

# Laboratorio di analisi economica

CdL Economia e Finanza

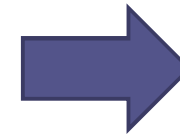
A.A. 2019/2020

Docente: G. Sulis

## IV modulo: Ind. commercio internazionale 1/k

### **Possibili indicatori :**

- Esportazioni
- Importazioni
- Esportazioni nette
- .....

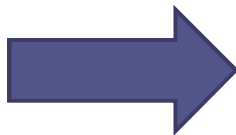


**NB:** la struttura del database del commercio internazionale è molto simile a quello inerente i dati sull'IMMIGRAZIONE.

**Disaggregazione del dato e territorio di interesse:** Dati nazionali.

# IV modulo: Ind. commercio internazionale 2/k

## Banca dati: Eurostat (<http://ec.europa.eu/eurostat>)



**eurostat**  
Your key to European statistics

Legal notice | RSS | Cookies | Links | Contact | English

Type a keyword, a code, a title...

European Commission > Eurostat > Home

**News**   **Data**   **Publications**   **About Eurostat**   **Help**

**LATEST NEWS RELEASES**

25/10/2016  
**Organic crop area on the rise in the EU**  
With more than 11 million hectares of certified area or area under conversion in 2015, organic farming made up 6.2% of the European Union's (EU) total utilised agricultural area (UAA). Since 2010, the area devoted to organic farming has grown by almost two million hectares. Similarly, an upward... [more](#)

See complete list of news releases

Release calendar   European Statistics Day

**LOOKING FOR INFORMATION ON A SPECIFIC TOPIC**

- General and regional statistics
- Economy and finance
- Population and social conditions
- Industry, trade and services
- Agriculture and fisheries
- International trade
- Transport
- Environment and energy
- Science, technology, digital society

**STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS**   **RECENT PUBLICATIONS**

Topic	Update Date
Pesticide sales statistics - Updated	26/10/2016
Inland transport infrastructure at regional level - Updated	25/10/2016
Mining and quarrying statistics - NACE Rev. 2 - Updated	12/10/2016
Consumer prices - inflation and comparative price levels - Updated	25/10/2016

**DATA**

- Most popular tables
- Complete database
- Apps & Tools

**Key figures**

Indicator	2015, EU	2015, EU	2014, EU	2015, EU
Youth employment	76.9%			
At risk of poverty or social exclusion		23.7%		
R&D expenditure			2.03%	
GDP				1.9%

**Employment of recent graduates aged 20-34**  
who completed at least upper secondary education 1-3 years ago  
% of employed aged 20-34

Line chart showing employment of recent graduates aged 20-34 for the UK, EU, and CY from 2011 to 2015. The Y-axis ranges from 50 to 90. The X-axis shows years from 2011 to 2015. The UK (orange line) shows a steady increase from approximately 80% in 2011 to 85% in 2015. The EU (blue line) shows a slight dip in 2013 before rising to about 78% in 2015. The CY (grey line) remains relatively stable around 70%.

**Focus on**

- > Euro-indicators/PEELs
- > Macroeconomic Imbalances Procedure (MIP)
- > Sustainable Development
- > Europe 2020

**Accounting rules for PPPs**

**European Statistics Day**

Eurostat celebrates first Europe...

# IV modulo: Ind. commercio internazionale 3/k

**LATEST NEWS RELEASES**

04/11/2016

### Industrial producer prices up by 0.1% in euro area

In September 2016, compared with August 2016, industrial producer prices rose by 0.1% in the euro area (EA19) and by 0.2% in the EU28, according to estimates from Eurostat, the statistical office of the European Union. In August 2016 prices fell by 0.2% in both zones. [more](#)

[See complete list of news releases](#)

Release calendar      Infographic: Economic activities

**LOOKING FOR INFORMATION ON A SPECIFIC TOPIC**

- General and regional statistics
- Economy and finance
- Population and social conditions
- Industry, trade and services
- International trade**

[> International trade in goods](#)      [> International trade in services](#)

- Transport
- Environment and energy
- Science, technology, digital society

**STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS**

International trade in services - Updated      08/11/2016

**tables**

### Key figures

Youth employment	At risk of poverty or social exclusion	R&D expenditure	GDP
2015, EU <b>76.9%</b>	2015, EU 23.7%	2014, EU 2.03%	2015, EU 1.9%

**Employment of recent graduates aged 20-34**  
who completed at least upper secondary education 1-3 years ago  
% of employed aged 20-34

**Focus on**

- > Euro-indicators/PEEIs
- > Macroeconomic Imbalance Procedure (MIP)
- > Eurostat-ECB Memorandum of Understanding on MIP statistics

[Accounting rules for PPPs](#)

[Economic Trends](#)

[Shedding light on energy in the EU](#)

# IV modulo: Ind. commercio internazionale 4/k

**INTERNATIONAL TRADE IN GOODS**      **STATISTICS ILLUSTRATED**

**STATISTICS ILLUSTRATED** > **International trade in goods in a nutshell**

European statistics on international trade in goods (ITGS) measure the value and quantity of goods traded between EU Member States (intra-EU trade) and goods traded by EU Member States with non-EU countries (extra-EU trade), with goods broadly defined as all movable property including electricity.

