

Workshop on Trade Policy and Trade Indicators

Module 2.1



E C L A C

Mariano Alvarez

Economic Affairs Officer

Zebulun Kreiter

Economic Affairs Officer

Marcelo Pereira Dolabella

Consultant

Economic Commission for Latin America and the Caribbean

DATA BASES

- National → Central Bank, Customs...
- International → COMTRADE, WTO...
- Main differences:
 - International comparison,
 - Type of classification,
 - Constant values,
 - Monthly updating.

MOST USED DATA BASES

- United Nations → COMTRADE
- ECLAC → CEPALSTAT
- ITID → SIGCI
- United States → USITC
- European Union → EUROSTAT
- WTO → Time series
- World Bank → WITS
- International Monetary Found → DOTS

Commodity Trade Statistics Database

- International,
- Weekly updates of annual periods,
- All Member States and economies,
- Current US Dollar (US\$),
- Quantity units (Kg and 2nd unit),
- Classifications: HS, SITC, and BEC.
- <http://comtrade.un.org>
- <http://comtrade.un.org/db/default.aspx>

Commodity Trade Statistics Database



United Nations Commodity Trade Statistics Database | [Statistics Division](#)

[Home](#) [Data Query](#) [Data Availability](#) [Metadata & Reference](#) [Subscription & Support](#) [Fast tracks](#)

[Home](#) > [Data Query](#) > [Express Selection](#)

Step 1. Select Classification

HS: ☒ As reported ☐ 92 ☐ 96 ☐ 02 ☐ 07 ☐ 12 ☐ BEC

SITC: ☐ As reported ☐ Rev.1 ☐ Rev.2 ☐ Rev.3 ☐ Rev.4

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

Basic Items **Advanced Items**

Enter Commodity Codes / Text

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

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

Enter Reporters Codes / Text

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

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

Enter Partners Codes / Text

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

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

Enter Years

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

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

Select Trade Flow

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

☐ Import ☐ Export ☐ re-Export ☐ re-Import

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

Work on IMTS

- [Methodology IMTS](#)
 - [Analytical Tables*](#)
 - [Int.Coop. & Workshops](#)
 - [Newsletter*](#)
- * regularly updated

Search for help

[Go](#)

UN Comtrade Labs



UNcomtrade

NOW AVAILABLE



UN Monthly
Comtrade



Enter search terms

[Go](#)

Help / Guideline / FAQ

Released data

	# of country periods
today	0
(2017.12.11)	
in a week	22
in a month	28
year-to-date	318
in a year	320
all data	7337

The WTO time series

- International,
- Merchandise and services,
- Selected commodities,
- Balance of Payments 6th and 5th editions
- All Member States and economies, but only as reporters
- Current US Dollar (US\$),
- Annual periods,
- <http://stat.wto.org/>

The WTO time series

WORLD TRADE
ORGANIZATION

THE WTO

① SELECTION

- ▶ Subject
- Reporter
- Partner
- Trade Flow
- Unit
- Year

② VIEW DATA

③ DOWNLOAD

TECHNICAL NOTES

[Statistics Database](#)[Statistics gateway](#)[Contact Statistics](#)[Contact Tariffs](#)

Time Series - Subject selection

Select one of the data sets available from the dropdown list. Then, select corresponding indicator(s).

AVAILABLE DATA SETS	AVAILABLE INDICATORS	SELECTED INDICATORS
<div>Merchandise trade by commodity</div> <div>Merchandise trade indices</div> <div>Network of world merchandise trade</div> <div>Selected regional integration agreements</div> <div>Total merchandise trade</div> <div>Trade in commercial services, 1980-2013 (BPM5)</div> <div>Trade in commercial services, 2005-onwards (BPM6)</div>		
<div>REMOVE</div>		
<div>ADD ALL</div>		
<div>REMOVE ALL</div>		

Eurostat

- Regional,
- Monthly actualization of monthly periods,
- 28 countries report,
- To all trade partners,
- Current Euros (EUR),
- Tons,
- Classifications: HS, SITC, BEC, CCP, and CN8.
- epp.eurostat.ec.europa.eu/newxtweb

