

# Laboratorio di analisi economica

CdL Economia e Finanza

A.A. 2019/2020

Docente: G. Sulis



## Il modulo: Ind. macroeconomici nazionali 1 / 22

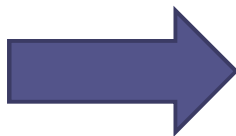
### **Indicatori da calcolare:**

- Tasso di crescita
- Altre misure della produttività
- Altri indicatori di Contabilità nazionale
- Bilancia pagamenti
- Tasso di cambio

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

# Il modulo: Ind. macroeconomici nazionali 2/22

## 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 from 2011 to 2015 for UK, EU, and CY. The UK shows a steady increase from approximately 80% to 85%. The EU shows a slight dip in 2013 before recovering to around 78%. The CY series is relatively flat 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...

# Il modulo: Tassi di crescita

3/22

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with the Eurostat logo, the tagline "Your key to European statistics", and links for "Sign In | Register". Below this is a search bar and a language selector set to "English". The main navigation menu includes "News", "Data", "Publications", "About Eurostat", and "Help".

The "LATEST NEWS RELEASES" section features a prominent article titled "Government debt fell to 91.2% of GDP in euro area" dated 24/10/2016. The article text states: "At the end of the second quarter of 2016, the government debt to GDP ratio in the euro area (EA19) stood at 91.2%, compared with 91.3% at the end of the first quarter of 2016. In the EU28, the ratio decreased from 84.5% to 84.3%. Compared with the second quarter of 2015, the government debt to..." with a "more" link.

Below the news section are buttons for "Release calendar" and "European Statistics Day". A section titled "LOOKING FOR INFORMATION ON A SPECIFIC TOPIC" contains several categories: "National and regional statistics", "Economy and finance" (highlighted with a blue circle and arrows), and "Population and social conditions".

The "Economy and finance" category lists the following sub-topics:

- > National accounts (including GDP)
- > ESA Input-Output tables
- > European sector accounts
- > Pensions in national accounts
- > Government finance
- > Exchange rates
- > Interest rates
- > Harmonised indices of Consumer Prices (HICP)
- > Purchasing Power Parities (PPPs)
- > Balance of payments

Other categories include "Industry, trade and services", "Transport", "Agriculture and fisheries", "Environment and energy", "International trade", and "Science, technology, digital society".

At the bottom, there are sections for "STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS" (with a link to "Pesticide sales statistics - Updated" dated 26/10/2016) and "RECENT PUBLICATIONS".

On the right side, there is a "DATA" section with buttons for "Most popular tables", "Complete database", and "Apps & Tools". Below it is a "Key figures" section. Further down, there is a "Focus on" section with links to "Euro-indicators/PEEIs", "Macroeconomic Imbalances Procedure (MIP)", "Sustainable Development", and "Europe 2020". At the bottom right, there is a "European Statistics Day" section with an illustration of a person at a desk and a link to "Accounting rules for PPPs".

# Il modulo: Tassi di crescita

4/22



News Data Publications About us Help

NATIONAL ACCOUNTS (INCLUDING GDP) STATISTICS ILLUSTRATED

STATISTICS ILLUSTRATED > The map below shows the following two indicators:

- Real GDP growth rate (percentage change on previous year in volume)
- Gross domestic product (GDP) in Euro per inhabitant (at market prices, current prices)

While current price figures, based on observed market prices, can be used to compare GDP across countries, the development of GDP over time should be analysed excluding inflation, i.e. based on volume figures.

Please select the indicator you want to display from the drop-down list.

Canarias (ES)  
Guadeloupe (FR)  
Martinique (FR)  
Guyane (FR)  
Réunion (FR)  
Açores (PT)  
Madeira (PT)

15.7 - 26.3  
11.8 - 15.7  
8.0 - 11.8  
4.1 - 8.0  
0.3 - 4.1  
-14.8 - 0.3

2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

0.44x © NComVA

News Data Publications About us Opportunities

# Il modulo: Tassi di crescita

5/22

The screenshot displays the Eurostat website interface. At the top, there are navigation tabs: News, Data, Publications, About Eurostat, and Help. Below these, there are two main sections: NATIONAL ACCOUNTS (INCLUDING GDP) and MAIN TABLES. The MAIN TABLES section is expanded, showing a tree view of tables. The left sidebar contains navigation options: Statistics illustrated, Overview, -Data, MAIN TABLES (highlighted), Database, Other, -Methodology, -European accounts, -Member States accounts, Legislation, and -Publications. The main content area shows the following tables:

- Annual national accounts (t\_nama) M
  - GDP and main components (t\_nama\_10\_gdp)
    - Gross domestic product at market prices (tec00001)** Updated
    - Compensation of employees (tec00013)
    - Taxes on production and imports less subsidies (tec00016)
    - Final consumption expenditure of households and non-profit institutions serving households (tec00009)
    - Final consumption expenditure of general government (tec00010)
    - Gross fixed capital formation (investments) (tec00011)
    - Goods and services, imports and exports (tec00110)
    - GDP per capita in PPS (tec00114)
    - Real GDP growth rate - volume (tec00115)**
  - Exports and imports by Member States of the EU/third countries (t\_nama\_10\_exi)
  - Final consumption expenditure of households by consumption purpose (COICOP) (t\_nama\_10\_co)
  - Auxiliary indicators to National Accounts - annual data (t\_nama\_10\_aux)
  - Regional economic accounts - ESA 2010 (t\_nama\_reg)
- Quarterly national accounts (t\_namq)
  - GDP and main components (t\_namq\_gdp)
  - Income, saving and net lending/ borrowing (t\_namq\_inc)
  - Quarterly National Accounts detailed breakdowns (by industry, by product) (t\_namq\_brk)

# Il modulo: Altre misure della produttività 6/22

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with the Eurostat logo, the tagline "Your key to European statistics", and links for "Sign In" and "Register". Below this is a search bar with the text "Type a keyword, a code, a title..." and a search icon. The main navigation menu includes "News", "Data", "Publications", "About Eurostat", and "Help".