To access the visualisation tool, select a dashboard from the dropdown list.

International trade by main players in the world

**Legend (%)**

- 1.6 - 5.5
- 5.6 - 9.0
- 9.1 - 13.0
- 13.1 - 16.5
- Data not available

euostat      Mouseover or click on a country to view the data      Source | Leaflet | EC-GISCO



# IV modulo: Ind. commercio internazionale 4/k

- DATABASE
  - Information
    - Browse statistics by theme
    - Statistics A - Z
    - Population Census 2011
    - Bulk download
- Web Services
  - SDMX Web Services
  - Json and Unicode Web Services
  - Access to microdata
  - GISCO: Geographical Information and maps
- Metadata
  - Euro-SDMX Metadata Structure (ESMS)
  - Classifications
  - Legislation and methodology
  - Concepts and definitions
  - Glossaries and thesauri
  - National methodologies
  - Standard code lists
  - Statistical Data and Metadata eXchange (SDMX)
  - Data validation

Data Navigation Tree

- Database by themes
  - General and regional statistics
  - Economy and finance
  - Population and social conditions
  - Industry, trade and services
  - Agriculture, forestry and fisheries
  - International trade
    - International trade in goods (ext\_go) **M**
      - International trade in goods - aggregated data (ext\_go\_agg)
      - International trade in goods - long-term indicators (ext\_go\_lti)
        - International trade (ext\_go\_lti\_int)
          - Share of EU in the World Trade (ext\_lt\_intrrole) **i**
          - International trade of EU, the euro area and the Member States by SITC product group (ext\_lt\_intertrd) **i**
          - International trade of EFTA and enlargement countries (ext\_lt\_intercc) **i**
          - Extra-Euro area trade by partner and by SITC product group (ext\_lt\_mainez) **i**
          - EU trade by Member State, partner and product group (ext\_go\_lti\_ext)
            - Intra and Extra-EU trade by Member State and by product group (ext\_lt\_intratrd) **i**
            - Extra-EU trade by Member State, shares by invoicing currency (ext\_lt\_invcur) **i**
            - Extra-EU trade by partner (ext\_lt\_maineu) **i**
            - Extra-EU trade of food, drinks and tobacco (SITC 0+1) by partner (ext\_lt\_mainagri) **i**
            - Extra EU trade of raw materials (SITC 2+4), by partner (ext\_lt\_mainrawm) **i**
            - Extra-EU trade of mineral fuels, lubricants and related materials (SITC 3) by partner (ext\_lt\_mainmine) **i**
            - Extra-EU trade of chemicals and related products (SITC 5) by partner (ext\_lt\_mainchem) **i**
            - Extra-EU trade of other manufactured goods (SITC 6+8) by partner (ext\_lt\_mainmanu) **i**
            - Extra-EU trade of machinery and transport equipment (SITC 7) by partner (ext\_lt\_mainmach) **i**
        - International trade in goods - short-term indicators (ext\_go\_sti)
        - International trade in goods - detailed data (detail)

Si parla quindi di:

- Commercio di beni;
- I beni sono distinti per tipologia (codici SITC);
- Varie misure di comm. Internazionale;
- La serie storica è abbastanza lunga.

# IV modulo: Ind. commercio internazionale 4/k

**DATA**

- **DATABASE**
  - Information
    - Browse statistics by theme
    - Statistics A - Z
    - Population Census 2011
    - Bulk download
  - Web Services
    - SDMX Web Services
    - Json and Unicode Web Services
  - Access to microdata
  - GISCO: Geographical Information and maps
- **Metadata**
  - Euro-SDMX Metadata Structure (ESMS)
  - Classifications
  - Legislation and methodology
  - Concepts and definitions
  - Glossaries and thesauri
  - National methodologies
  - Standard code lists
  - Statistical Data and Metadata eXchange (SDMX)
  - Data validation