Eurostat



eurostat

Your key to European statistics

European Commission > Eurostat > International Trade







Legal notice

International trade Help & FAQ | In

Context Help | Login | Register | Labels language English (en) ▼

Easy Comext News

1/6

	Monthly Metadata November 2017 Monthly Metadata November 2017	
	View details	15/11/2017
	Warning – Error in dataset DS-022469 Warning – Error in quantities – Dataset DS-022469 (EXTRA EU trade Sinc...	
	View details	06/07/2017
	New TEC New TEC (trade by enterprise characteristics)	
	View details	05/07/2017
	Easy Comext update to version 2.7.4. Easy Comext update to version 2.7.4.	
	View details	24/05/2017
	Monthly Metadata Monthly Metadata	
	View details	16/05/2017
	Internet Browsers (in)compatibility Internet Browsers (in)compatibility	
	View details	22/03/2017

<< < > >>

Choose an item from the hierarchy below or filter datasets by keywords

Search datasets

Available datasets

Available nomenclatures

- BEC-IND   
- CPA  
- CPA2008_NEW  
- EU_FLUX  
- FREE_ISO  
- LEGAL_TARIC  
- CN  
- NSTR   
- PRODCOM_GEO   
- PRODCOM_INDICATOR  
- PRODCOM_MONTHLY   
- PRODCOM_YEARLY   
- SITC  

Available relations

United States International Trade Commission

- National,
- Monthly update of monthly periods,
- Only the United States report,
- To all its partners and regions,
- Current US\$,
- Kilograms,
- Classifications: HS, SITC, SIC-NAICS,
- Type of tariff program.
- <http://dataweb.usitc.gov>



UNITED NATIONS

ECLAC

United States International Trade Commission



United States
International Trade Commission

Main Menu
Version 3.1.0

Create a New Query/Report:

Select Trade Type: ?	Select Classification System for List and Display	Select Years for Trade Data
<p><input checked="" type="radio"/> U.S. Imports For Consumption</p> <p><input type="radio"/> U.S. Domestic Exports</p> <p><input type="radio"/> U.S. General Imports</p> <p><input type="radio"/> U.S. Total Exports</p> <p><input type="radio"/> Trade Balance</p> <p>Users : See A Note on U.S. Trade Statistics</p>	<p>Try This First!</p> <p><i>Includes HTS, SIC, SITC, End-use, AG codes, and pre-defined country groups. Fast and easy!</i></p> <p><input checked="" type="radio"/> QUICK QUERY</p> <p>Advanced Searching</p> <p><i>ONLY for using customized product or country "lists".</i></p> <p><input type="radio"/> HTS ITEMS</p> <p><input type="radio"/> SIC CODES</p> <p><input type="radio"/> SITC CODES</p> <p><input type="radio"/> NAIC CODES</p> <p><input type="radio"/> EXPERT MODE</p>	<p>Years:</p> <p><input checked="" type="radio"/> Current U.S. Trade (1996-2017)</p> <p><input type="radio"/> Historical Data (1989-1995)</p>
<p>Proceed With New Query</p> <p>Note: To start a new query click on "Proceed With New Query".</p>		

Statistics of Latin America and the Caribbean

- Center of data,
- Monthly update,
- Social statistics,
- Economic statistics,
- Environmental statistics,
- Statistical publications.
- <http://estadisticas.cepal.org/cepalstat/portada.html>



ECLAC

Statistics of Latin America and the Caribbean



NACIONES UNIDAS

CEPAL

CEPALSTAT | Bases de Datos y Publicaciones Estadísticas

Comisión Económica para América Latina y el Caribe

CEPAL

División de Estadísticas

Contacto

English

Portada

Estadísticas e Indicadores

Perfiles Nacionales

Publicaciones Estadísticas

Métodos y Clasificaciones

Open Data/API

Acerca de CEPALSTAT



ESTADÍSTICAS E INDICADORES

● Combine indicadores / interfaz avanzada

buscar

+ Demográficos y sociales

- Económicos

+ Sector real

+ Sector externo

+ Sector público

+ Sector financiero y monetario

+ Ambientales

+ Temas transversales

Indicadores económicos seleccionados
para el análisis de la coyuntura regional

CEPALSTAT

© Naciones Unidas, 2000-2017 | Términos y condiciones

Map-based international trade system

- Access gate to COMTRADE,
- Monthly update of annual data,
- Trade by commodities or indicators,
- Results presented in numbers and maps,
- All member states and economies,
- Mirror statistics,
- <https://www.cepal.org/es/datos-y-estadisticas>

