Down

Pivot Header : Select
Pivot Data : Select

Proceed Cancel

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UNITED NATIONS

View Data:

Filtering data: e.g. Ad Valorem rates >

	AdValorem	MeasureCode	Meas
	10		
	0.00		MFN dut Applied]
	4.00		MFN dut Applied]
	2.00	002	MFN dut (Applied]
	4.00	002	MFN dut

WITS - Tariff View and Exp... x

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

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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

MFN dut

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

WITS - COMTRADE By Pro... x

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

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Job Name:

Imports of 060311 in 2009 of all countries from the Netherlands

Job Description:

File Format:

Select Report Columns

Available Columns

- Nomenclature
- Reporter Code
- Reporter ISO3
- Reporter Name
- Product Code
- Product Description
- Partner Code
- Partner ISO3
- Partner Name
- Year
- Trade Flow Code
- Trade Flow Name
- TradeValue
- Quantity
- Quantity Name

Selected Columns

- Nomenclature
- Reporter Code
- Reporter ISO3
- Reporter Name
- Product Code
- Partner Code
- Partner ISO3
- Partner Name
- Year
- Trade Flow Name
- TradeValue

Up Down

Pivot Header :

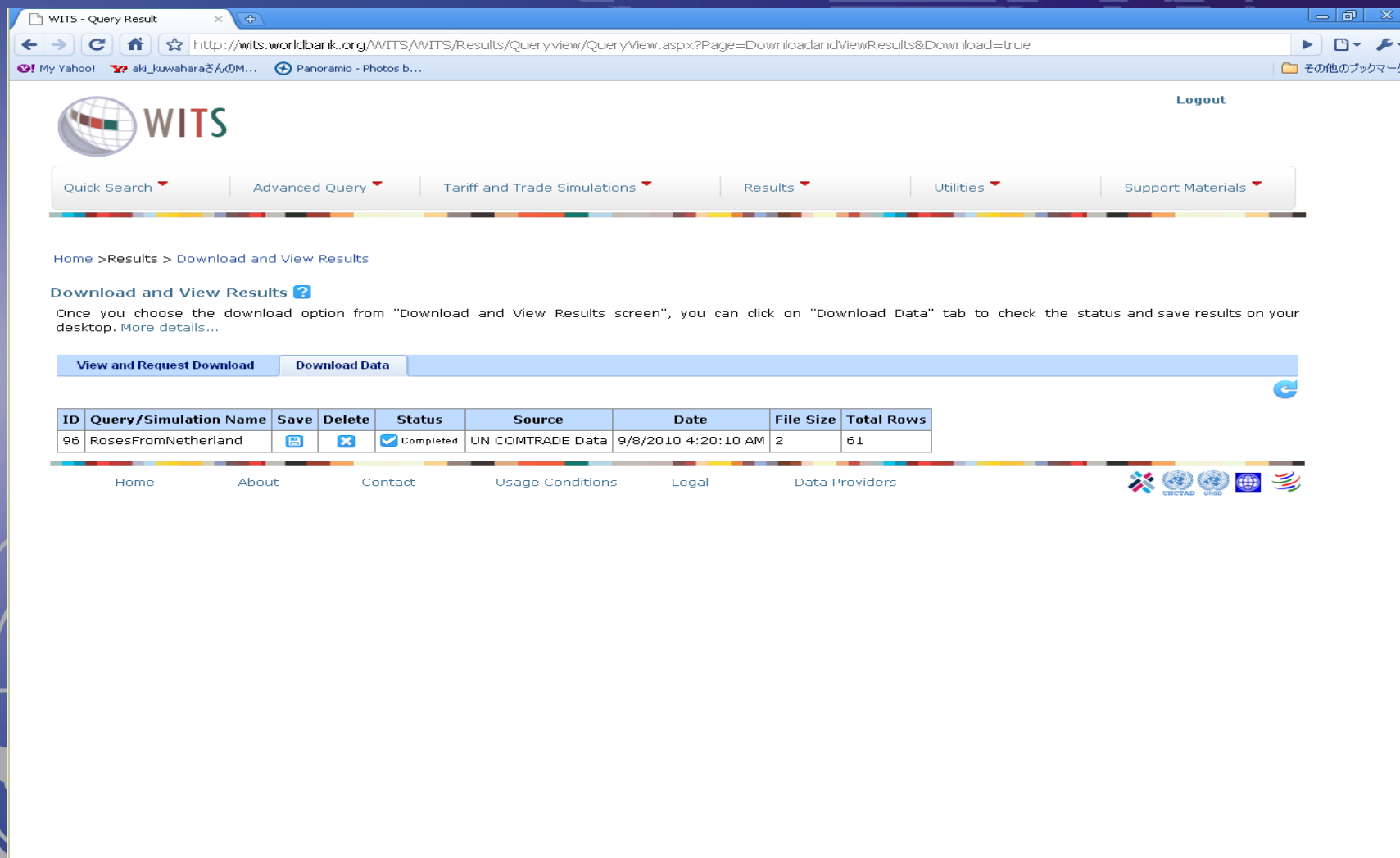
Pivot Data :