**DATABASE**

Data Navigation Tree

- Database by themes
  - General and regional statistics
  - Economy and finance
  - Population and social conditions
  - Industry, trade and services
    - Short-term business statistics (sts) M
    - Structural business statistics (sbs) M
    - Tourism (tour)
    - Statistics on the production of manufactured goods (prom) M
  - Agriculture, forestry and fisheries
  - International trade
    - International trade in goods (ext\_go) M
      - International trade in goods - aggregated data (ext\_go\_agg)
      - International trade in goods - detailed data (detail) **(vai sul sito)**
      - EU trade since 1988 by CN8 (DS-016890)
      - EU trade since 1988 by HS6 (DS-016893)
      - EU trade since 1988 by HS2-HS4 (DS-016894)
      - EU trade since 1988 by HS2,4,6 and CN8 (DS-645593)
      - EU trade since 1999 by HS2,4,6 and CN8 - daily updated (DS-575274)
      - EU trade since 1988 by SITC (DS-018995)
      - EU trade since 1988 by BEC (DS-032655)
      - EXTRA EU trade since 1999 by mode of transport (NSTR) (DS-022469)
      - EXTRA EU trade since 2000 by mode of transport (HS6) (DS-043328)
      - EXTRA EU trade since 2000 by mode of transport (HS2-HS4) (DS-043327)
      - Adjusted EU-EXTRA imports by tariff regime, by CN8 (DS-041691)
      - Adjusted EU-EXTRA imports by tariff regime, by HS6 (DS-041718)
      - Adjusted EU-EXTRA imports by tariff regime, by HS2-HS4 (DS-041719)
      - EFTA trade since 1995 by SITC (DS-043227)
      - Traditional international trade database access (ComExt) (comext)

I codici:

- CN (combined nomenclature),
- HS (harmonized data),
- SITC (Standard International Trade Classification ),
- BEC (Broad Economic Categories)

-Riguardano la classificazione delle merci.

[Maggiori informazioni](#)

[\(vai sul sito\)](#)

# IV modulo: Ind. commercio internazionale 5/k

The screenshot displays the Eurostat website interface. At the top, the Eurostat logo and tagline 'Your key to European statistics' are visible. A search bar is located in the top right corner. Below the header, a breadcrumb trail reads: 'European Commission > Eurostat > International trade in goods > Data > Database'. A navigation bar contains links for 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. The main content area is titled 'INTERNATIONAL TRADE IN GOODS' and 'DATABASE'. On the left, a sidebar menu lists various sections: 'Statistics illustrated', 'Overview', 'Data', 'Methodology', and 'Publications'. The 'Data' section is expanded, showing 'Main tables', 'Focus on Comext', and 'Focus on enterprise characteristics (TEC)'. A red arrow points to the 'DATABASE' link in this sidebar. The main content area shows a tree structure of data series under 'International trade in goods (ext\_go)'. The series include 'International trade in goods - aggregated data (ext\_go\_agg)', 'International trade in goods - long-term indicators (ext\_go\_lti)', 'International trade in goods - short-term indicators (ext\_go\_sti)', and 'International trade in goods - detailed data (detail)'. The 'detailed data' section lists various trade indicators, such as 'EU trade since 1988 by CN8 (DS-016890)', 'EU trade since 1988 by HS6 (DS-016893)', 'EU trade since 1988 by HS2-HS4 (DS-016894)', 'EU trade since 1988 by HS2,4,6 and CN8 (DS-645593)', 'EU trade since 1999 by HS2,4,6 and CN8 - daily updated (DS-575274)', 'EU trade since 1988 by SITC (DS-018995)', 'EU trade since 1988 by BEC (DS-032655)', 'EXTRA EU trade since 1999 by mode of transport (NSTR) (DS-022469)', 'EXTRA EU trade since 2000 by mode of transport (HS6) (DS-043328)', 'EXTRA EU trade since 2000 by mode of transport (HS2-HS4) (DS-043327)', 'Adjusted EU-EXTRA imports by tariff regime, by CN8 (DS-041691)', 'Adjusted EU-EXTRA imports by tariff regime, by HS6 (DS-041718)', 'Adjusted EU-EXTRA imports by tariff regime, by HS2-HS4 (DS-041719)', 'EFTA trade since 1995 by SITC (DS-043227)', and 'Traditional international trade database access (ComExt) (comext)'. A red arrow points to the 'Traditional international trade database access (ComExt) (comext)' link, which is underlined.