The "LATEST NEWS RELEASES" section features a news item dated 24/10/2016 titled "Government debt fell to 91.2% of GDP in euro area". The text below the title states: "At the end of the second quarter of 2016, the government debt to GDP ratio in the euro area (EA19) stood at 91.2%, compared with 91.3% at the end of the first quarter of 2016. In the EU28, the ratio decreased from 84.5% to 84.3%. Compared with the second quarter of 2015, the government debt to..." with a "more" link.

The "DATA" section includes buttons for "Most popular tables", "Complete database", and "Apps & Tools". Below this is a "Key figures" section.

The "LOOKING FOR INFORMATION ON A SPECIFIC TOPIC" section is highlighted with a blue circle and a blue arrow. It contains three main categories: "Economy and finance" (circled in blue), "Population and social conditions", and "Regional statistics". The "Economy and finance" category is further detailed with a list of sub-topics: National accounts (including GDP), ESA Input-Output tables, European sector accounts, Pensions in national accounts, Government finance, Exchange rates, Interest rates, Harmonised Indices of Consumer Prices (HICP), Purchasing Power Parities (PPPs), and Balance of payments. A blue arrow points to the "Economy and finance" category, and another blue arrow points to the "National accounts (including GDP)" sub-item.

Other sections include "Release calendar" and "European Statistics Day". The "Focus on" section lists "Euro-indicators/PEEIs", "Macroeconomic Imbalances Procedure (MIP)", "Sustainable Development", and "Europe 2020". The "Accounting rules for PPPs" link is also visible. The "European Statistics Day" section features an illustration of a person in a kitchen.

At the bottom, there is a "STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS" section with a link to "Pesticide sales statistics - Updated" (dated 26/10/2016) and a "RECENT PUBLICATIONS" section.

# Il modulo: Altre misure della produttività 7/22



News Data Publications About Eurostat Help

NATIONAL ACCOUNTS (INCLUDING GDP) STATISTICS ILLUSTRATED

STATISTICS ILLUSTRATED > The map below shows the following two indicators:

- Real GDP growth rate (percentage change on previous year in volume)
- Gross domestic product (GDP) in Euro per inhabitant (at market prices, current prices)

While current price figures, based on observed market prices, can be used to compare GDP across countries, the development of GDP over time should be analysed excluding inflation, i.e. based on volume figures.

Please select the indicator you want to display from the drop-down list.

Canarias (ES)  
Guadeloupe (FR)  
Martinique (FR)  
Guyane (FR)  
Réunion (FR)  
Açores (PT)  
Madeira (PT)

15.7 - 26.3  
11.8 - 15.7  
8.0 - 11.8  
4.1 - 8.0  
0.3 - 4.1  
-14.8 - 0.3

2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

0.44x © NComVA

News Data Publications About us Opportunities



# Il modulo: Altre misure della produttività 8/22

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

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

European Commission > Eurostat > National accounts (including GDP) > Data > Main tables

News Data Publications About Eurostat Help

NATIONAL ACCOUNTS (INCLUDING GDP) MAIN TABLES

Statistics illustrated  
Overview  
- Data  
    **MAIN TABLES**  
    Database  
Other  
- Methodology  
- European accounts  
    Main aggregates  
    Employment  
- Member States accounts  
    QNA Inventories  
    Employment questionnaires  
Legislation  
- Publications  
    News releases  
    Eurona

Annual national accounts (t\_nama) M

- GDP and main components (t\_nama\_10\_gdp)
  - ZIP Gross domestic product at market prices (tec00001) i
  - ZIP Compensation of employees (tec00013) i
  - ZIP Taxes on production and imports less subsidies (tec00016) i
  - ZIP Final consumption expenditure of households and non-profit institutions serving households (tec00009) i
  - ZIP Final consumption expenditure of general government (tec00010) i
  - ZIP Gross fixed capital formation (investments) (tec00011) i
  - ZIP Goods and services, imports and exports (tec00110) i
  - ZIP GDP per capita in PPS (tec00114) i**
  - ZIP Real GDP growth rate - volume (tec00115) i
- Exports and imports by Member States of the EU/third countries (t\_nama\_10\_exi)
- Final consumption expenditure of households by consumption purpose (COICOP) (t\_nama\_10\_co)
- Auxiliary indicators to National Accounts - annual data (t\_nama\_10\_aux)
- Regional economic accounts - ESA 2010 (t\_nama\_reg)

Quarterly national accounts (t\_namq)

- GDP and main components (t\_namq\_gdp)
- Income, saving and net lending/ borrowing (t\_namq\_inc)
- Quarterly National Accounts detailed breakdowns (by industry, by product) (t\_namq\_brk)

News  
News releases  
Release calendar  
Themes in the spotlight

Data  
Database  
Statistics by theme  
Statistics A to Z

Publications  
Statistics Explained  
Recent publications

About us  
Overview  
How to find us  
Contact

Opportunities  
Calls for tenders  
Grants  
Share

European Commission | eurostat

Purchasing  
Power  
Standards  
(PPS)

