

United Nations Statistical Commission

Forty-First Session 23 - 26 February 2010

Seminar on International Trade statistics:

Finding answers for a changing world, new challenges and opportunities



Thursday, 25 February 2010 Conference Room A Temporary North Lawn Building 3:00 - 5:00pm

Highlights of the UNSD current trade statistics outputs and future work

Presentation by Matthias Reister

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Highlights

of International Merchandise Trade Statistics at UNSD -

besides our methodological work on concepts and definitions (IMTS2010), compiler guidance and trade classification (SITC)



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New Trade Statistics Yearbook



- Analytical trade tables (published in the Monthly Bulletin of Statistics)
- New Trade Statistics knowledgebase





Newsletter

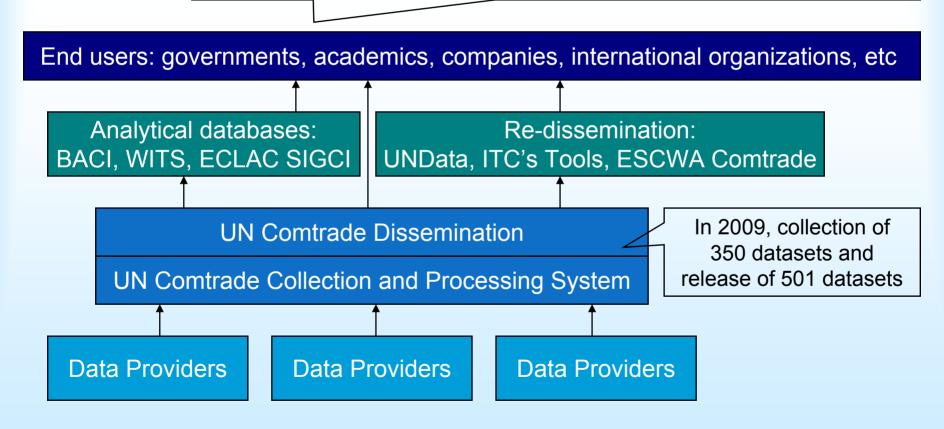
What is **UN comtrade**?

- The United Nations Commodity Trade Statistics
 Database maintained by UN Statistics Division / Trade
 Statistics Branch
- Contains detailed imports and exports statistics reported by statistical authorities of close to 200 countries or areas since <u>year 1962</u> in <u>various commodity</u> <u>classifications</u>
- Considered the most <u>comprehensive merchandise trade</u> <u>database</u> available in Internet with more than 1.75 billions records
- Referenced by other databases as ITC's tools, BACI, WITS, etc

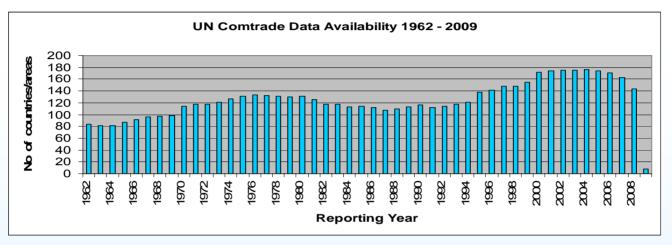


From data providers to end users

In 2009, 4.1 millions data queries and 4.3 billions records downloaded



Coverage & Data Availability



- A typical record is for instance the exports of cars from Germany to the United States in 2009 in terms of value (US dollars), weight and supplementary quantity (number of cars)
- Data available in various commodity classifications: HS (up to 6 digits), SITC, and BEC
- The database is continuously updated. Whenever trade data are received, they are standardized by the UN Statistics Division and then added to UN Comtrade



Enter search terms

Main Features

Data Extraction



- Various basic extraction methods: Text search, Short Cut Query, Basic Selection, Express Selection
 - Bulk download up to 20 millions records per query
- Comtrade data also disseminated in UNdata
- Data extraction via Web Service/API for large unattended data transfer and possibility of data reusability by others

Personalization

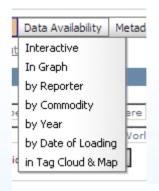
- Save frequently used query; Set new data alert; Automated data extraction
- Create country or commodity groupings; Set frequently used countries / commodities
- Customize download/output format



Main Features (cont.)