# IV modulo: Ind. commercio internazionale 5/k

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with the Eurostat logo and the text "Your key to European statistics". Below this, there are links for "Legal notice", "RSS", "Contact", and a language dropdown menu set to "English". The main content area is divided into two columns. The left column, titled "Easy Comext News", contains a list of news items with their respective dates and "View details" links. A large blue arrow points from the top of this column towards the right column. The right column contains a search interface with the text "Choose an item from the hierarchy below or filter datasets by keywords". A red oval highlights the "Search datasets" button and the list of options: "Available datasets", "Available nomenclatures", and "Available relations".

Easy Comext - Google Chrome  
epp.eurostat.ec.europa.eu/newxtweb/

Legal notice | RSS | Contact | English

europa  
eurostat  
Your key to European statistics

European Commission > Eurostat > International trade  
International trade Help & FAQ | International trade metadata | Main page

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

**Easy Comext News** 1/5

- Data Availability and Reception Status**  
Data Availability and Reception Status  
View details 15/11/2016
- New Trade by Tariff Regime datasets**  
New Trade by Tariff Regime datasets  
View details 15/11/2016
- 2016 data**  
2016 data have been re-processed and re-loaded.  
View details 20/05/2016
- New dataset on intra EU trade by mode of trans...**  
New dataset on intra EU trade by mode of transport  
View details 14/04/2016
- UK Extra-EU exporters**  
UK Extra-EU exporters  
View details 13/04/2016
- Metadata update**  
Metadata update  
View details 22/02/2016

<< < > >>

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

Search datasets

- Available datasets
- Available nomenclatures
- Available relations

# IV modulo: Ind. commercio internazionale 6/k

The screenshot shows the Easy Comext web application interface. The browser window title is "Easy Comext - Google Chrome" and the URL is "epp.eurostat.ec.europa.eu/newxtweb/". The page header includes "European Commission > Eurostat > International Trade" and navigation links for "International trade Help & FAQ", "International trade metadata", and "Main page". A warning message states: "WARNING! The data you previously submitted has been cleaned from the session." The main content area is divided into two columns. The left column, titled "Easy Comext News", contains a list of news items with Eurostat logos and dates. The right column, titled "Available datasets", contains a list of datasets under the "INTERNATIONAL TRADE" category. A red arrow points to the dataset "EU Trade Since 1988 By CN8 (DS-016890)". A context menu is open over this dataset, showing options: "New Query", "Open System Default Query", "Execute System Default Query", "View Default Data", "Metadata", "Prepared Queries", and "Download Files". A second red arrow points to the "Open System Default Query" option.

Easy Comext News 1/5

- Data Availability and Reception Status**  
Data Availability and Reception Status  
View details 14/10/2016
- 2016 data**  
2016 data have been re-processed and re-loaded.  
View details 20/05/2016
- New dataset on intra EU trade by mode of trans...**  
New dataset on intra EU trade by mode of transport  
View details 14/04/2016
- UK Extra-EU exporters**  
UK Extra-EU exporters  
View details 13/04/2016
- Metadata update**  
Metadata update  
View details 22/02/2016
- Easy Comext Update on January 2016**  
Easy Comext Update on January 2016  
View details 29/01/2016

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

Search datasets

Available datasets

INTERNATIONAL TRADE

- EU Trade Since 1988 By CN8 (DS-016890)
- EU Trade Since 1988 by HS2, 4, 6 and CN8 (DS-045409)
- EU Trade Since 1988 By HS6 (DS-016893)
- EU Trade Since 1988 By HS2
- EU Trade Since 1988 By CN8
- EU Trade Since 1999 by HS2 (057380)
- EU Trade Since 1988 By SITC
- EU Trade Since 1988 by BEC
- EU Trade Since 1988 By CPA
- EU Trade Since 1988 By CPA\_2008 (DS-057009)
- EU Trade Since 1988 by BEC#CPA (DS-058397)
- EXTRA EU Trade Since 1999 By Mode of Transport (NSTR) (DS-022469)
- INTRA EU Trade Since 2010 By Mode of Transport (NSTR) (As is) (DS-058814)
- EXTRA EU Trade Since 2000 By Mode of Transport (HS6) (DS-043328)
- EXTRA EU Trade Since 2000 By Mode of Transport (HS2-HS4) (DS-043327)
- Adjusted EU-EXTRA Imports by tariff regime, by CN8 (DS-041691)
- Adjusted EU-EXTRA Imports by tariff regime, by HS6 (DS-041718)
- Adjusted EU-EXTRA Imports by tariff regime, by HS2 - HS4 (DS-041719)
- GSP Trade for Graduations (DS-058485)

New Query  
Open System Default Query  
Execute System Default Query  
View Default Data  
Metadata  
Prepared Queries  
Download Files

# IV modulo: Ind. commercio internazionale 7/k

Step **1** **2** **3**

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

Dataset Name: DS-016890 - EU Trade Since 1988 By CN8  
Query: /DEFAULT\_DS-016890\_  
Description: EU27 Total Trade

Dataset update date: Oct 14 2016, 11:04 (GMT+1)  
Last extraction date: Nov 08 2016, 09:37 (GMT+1)  
Query last update date: Mar 20 2012, 17:28 (GMT+1)

For each dimension, select which data you want to extract by clicking on the dimension name above the corresponding list.