# Il modulo: Altre misure della produttività

9/22

Table | Graph | Map

2.4.2-12153-2016-08-11 (PROD) Online support | Leg

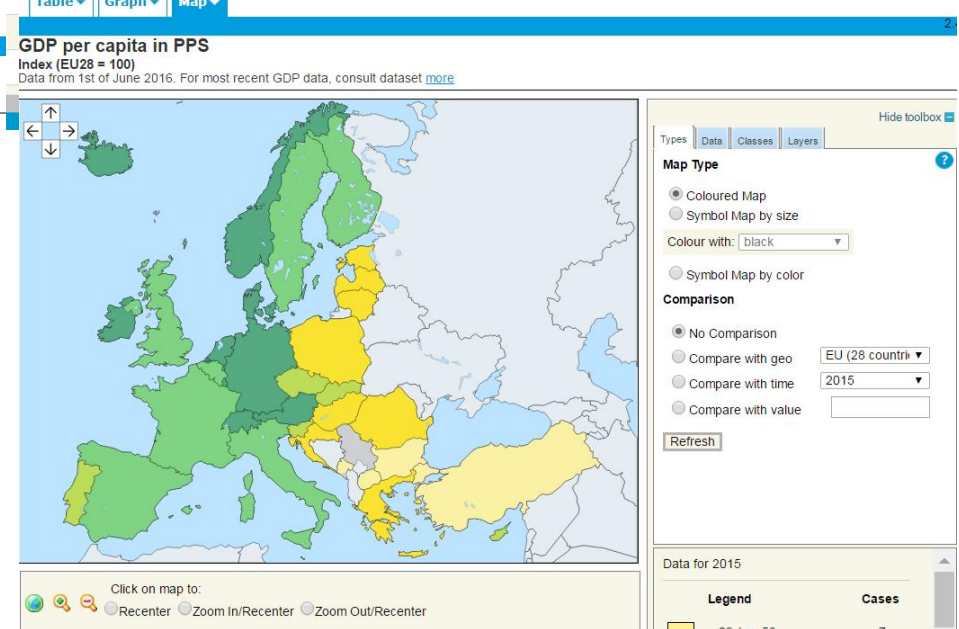
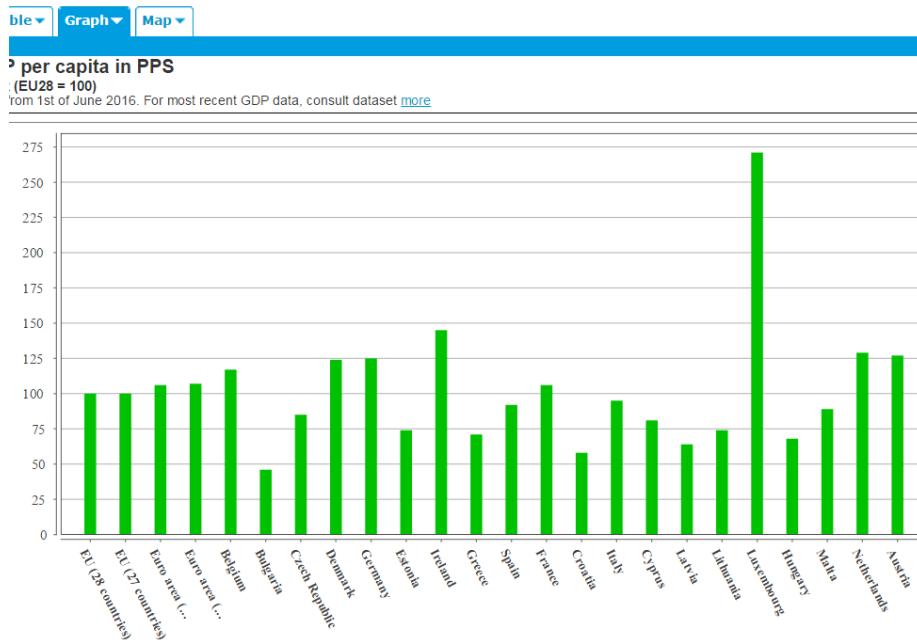
**GDP per capita in PPS**  
Index (EU28 = 100)  
Data from 1st of June 2016. For most recent GDP data, consult dataset [more](#)

Code: tec00114

Flags Codes Labels Codes & Labels 1,234.56 1,234.56 1,234.56

geo	time	2007	2008	2009	2010	2011	2012	2013	2014	2015
EU (28 countries)		100	100	100	100	100	100	100	100	100
EU (27 countries)		100	100	100	100	100	100	100	100	100
Euro area (19 countries)		108	108	108	108	108	107	107	107	106
Euro area (18 countries)		109	109	108	109	109	108	107	107	107
Belgium		115	114	116	119	119	120	120	118	117
Bulgaria		42	45	46	45	45	46	46	47	46
Czech Republic		83	81	83	81	83	82	83	84	85
Denmark		121	123	122	126	125	126	126	125	124
Germany		117	118	116	121	124	124	124	126	125

Con la stessa interfaccia, la banca dati ci consente di visualizzare i risultati come tabella, grafico o mappa.



# Il modulo: Altre misure della produttività 10/22

Partendo dai dati sul GDP, sono disponibili varie misure sulla produttività.

Concentriamoci su:  
-GDP procapite;  
- produttività del lavoro.