Data Availability and Metadata

- Multiple way to view available data
- Each data release accompanied by Explanatory and Publication notes
- Individual footnote records also available





Support and Help

- Browse Knowledge Base for any questions
- Use Community Forum for peer support
- Chat during business hours
- Single Point of Contact: comtrade@un.org





Summary

- Any individual records are available for free
- Updated continuously as data is received (usually within 3 days)
- Detailed data available in various commodity classifications
- Multiple ways of data extraction
- Comprehensive metadata
- Early SDMX adoption

- Navigation through data availability
- Personalization: customized aggregation, automated extraction
- Bulk data download and web services
- Users can re-disseminate limited number of records without explicit permission
- Referenced by others



Analytical Trade Tables Monthly Bulletin of Statistics



Monthly (data t+3 months)

 Imports and exports for countries and regions in U.S. dollars and in national currency

Quarterly (most data t+3 months)

- External trade conversion factors
- Imports and exports trade indices, for countries and regions
- Trade values and indices for manufactured goods exports
- Trade values and indices for fuel imports

Annual:

- World exports by provenance and destination (in US dollars):
 - Totals
 - By commodity, total and for developed economies



Analytical Trade Tables Annual Total Trade Tables

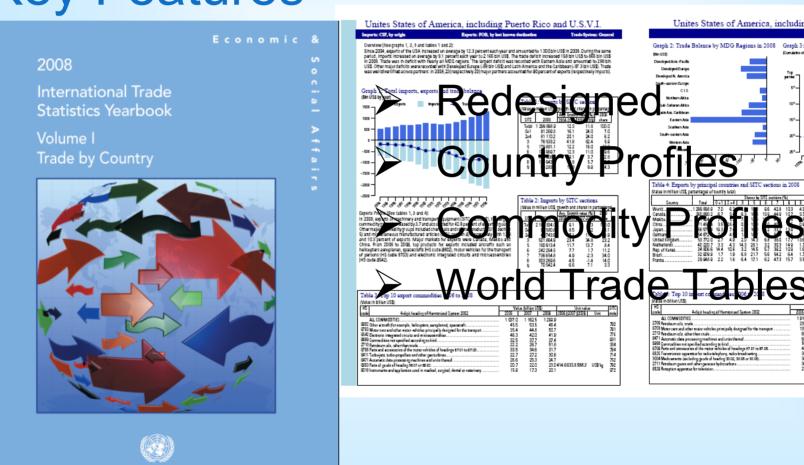
- Comparison of trade totals from two different sources:
 - UN Comtrade (UNSD)
 - International Financial Statistics (IFS)
- Provides totals of imports and exports for all countries beginning with the year 2000
- Latest edition: November 2009;
- Can be freely downloaded at:

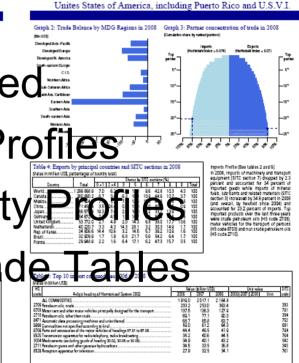
http://unstats.un.org/unsd/trade/imts/annual%20totals.htm