Download Cancel

Added 1 partner(s)

Reset View Report Download

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



WITS - Query Result

http://wits.worldbank.org/WITS/WITS/Results/Queryview/QueryView.aspx?Page=DownloadandViewResults&Download=true

Logout

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Home > Results > Download and View Results

Download and View Results ?

Once you choose the download option from "Download and View Results screen", you can click on "Download Data" tab to check the status and save results on your desktop. [More details...](#)

View and Request Download | **Download Data**

ID	Query/Simulation Name	Save	Delete	Status	Source	Date	File Size	Total Rows
96	RosesFromNetherland			Completed	UN COMTRADE Data	9/8/2010 4:20:10 AM	2	61

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UNCTAD | UNCTAD | UNCTAD | UNCTAD

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

Trade Statistics (example)

Query Name: TestAQ1

Reporter Countries

- Thailand, Canada, Korea

Products

- HS 8701, 8702, 8703

Partner Countries

- World, USA, India, Bangladesh, LAO, Fiji

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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Home >Advanced Query > Trade Data (UN Comtrade)



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

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join.me.exe ▾

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WITS - Trade Data Query ...

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wits.worldbank.org/WITS/WITS/AdvanceQuery/RawTradeData/QueryDefinitionSelection.aspx?Page=RawTradeData&querytoken=1017&selection=New

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Home >Advanced Query > Trade Data (UN Comtrade)



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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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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Create Country Groups

Create Product Groups

Create Country 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:

ModifyDelete

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)

Remove All

Save

A new country group, **APF3**, has been added

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:

Asia Pacific and Africa -- APF3

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

Nomenclature

Use Reported Nomenclature

Items

Search based on level of aggregation

>

Product

- [-] Total Trade
- [+] 01 -- Live animals
- [+] 02 -- Meat and edible meat offal
- [+] 03 -- Fish & crustacean, mollusc & other aquatic invertebrates
- [+] 04 -- Dairy prod; birds' eggs; natural honey; edible preparations
- [+] 05 -- Products of animal origin, nes or included elsewhere
- [+] 06 -- Live tree & other plant; bulb, root; cut flowers or other floral material
- [+] 07 -- Edible vegetables and certain roots and tubers

>

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 87.01)
8702 -- Motor vehicles for the transport of >=10 persons
8703 -- Motor cars and other motor vehicles principally designed for the transport of <10 persons

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:**

MME

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 o
- ☐ 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...

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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 construct 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 ▾

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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:

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

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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 policy research using WITS/TRAINS





SMART simulation model using WITS/TRAINS

- Tariff formulation and tariff cuts**



Analytical Tools: SMART

(Single market simulation model)

- SMART:
  - Simulates the partial equilibrium impact of a tariff reduction for a single market
  - Three sets of elasticities (Demand, Supply and Substitution between two suppliers)
  - Can't easily capture the effects of a full round of tariff negotiations

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 elasticities (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?*



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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:

SMART Query Description:

Data Source:

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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



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SMART ?

Scenario Name:
Country:
Year:

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:
Supply Elasticity:
Apply Tariff Change on: ☒ Applied MFN rate ☐ Bound Rate

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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



Exercises and conclusion



Thank you!

aki.kuwahara@unctad.org

sudip.ranjan.basu@unctad.org

trains@unctad.org

Fax: 0041 22 917 00 44

<http://ntb.unctad.org/>

www.unctad-trains.org/

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