The screenshot shows the Eurostat website interface. At the top, there's the Eurostat logo and the tagline 'Your key to European statistics'. Below that, a search bar and navigation links for 'Legal notice', 'RSS', 'Cookies', 'Links', and 'Contact' are visible. The main navigation bar includes 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. Under 'Data', there's a sub-menu for 'NATIONAL ACCOUNTS (INCLUDING GDP)' with a 'DATABASE' link highlighted by a blue arrow. The 'DATABASE' section lists several categories: 'Annual national accounts (nama10)', 'Main GDP aggregates (nama\_10\_ma)', 'Auxiliary indicators (population, GDP per capita and productivity) (nama\_10\_aux)', 'Basic breakdowns of main GDP aggregates and employment (by industry and by assets) (nama\_10\_bbr)', 'Detailed breakdowns of main GDP aggregates (by industry and consumption purpose) (nama\_10\_dbr)', 'Breakdowns of non-financial assets by type, industry and sector (nama\_10\_nfa)', and 'Regional economic accounts - ESA 2010 (nama\_10reg)'. Below these, there are sections for 'Quarterly national accounts (namq\_10)', 'National accounts - international data cooperation (naid\_10)', and 'Annual national accounts (naida\_10)'. The footer contains links for 'News', 'Data', 'Publications', 'About us', and 'Opportunities', along with the European Commission and Eurostat logos.

# Il modulo: Altri Contabilità nazionale

11/22

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with the Eurostat logo, the text "Your key to European statistics", and links for "Sign In | Register", "Legal notice", "RSS", "Cookies", "Links", "Contact", and a language dropdown set to "English". A search bar is also present with the placeholder text "Type a keyword, a code, a title...".

Below the navigation bar, there are tabs for "News", "Data", "Publications", "About Eurostat", and "Help". The "News" section features a "LATEST NEWS RELEASES" section with a headline: "Government debt fell to 91.2% of GDP in euro area" dated 24/10/2016. The text below the headline states: "At the end of the second quarter of 2016, the government debt to GDP ratio in the euro area (EA19) stood at 91.2%, compared with 91.3% at the end of the first quarter of 2016. In the EU28, the ratio decreased from 84.5% to 84.3%. Compared with the second quarter of 2015, the government debt to... more".

The "Data" section includes buttons for "Most popular tables", "Complete database", and "Apps & Tools". Below this is a "Key figures" section.

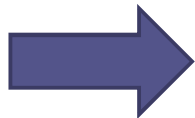
A section titled "LOOKING FOR INFORMATION ON A SPECIFIC TOPIC" contains several categories: "National accounts and regional statistics", "Economy and finance" (highlighted with a blue circle and arrows), "Population and social conditions", "Industry, trade and services", "Agriculture and fisheries", "International trade", "Transport", "Environment and energy", and "Science, technology, digital society".

Under the "Economy and finance" category, there is a list of sub-topics: "National accounts (including GDP)", "ESA Input-Output tables", "European sector accounts", "Pensions in national accounts", "Government finance", "Exchange rates", "Interest rates", "Harmonised indices of Consumer Prices (HICP)", "Purchasing Power Parities (PPPs)", and "Balance of payments".

At the bottom, there are sections for "STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS" (with a link to "Pesticide sales statistics - Updated" dated 26/10/2016) and "RECENT PUBLICATIONS".

On the right side, there is a "Focus on" section with links to "Euro-indicators/PEEIs", "Macroeconomic Imbalances Procedure (MIP)", "Sustainable Development", and "Europe 2020". Below this is a "European Statistics Day" section with an illustration of a person in a kitchen.

# Il modulo: Altri Contabilità nazionale 12/22



European Commission > Eurostat > National accounts (including GDP) > Data > Database

News Data Publications About Eurostat Help

**NATIONAL ACCOUNTS (INCLUDING GDP)** DATABASE

- Statistics illustrated
- Overview
- Data
  - Main tables
  - DATABASE**
  - Other
- Methodology
  - European accounts
    - Main aggregates
    - Employment
  - Member States accounts
    - QNA Inventories
    - Employment questionnaires
- Legislation
- Publications
  - News releases
  - Eurona

Annual national accounts (nama10) (Explanations) (Overview)

- Main GDP aggregates (nama\_10\_ma)
  - ZIP GDP and main components (output, expenditure and income) (nama\_10\_gdp)
  - ZIP Final consumption aggregates by durability (nama\_10\_fcs)
  - ZIP Exports and imports by Member States of the EU/third countries (nama\_10\_exi)
- Auxiliary indicators (population, GDP per capita and productivity) (nama\_10\_aux)
  - ZIP Main GDP aggregates per capita (nama\_10\_pc)
  - ZIP Population and employment (nama\_10\_pe)
  - ZIP Labour productivity and unit labour costs (nama\_10\_lp\_ulc)
- Basic breakdowns of main GDP aggregates and employment (by industry and by assets) (nama\_10\_bbr)
  - ZIP Gross value added and income by A\*10 industry breakdowns (nama\_10\_a10)
  - ZIP Gross fixed capital formation by AN\_F6 asset type (nama\_10\_an6)
  - ZIP Employment by A\*10 industry breakdowns (nama\_10\_a10\_e)
- Detailed breakdowns of main GDP aggregates (by industry and consumption purpose) (nama\_10\_dbr)
  - ZIP National Accounts aggregates by industry (up to NACE A\*64) (nama\_10\_a64)
  - ZIP Gross capital formation by industry (up to NACE A\*64) (nama\_10\_a64\_p5)
  - ZIP National Accounts employment data by industry (up to NACE A\*64) (nama\_10\_a64\_e)
  - ZIP Final consumption expenditure of households by consumption purpose (COICOP 3 digit) (nama\_10\_co3\_p3)
- Breakdowns of non-financial assets by type, industry and sector (nama\_10\_nfa)
  - ZIP Cross-classification of fixed assets by industry and by asset (stocks) (nama\_10\_nfa\_st)
  - ZIP Cross-classification of gross fixed capital formation by industry and by asset (flows) (nama\_10\_nfa\_fl)
  - ZIP Balance sheets for non-financial assets (nama\_10\_nfa\_bs)
- Regional economic accounts - ESA 2010 (nama\_10reg)
  - Gross domestic product indicators - ESA 2010 (nama\_10r\_gdp)
  - Branch accounts - ESA 2010 (nama\_10r\_brch)
  - Household accounts - ESA 2010 (nama\_10r\_hh)