International Trade Statistics Yearbook

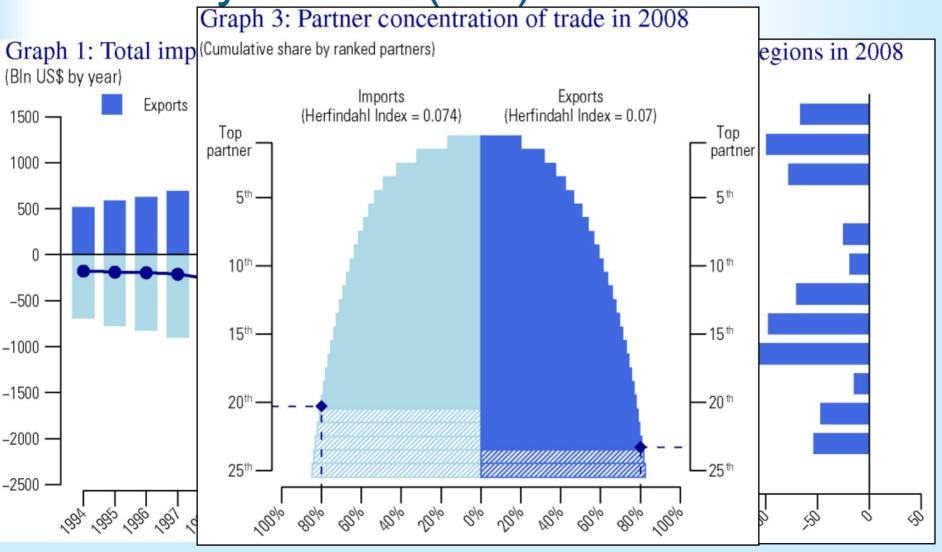
Key Features







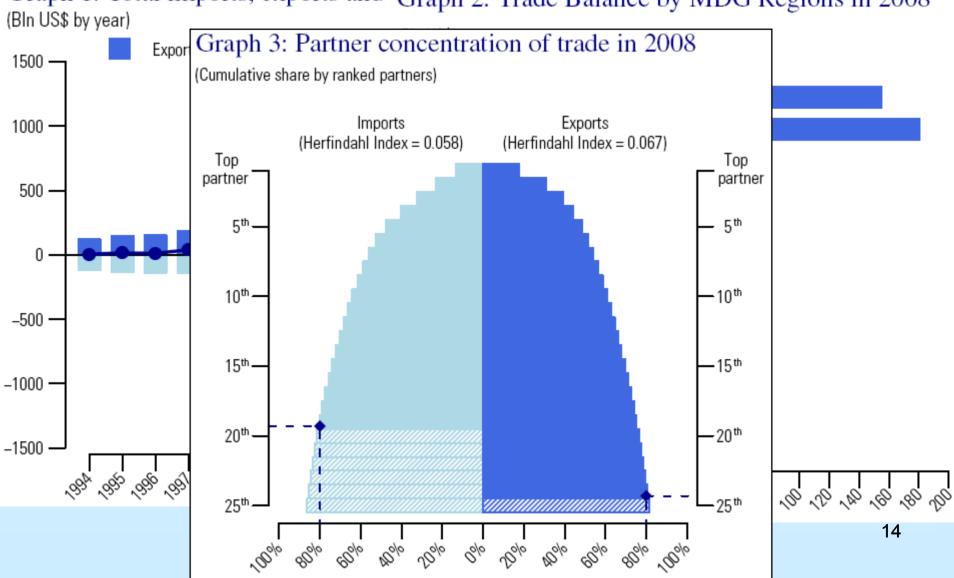
Country Profile (US)





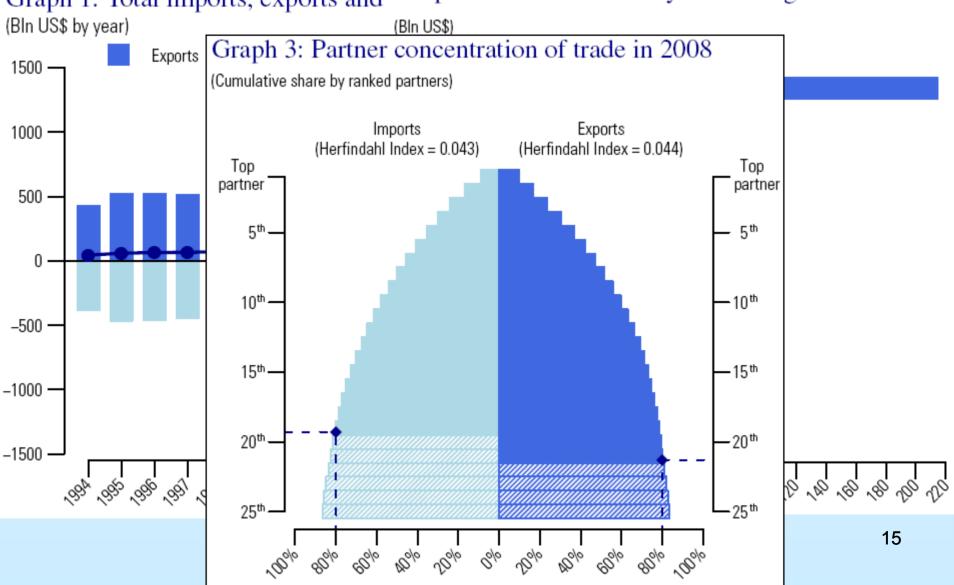
Country Profile (China)

Graph 1: Total imports, exports and Graph 2: Trade Balance by MDG Regions in 2008