World Integrated Trade Solution

- International
- Includes 3 major databases maintained by partner international organizations:
 - The UNCTAD TRAINS
 - The WTO IDB/CTS
 - The UNSD COMTRADE
- Multiple functions for analyses
- Classifications: COMTRADE+GTAP, ISIC, HS SITC...
- Allows tariff analysis (TRAINS)
- <http://wits.worldbank.org>

OECD - MIT

- The Observatory of Economic Complexity (OEC)
- Trade Data (BACI-CEPII)
- Analysis of export and import baskets from different spheres:
 - Bilaterally or multilaterally
 - Cross section or time series
 - Different product/sector classifications (HS96, HS02, HS07, HS12, SITC)
- Economic Complexity Ranking
- <https://atlas.media.mit.edu/en/>

Other sets of operational data

- Employment (ILOSTAT, ILO; Jobs, World Bank)
 - <http://datatopics.worldbank.org/jobs/>
 - <http://www.ilo.org/ilostat/>
- Enterprise Surveys
 - <http://www.enterprisesurveys.org/>
- Doing Business
 - <http://www.doingbusiness.org/>
- The Global Competitiveness Report
 - <https://www.weforum.org/reports/the-global-competitiveness-report-2016-2017-1>



Input-Output Matrices

- Input-output matrices have their origin in the national accounts of countries.
- It is the presentation, in an accounting format, of information related to the economic activities of a country.
- They give us a view of the economic relations between the industrial sectors.
- We can see the transactions of intermediate goods as those of final goods (for consumption or capital) in the domestic market.
- You can see the imports of intermediate goods and total exports, without identifying the country of origin or destination.
- **Not all matrices are similar for several reasons:**
 - **Different productive structure;**
 - **Several base years (2005, 2007, 2008...);**
 - **More than one valuation (buyer prices or basic prices)**

Input-Output Matrices

- The main foundation of the national accounts is that everything that is produced is used (to produce another good or to consume)
- Or simply, that everything that an economic agent sells is bought by another (or others); everything that is exported from one country, is imported by another country (or countries); everything saved is invested, everything spent is income ...
- But the construction of a matrix is a long and complex process ...
- Mainly, due to problems of data collection, surveys, classifications, groupings, the informal economy, etc.
- However, the national accounts collect and correct most of these inconsistencies, which provides us with consistent tables
- Being the tables resulting from the national accounts ...

Basic form in which resources are reported in an input-output matrix ...

SUPPLY

	Intermediate Demand	Final Demand			Exports	Total Production
		Final Consumption	GFCF	Change in Inventories		
S1 ... Sn	S1 ... Sn					GVA S1 ... GVA Sn

But in the IOM the External Market is not disaggregated by destination nor the purchasing sectors

Internal Market

External Market

Each sector of the economy sells its production to the domestic market or exports it, either as an input to the production process of another sector or as a final good.

Basic form of uses in an input-output matrix

USE

	Intermediate Demand
	Sectors j 1 2 3 ... N
Sectors i 1 2 3 ...	
Imports	
Gross Value Added (GVA)	
Total Production	GVA S_1 GVA S_n

Each sector pays for the purchase of domestic or imported intermediate goods and in value added (employee compensation, gross operating surplus, etc.)

Internal Market

External Market

No discrimination by country of origin

The combination of both tables determines the national input-output matrix

	Intermediate Demand	Final Demand				Total Production
		Final Consumption	GFCF	Change in Inventories	Exports	
$S_1 \dots S_n$	$S_1 \dots S_n$					$GVA S_1 \dots GVA S_n$
Imports						
Value Added						
Total Production	$GVA S_1 \dots GVA S_n$					

This does not include detail on the external sector – a preliminary step towards developing a regional input-output matrix

Needs to be disaggregated by the origin of imports!!

Obtained directly from partners' data



UNITED NATIONS

ECLAC

www.eclac.org