Quarterly national accounts (namq\_10) (Explanations) (Overview)

- Main GDP aggregates (namq\_10\_ma)
- Auxiliary indicators (population, GDP per capita and productivity) (namq\_10\_aux)
- Basic breakdowns of main GDP aggregates and employment (by industry and assets) (namq\_10\_bbr)

National accounts - international data cooperation (naid\_10) (Explanations)

- Annual national accounts (naida\_10)
- Quarterly national accounts (naidq\_10)

# Il modulo: Bilancia dei pagamenti

13/22

The screenshot shows the Eurostat website interface. At the top, there is the Eurostat logo and the tagline "Your key to European statistics". Navigation links include "Legal notice", "RSS", "Cookies", "Links", "Contact", and a language selector set to "English". A search bar is present with the placeholder text "Type a keyword, a code, a title...".

The main navigation bar includes "News", "Data", "Publications", "About Eurostat", and "Help". Below this, there is a "LATEST NEWS RELEASES" section featuring an article titled "Second generation immigrants in the EU generally well integrated into the labour market" dated 28/10/2016. To the right, there is a "DATA" section with buttons for "Most popular tables", "Complete database", and "Apps & Tools".

A "Key figures" section is partially visible. Below the news releases, there are buttons for "Release calendar" and "Infographic: Economic activities".

The "LOOKING FOR INFORMATION ON A SPECIFIC TOPIC" section is highlighted with a blue arrow pointing to the "Economy and finance" category, which is circled in red. This category is further detailed with a list of sub-topics: National accounts (including GDP), ESA Input-Output tables, European sector accounts, Pensions in national accounts, Government finance, Exchange rates, Interest rates, Harmonised Indices of Consumer Prices (HICP), Purchasing Power Parities (PPPs), and Balance of payments. A blue arrow points from the "Economy and finance" category to the "Balance of payments" sub-topic.

Other categories include "General and regional", "Population and social conditions", "Industry, trade and services", "Transport", "Agriculture and fisheries", "Environment and energy", "International trade", and "Science, technology, digital society".

At the bottom, there are sections for "STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS" and "RECENT PUBLICATIONS". A "Focus on" section lists: Euro-indicators/PEEIs, Macroeconomic Imbalances Procedure (MIP), Sustainable Development, and Europe 2020. There are also two featured graphics: "Economic Trends" and "Shedding light on energy".

# Il modulo: Bilancia dei pagamenti

14/22

The screenshot shows the Eurostat website interface. At the top, there is the Eurostat logo and the tagline 'Your key to European statistics'. Navigation links include 'Legal notice', 'RSS', 'Cookies', 'Links', 'Contact', and a language dropdown set to 'English'. A search bar is present with the placeholder text 'Type a keyword, a code, a title...'. The breadcrumb trail reads 'European Commission > Eurostat > Balance of payments > Statistics illustrated'. A blue navigation bar contains 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. Below this, a dark grey bar highlights 'BALANCE OF PAYMENTS' and 'STATISTICS ILLUSTRATED'. A left-hand menu lists 'STATISTICS ILLUSTRATED' (with a red arrow), 'Overview', '- Data', 'Main tables' (circled in blue), 'Database', 'Methodology', and 'Publications'. A blue arrow points from the left towards the 'Main tables' link. The main content area features a map of Europe titled 'Balance of payments, current and capital account, quarterly data'. The map is color-coded by country, with a legend on the right listing regions: Canarias (ES), Guadeloupe (FR), Martinique (FR), Guyane (FR), Réunion (FR), Açores (PT), and Madeira (PT). The map includes navigation controls (up, down, left, right arrows, zoom in/out) and a timeline at the bottom showing quarters from 2014Q1 to 2016Q1. The zoom level is set to 0.4x. The copyright notice '© NComVA' is visible in the bottom right corner of the map area.

### La definizione

- La **bilancia dei pagamenti** è: « uno schema contabile che registra le transazioni tra i residenti in un'economia e i non residenti, in un dato periodo di tempo. Una transazione è un'interazione tra due entità istituzionali che avviene per mutuo consenso o per legge e comporta, tipicamente, uno scambio di valori (beni, servizi, diritti, attività finanziarie) o, in alcuni casi, il loro trasferimento senza contropartita. »(Banca d'Italia, [Manuale della bilancia dei pagamenti e della posizione patrimoniale sull'estero dell'Italia](#), pag. 8)



# Il modulo: Bilancia dei pagamenti

16/22

The screenshot displays the Eurostat website interface. At the top, the Eurostat logo and tagline 'Your key to European statistics' are visible. Navigation links for 'Legal notice', 'RSS', 'Cookies', 'Links', and 'Contact' are present, along with a language dropdown set to 'English'. A search bar prompts the user to 'Type a keyword, a code, a title...'. The breadcrumb trail indicates the current location: 'European Commission > Eurostat > Balance of payments > Data > Main tables'. A blue navigation bar contains 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. Below this, a dark bar highlights 'BALANCE OF PAYMENTS' and 'MAIN TABLES'. The left sidebar lists 'Statistics illustrated', 'Overview', '- Data', 'MAIN TABLES' (highlighted with a red arrow), 'Database', 'Methodology', and 'Publications'. The main content area shows a tree structure under 'European Union direct investments (t\_bop\_fdi)'. It includes a list of 14 ZIP-coded statistics such as 'Direct investment flows as % of GDP (tec00046)', 'Direct investment stocks as % of GDP (tec00047)', and 'EU direct investment inward flows by extra EU investing country (tec00048)'. Each item has an information icon. Below this list, there are links for 'Balance of payments - International transactions (BPM6) (t\_bop\_6)' and 'Balance of payments statistics and International investment positions (BPM6) (t\_bop\_q6)'. The footer contains five columns: 'News' (News releases, Release calendar, Themes in the spotlight), 'Data' (Database, Statistics by theme, Statistics A to Z), 'Publications' (Statistics Explained, Recent publications), 'About us' (Overview, How to find us, Contact), and 'Opportunities' (Calls for tenders, Grants, Share). The European Commission and Eurostat logos are in the bottom right.