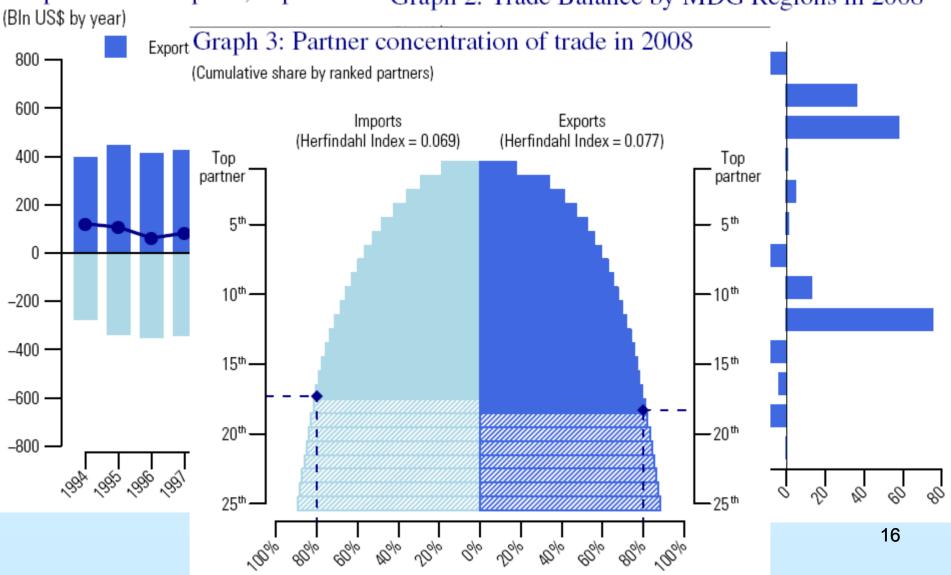
Country Profile (Germany)
Graph 1: Total imports, exports and Graph 2: Trade Balance by MDG Regions in 2008





Country Profile (Japan)

Graph 1: Total imports, exports and Graph 2: Trade Balance by MDG Regions in 2008





Includes

- A short analysis of trade by commodity
- Trade values
 1994-2008
- Top importing and exporting countries
- Trade balance by MDG regions

Petroleum oils and oils obtained from bituminous minerals, crude 333

Since 2004, the value (incurrent price) of exports of crude petroleum oils and oils obtained from bituminous minerals (SITC group 333) increased on average by 28.8 percent earth year and amounted to US\$1.5 million in 2008 [table 2]. Graph 1 shows that in 2008, its exports increased by 40.8 percent, compared to 42.9 percent for world exports of mineral busis, labricants and related materials (SITC section 3) and 15.3 percent for that exports in the exports. It accounted for 53.9 percent of world exports of mineral busis, lubricants and related materials (SITC section 3) and 9.4 percent of total world exports (bable 1).

Top exporting countries were Saudi Anabia, Russian Faderation and Iran (table 2). They accounted respectively for 15.9, 10.1 and 5.7 percent of weak paper laberations 2.0 U.S.A, the top importing country accounted for 2.3.5 percent of world imports in least bits 3). Other analysis represented the second of th

	1994	1005	1996	1997	1996	1952	2000	2001	2902	7903	2004	2005	2066	2007	2009
Alues in Bin US\$ Imp.	181.D	204.8	249.9	298.5	177.5	226.6	392.0	340.2	340.2	427.B	577.0	700.0	991.6	1078.9	1990
Equ	186.D		250.0	241.3	162.5	233.2	376.3	316.1	323.B	300.8	547.0	782.6	945.3	1069.7	
s a percentage of line.	53.5 53.0	53.6 55.1	54.5 55.0	54.6 53.1	517 49.1	54.6 95.1	58.3 56.9	54.5 53.3	55.1 54.3	54.8 54.0	55.3 54.6	55.6 54.9	98.0 94.3	55.3 54.7	95 53
SITC section (%) Exp.	53.0	55.1	55.0	53.1	49.1	95.1	96.9	53.3	54.3	54.D	54.6	54.9	54.3	54.7	58
s a percentane of line.	4.2	4.0	4.7	4.6	3.2	40 42	6.0	5.4	5.2	5.6	6.2	7.6	8.1 7.9	7.7	
world trade (%) Esp.	42	4.0 4.1	4.7 4.8	4.6 4.4	32 30	4.2	6.0 5.9	5.4 5.2	5.2 5.0	5.6 5.3	62 60	7.6 7.6	7.9	7.7	9