## REPORTER

Selection size: 41 ⓘ +

AT-AUSTRIA  
BE-BELGIUM (and LUXBG -> 1998)  
BG-BULGARIA  
CY-CYPRUS  
CZ-CZECH REPUBLIC (CS->1992)  
DE-GERMANY (incl DD from 1991)  
DK-DENMARK  
FA12-EURO AREA 12 (AT BE DE F

## FLOW

Selection size: 2 ⓘ +

1-IMPORT  
2-EXPORT

## PARTNER

Selection size: 2 ⓘ +

EU27\_EXTRA-EU27\_EXTRA  
EU27\_INTRA-EU27\_INTRA

## PERIOD

Selection size: 12 ⓘ +

201101-Jan. 2011  
201102-Feb. 2011  
201103-Mar. 2011  
201104-Apr. 2011  
201105-May. 2011  
201106-Jun. 2011  
201107-Jul. 2011  
201108-Aug. 2011

## PRODUCT

Selection size: 1 ⓘ +

TOTAL-TOTAL

## INDICATORS

Selection size: 1 ⓘ +

VALUE\_IN\_EUROS

Estimated number of cells: 1968

### Remarks:

- The maximum dimension selection size is: 12000
- The maximum number of cells you can extract in interactive mode is: 120000
- If you want to extract more cells, please login or register (top right corner)

Compress

1. Dimension Selection

2. Layout Selection

3. Output Selection

Finish



# IV modulo: Ind. commercio internazionale 8/k

Utilizzando i vari pulsanti in questa schermata è possibile fare le selezioni sui dati che ci interessano

The screenshot shows the 'Result Extraction - Google Chrome' interface for the dataset 'DS-016890 - EU Trade Since 1988 By CN8'. The extraction name is 'DEFAULT\_20161108' and the date is '2016/11/08 15:36:54'. The query is 'EU27 Total Trade' and the dimensions are 'REPORTER: IT-ITALY', 'PRODUCT: TOTAL-TOTAL', and 'INDICATORS: VALUE\_IN\_EUROS-VALUE\_IN\_EUROS'. The interface includes buttons for 'Print slice', 'Modify query', and 'Change Layout'. Below the dimensions, there are navigation icons for 'f0' and arrows. The main table is titled 'Number of rows to display: 50' and 'Number of columns to display: 50', with a 'Refresh' button. The table has columns for 'PARTNER', 'FLOW', 'PERIOD', and years from 2005 to 2008. The data is as follows:

PARTNER	FLOW	PERIOD	Jan.-Dec. 2005	Jan.-Dec. 2006	Jan.-Dec. 2007	Jan.-Dec. 2008
CANADA	IMPORT	✓	1391239674	1345000756	1699030070	1757005791
	EXPORT	✓	2430860322	2689210317	2737206769	2597306099
CHINA (PEOPLE'S REPUBLIC OF)	IMPORT	✓	14134836107	17910878894	21689010862	23606098756
	EXPORT	✓	4603351932	5685830880	6289724054	6432430102
EU27_EXTRA	IMPORT	✓	125445452729	149605906638	157887276884	173266619879
	EXPORT	✓	116262562360	128944229553	142570743917	151805357334
EU27_INTRA	IMPORT	✓	183846596303	202858775925	215452537159	208783548445
	EXPORT	✓	183660853791	203068655411	222173175269	217210198756
ISRAEL (GAZA and JERICHO->1994)	IMPORT	✓	864484946	994568007	965897825	1153408818
	EXPORT	✓	1543952986	1636413548	1788119375	1848518200
JAPAN	IMPORT	✓	4976668032	5440536793	5347356361	5017940059
	EXPORT	✓	4536726775	4483051156	4312312473	4250707338
RUSSIAN FEDERATION (RUSSIA)	IMPORT	✓	11703550480	13591844191	14609473692	16088759188
	EXPORT	✓	6075442263	7625078217	9560062043	10468312896
UNITED STATES	IMPORT	✓	10719343616	10709976976	10906555884	11683355550
	EXPORT	✓	23959826127	24541312523	24253712845	23027520668