# Il modulo: Tassi di cambio

17/22

The screenshot shows the Eurostat website interface. At the top, there is the Eurostat logo and the tagline "Your key to European statistics". Navigation links include "Legal notice", "RSS", "Cookies", "Links", "Contact", and a language selector set to "English". A search bar is present with the placeholder text "Type a keyword, a code, a title...".

The main navigation bar includes "News", "Data", "Publications", "About Eurostat", and "Help". Below this, there is a "LATEST NEWS RELEASES" section featuring a news item titled "Second generation immigrants in the EU generally well integrated into the labour market" dated 28/10/2016. To the right, there is a "DATA" section with buttons for "Most popular tables", "Complete database", and "Apps & Tools".

The "Key figures" section is partially visible. Below the news releases, there are buttons for "Release calendar" and "Infographic: Economic activities".

The "LOOKING FOR INFORMATION ON A SPECIFIC TOPIC" section is highlighted with a red circle and arrows. It contains three main categories: "General and regional", "Economy and finance" (circled in red), and "Population and social conditions". Under "Economy and finance", there is a list of sub-topics: National accounts (including GDP), ESA Input-Output tables, European sector accounts, Pensions in national accounts, Government finance, Exchange rates, Interest rates, Harmonised Indices of Consumer Prices (HICP), Purchasing Power Parities (PPPs), and Balance of payments.

Below this, there are icons for various sectors: Industry, trade and services; Transport; Agriculture and fisheries; Environment and energy; International trade; and Science, technology, digital society.

At the bottom, there are sections for "STATISTICS EXPLAINED - ENCYCLOPEDIA OF EU STATISTICS" and "RECENT PUBLICATIONS". On the right side, there is a "Focus on" section with links to "Euro-indicators/PEEIs", "Macroeconomic Imbalances Procedure (MIP)", "Sustainable Development", and "Europe 2020". There are also two small image-based sections: "Economic Trends" and "Shedding light on energy".

# Il modulo: Tassi di cambio

18/22

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 is a search bar and a language selector set to "English". The main content area is titled "Exchange Rates" and includes a list of datasets and a "Statistics Explained" link circled in blue. A blue arrow points to this link.

Sign In | Register

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

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

European Commission > Eurostat > Exchange rates > Overview

News Data Publications About Eurostat Help

EXCHANGE RATES OVERVIEW SEE ALSO

OVERVIEW

- Data

- Main tables
- Database
- Methodology

## Exchange Rates

An exchange rate is the price of a currency in terms of another currency. The Eurostat collection on exchange rates covers the following datasets:

- 1 Exchange rates between the euro/ECU and other currencies. This is in the form '1 euro (ECU before 1 January 1999) = ... units of the other currency'. Daily data are available, as well as monthly, quarterly, and annual. Source is the European Central Bank (euro exchange rates) and European Commission (ECU exchange rates).
- 2 Conversion factors for euro fixed series into euro/ECU. These are factors devised to help users in converting national time series of euro area countries expressed in euro ('euro fixed') into euro/ECU and vice versa.
- 3 Former euro area national currencies vs. euro/ECU. Historical data – the exchange rates of the former currencies (Belgian Franc, Deutsche Mark, etc.) of those countries which joined the euro area.
- 4 Effective exchange rate indices. Source - European Commission. This dataset comprises:
  - ▶ Industrial countries' effective exchange rates including new Member States
  - ▶ Industrial countries' effective exchange rates excluding new Member States (historical data - to 2011 only).

The effective exchange rate indices are of two types:

- ▶ Nominal effective exchange rates (NEER). These measure changes in the value of a currency against a trade-weighted basket of currencies. A rise in the index means a strengthening of the currency.
- ▶ Real effective exchange rates (REER). These measure the change in competitiveness of a country, by taking into account the change in costs or prices relative to other countries. A rise in the index means a loss of competitiveness.

The compilation and dissemination of monetary and financial indicators at the European level is the responsibility of the European Central Bank. A wide range of detailed European and

Statistics Explained - Your guide to EU statistics

Euro area statistics (ECB)