	Value	Ang. Snowth (%)	Growsh (%)	World	han S
Country or area	(million USS)	6408	07-09	-	Cun.
World	1508175.2	28.8	40.8	100.0	
Saudi Arabia	2401928	26.8	38.4	15.9	15.0
Russian Raderation	151657.9	28.8	32.7	10.1	25.0
iran	86136.7	25.0	30.7	5.7	31.3
United Arab Emirates	80481.7	29.5	38.2	5.3	Œ.
Vengzuela	77.862.0	34.3	22.9	5.2	42.3
Nigeria	74.832.1	35.0	40.2	5.0	47
Arftyla		53.7	67.8	4.6	51.
Nobray	650883	15.6	21.6	4.4	58.
Canadá	63663.1	34.6	63.2	4.2	60.9
iraq	58200.0	34.6	47.2	3.9	64.3
Ubia	571821	34.7	49.1	3.8	68.1
Kuwait	530701	34.1	30.5	3.6	71.7
Alparia.	*****	26.1	31.6	3.0	740
Azarbaijan		110.2	1274.2	2.0	77)
Kazakhistan		39.7	54.7	2.9	80.9

Graph 2: Trade Balance by MDG regions 2008	Ľ
(Bin (75\$) Imports — Exports — Trade balance	П
	Ш
Developed Asia-Facifit	П
Dweloped Earupe	Ľ
Developed N. Arrentos	Ľ
South-existen Carape	H
CIS	Ц
Nothern Africa	Ľ
Salo-Saharan Africa	В
Ladis Are, Carl bown	В
Eastern Agia	В
Southern Adia	ь
Spath-eastern Ania	В
Western Asia	П
Domasia	П
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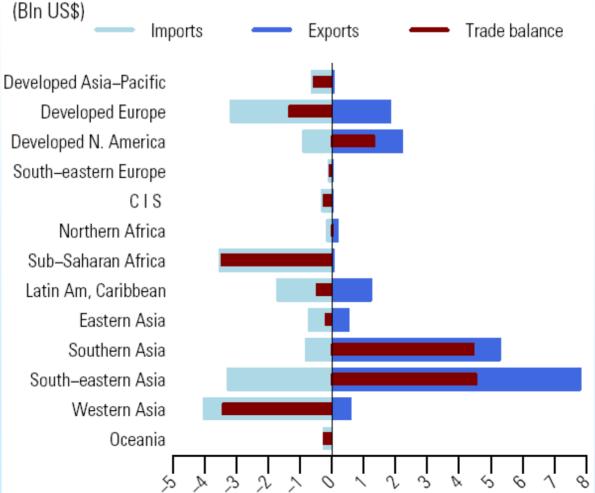
Table 3: Top importing countries or areas in 2008								
	Value	Ang. Snowth (%)	Growsh (%)	World	han S			
Country or area	(million US\$)	8408	07-09		Con.			
World	1960791.0	28.2	44.7	100.0				
USA	363391.1	26.2	43.6	23.3	23.3			
Japan	155473.6	29.1	49.7	10.0	33.2			
trina		39.7 37.0	62.0	8.3 5.5	41.5 47.1			
Inclia		90.2	42.3		52.6			
Garnary		36.4	41	5.1	57.6			
France.	59,821.0	34.0	30.7	3.8	61.5			
Italy	58857.4	25.6	29.4	3.8	65.2			
Netherlands	41995.1	26.1	42.3		67.9			
Spain	41099.0	26.8	39.2	2.6	70.6			
United Kingdom	37908.6	24.9	62.2	2.4	73.0			
Singapore.	36364.7	30.6	61.7	2.3	75.3			
Connels Rolling Resident	72/07/16	25.0	39.4 42.4	2.1	70.5			
Thailand		29.8	48.6	1.9	81.4			
								

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Rice (SITC group 042)