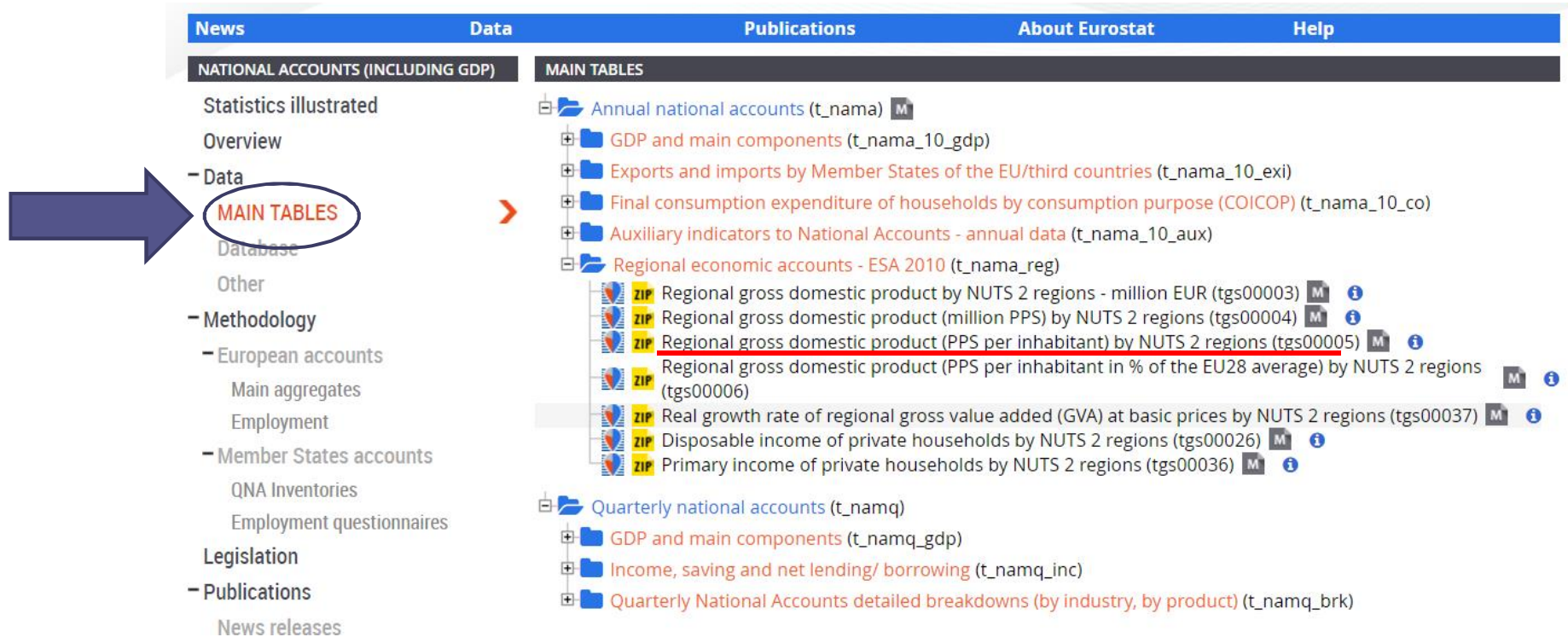
European Central Bank

# Il modulo: Tassi di cambio

19/22

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with links for 'Legal notice', 'RSS', 'Cookies', 'Links', and 'Contact', along with a language dropdown set to 'English'. Below this is a search bar with the placeholder text 'Type a keyword, a code, a title...'. The main content area is titled 'eurostat Your key to European statistics' and includes a breadcrumb trail: 'European Commission > Eurostat > Exchange rates > Data > Database'. A blue navigation bar contains 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. Below this, a dark grey bar highlights 'EXCHANGE RATES' and 'DATABASE'. The left sidebar lists 'Overview', '- Data', 'Main tables', 'DATABASE' (circled in red), and 'Methodology'. The main content area shows a tree view of the 'Exchange rates (ert)' database, with 'Bilateral exchange rates (ert\_bil)' expanded to show 'Euro/ECU exchange rates (ert\_bil\_eur)'. This category includes several data series: 'Euro/ECU exchange rates - annual data (ert\_bil\_eur\_a)', 'Euro/ECU exchange rates - quarterly data (ert\_bil\_eur\_q)', 'Euro/ECU exchange rates - monthly data (ert\_bil\_eur\_m)', and 'Euro/ECU exchange rates - daily data (ert\_bil\_eur\_d)', each with an 'Updated' badge. Other categories include 'Conversion factors for euro fixed series into euro/ECU (ert\_bil\_conv)', 'Effective exchange rate indices (ert\_eff)', and 'Exchange rates - historical data (ert\_h)'. The footer contains five columns of links: 'News' (News releases, Release calendar, Themes in the spotlight), 'Data' (Database, Statistics by theme, Statistics A to Z), 'Publications' (Statistics Explained, Recent publications), 'About us' (Overview, How to find us, Contact), and 'Opportunities' (Calls for tenders, Grants, Share). The footer also features the European Commission and Eurostat logos.

# III modulo: Ind. Regionali di contabilità 20/22



The image shows a screenshot of the Eurostat website's navigation menu. A blue arrow points to the 'MAIN TABLES' link, which is circled in red. The main content area displays a tree structure of data tables under the heading 'MAIN TABLES'. The tree is organized into two main categories: 'Annual national accounts (t\_nama)' and 'Quarterly national accounts (t\_namq)'. The 'Annual national accounts' category includes sub-tables for GDP and main components, Exports and imports by Member States of the EU/third countries, Final consumption expenditure of households by consumption purpose (COICOP), Auxiliary indicators to National Accounts - annual data, and Regional economic accounts - ESA 2010. The 'Regional economic accounts - ESA 2010' sub-category is expanded, showing several regional GDP indicators, with 'Regional gross domestic product (PPS per inhabitant) by NUTS 2 regions (tgs00005)' highlighted in red. The 'Quarterly national accounts' category includes sub-tables for GDP and main components, Income, saving and net lending/borrowing, and Quarterly National Accounts detailed breakdowns (by industry, by product).