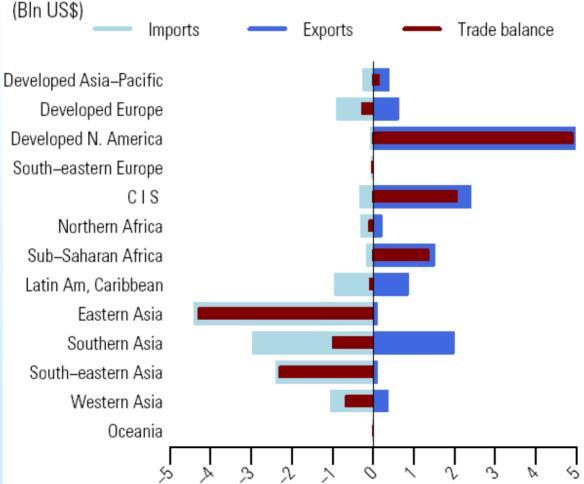
Graph 2: Trade Balance by MDG regions 2008





Cotton (SITC group 263)

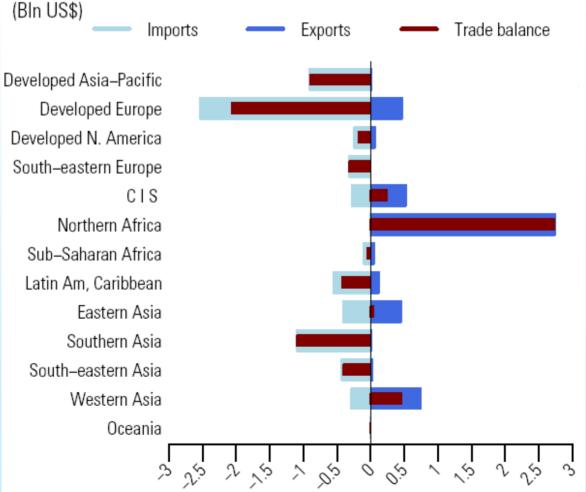
Graph 2: Trade Balance by MDG regions 2008





Crude fertilizers (SITC group 272)

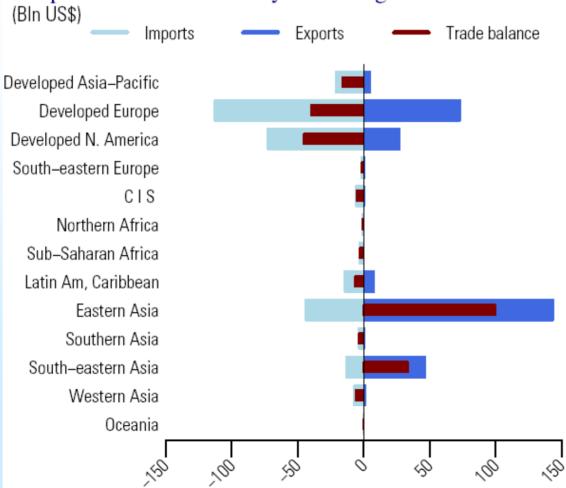
Graph 2: Trade Balance by MDG regions 2008 (Bln US\$)





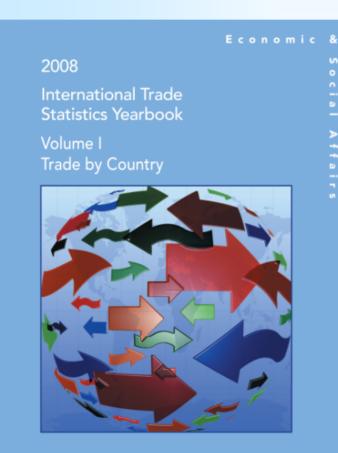
Automatic data processing machines (SITC group 752)







International Trade Statistics Yearbook



available

 Print and electronic version at

https://unp.un.org/

Individual files for download at:

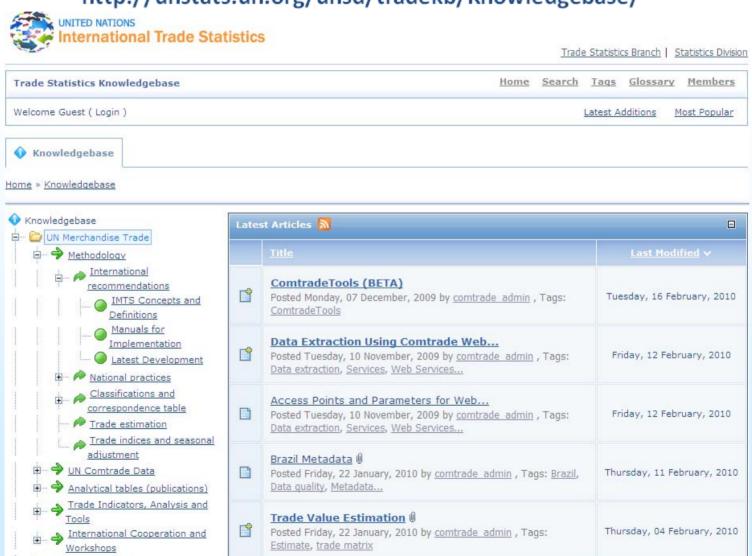
http://comtrade.un.org/pb/





Trade Statistics Knowledgebase

http://unstats.un.org/unsd/tradekb/Knowledgebase/



Popular Articles

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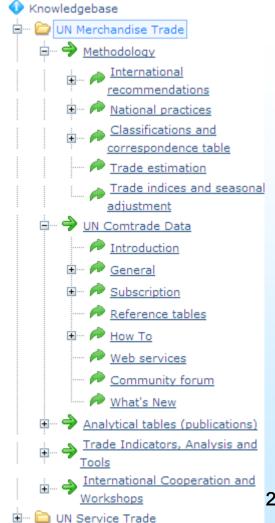
Key Features

- Serve as a single web-based access point for the information on the collection, processing, analysis and dissemination of international trade statistics;
- Metadata at both international and national levels;
- A single reference point for trade statistics with glossary for key trade statistics definitions;
- Users can look for information via 1) key words,
 2) tree structure, and 3) 'Tags'.



Basic Structure of Merchandise Trade

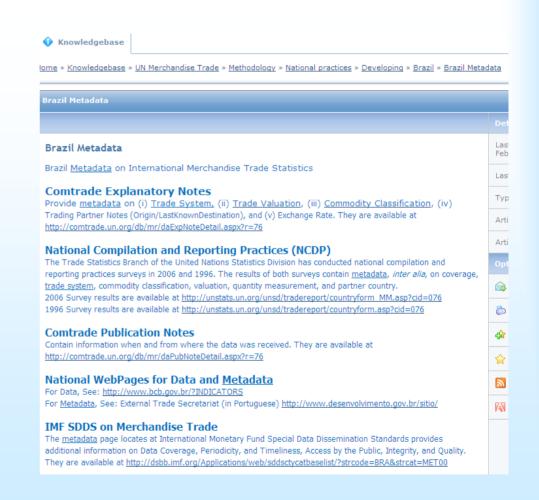
- Methodology
 - International recommendations
 - National practices
 - Classifications and correspondence table
- UN Comtrade Data
- Analytical tables (publications)
- Trade Indicators, Analysis and Tools
- International Cooperation and Workshops





Country Metadata and Best Practices

- Currently includes 293 articles;
- Country Metadata article serves as a single web-access point for the country;
- Will make 186
 countries metadata
 and best practices
 available.



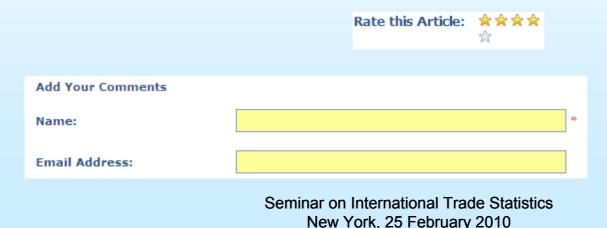


Two-way Communications

 Latest development about international standards and recommendations and other key outputs:



Feedback from users and more ...







Department of Economic and Social Affairs - United Nations Statistics Division

International Trade Statistics Newsletter

It covers

- Special feature (IMTS Rev. 3,EG meetings...)
- Databases and Publications
- Cooperation with Countries and Agencies (workshops,...)
- Questions from UN Comtrade users
- Upcoming events (SC, Task Forces meetings,...)

Quarterly, available at

http://unstats.un.org/unsd/trade/newsletter.htm



Future work

- Revision of IMTS Compilers Manual
- UN Comtrade upgrade new data items, metadata
 - Second partner country
 - Second value for imports (FOB in addition to CIF)
 - Mode of transport

Trade Statistics Knowledgebase

- Easy access support for compilers
- Metadata on national and international level for data users
- Access to all UNSD outputs and activities on merchandise trade

Research agenda

- Study of asymmetries in trade data
- Linking trade and business statistics
- Trade indices
- Automated data transfer
- Other issues (trade by value added, environmental concerns, developing use of quantity information etc.)

Thank you very much for your attention