**Navigation Menu:**

- News
- Data
- Publications
- About Eurostat
- Help

**MAIN TABLES**

- Statistics illustrated
- Overview
- Data
  - MAIN TABLES**
  - Database
  - Other
- Methodology
  - European accounts
    - Main aggregates
    - Employment
  - Member States accounts
    - QNA Inventories
    - Employment questionnaires
- Legislation
- Publications
  - News releases

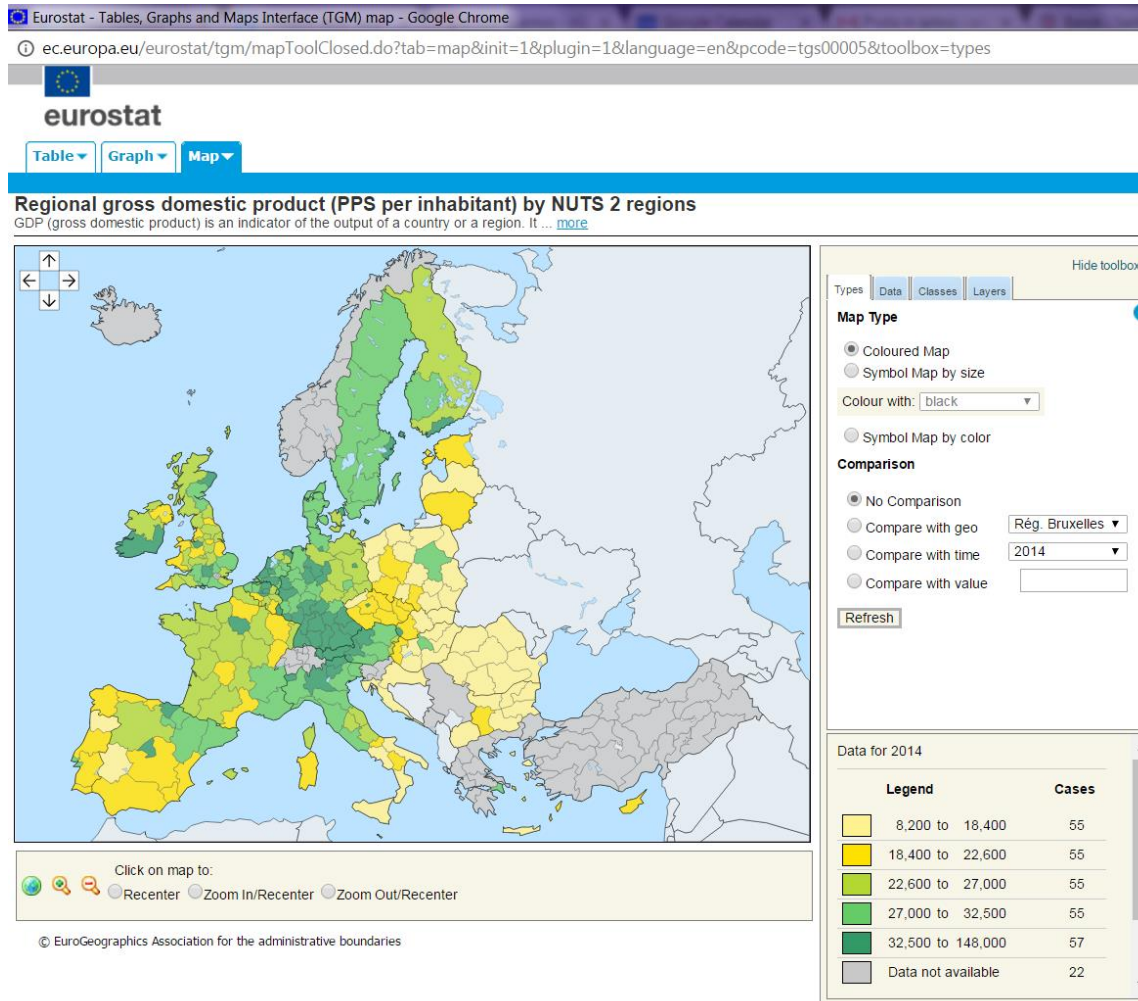
**MAIN TABLES Content:**

- Annual national accounts (t\_nama)

  - GDP and main components (t\_nama\_10\_gdp)
  - Exports and imports by Member States of the EU/third countries (t\_nama\_10\_exi)
  - Final consumption expenditure of households by consumption purpose (COICOP) (t\_nama\_10\_co)
  - Auxiliary indicators to National Accounts - annual data (t\_nama\_10\_aux)
  - Regional economic accounts - ESA 2010 (t\_nama\_reg)
    - ZIP Regional gross domestic product by NUTS 2 regions - million EUR (tgs00003)
    - ZIP Regional gross domestic product (million PPS) by NUTS 2 regions (tgs00004)
    - ZIP Regional gross domestic product (PPS per inhabitant) by NUTS 2 regions (tgs00005)
    - ZIP Regional gross domestic product (PPS per inhabitant in % of the EU28 average) by NUTS 2 regions (tgs00006)
    - ZIP Real growth rate of regional gross value added (GVA) at basic prices by NUTS 2 regions (tgs00037)
    - ZIP Disposable income of private households by NUTS 2 regions (tgs00026)
    - ZIP Primary income of private households by NUTS 2 regions (tgs00036)

- Quarterly national accounts (t\_namq)
  - GDP and main components (t\_namq\_gdp)
  - Income, saving and net lending/ borrowing (t\_namq\_inc)
  - Quarterly National Accounts detailed breakdowns (by industry, by product) (t\_namq\_brk)

# III modulo: Ind. Regionali di contabilità 21/22



# III modulo: Ind. Regionali di contabilità 22/22



Administrazione - un | - WebMail PEC - | Eurostat Home | OECD Statistics | Statistiche Istat | Spatial Econometrics | Posta :: Benvenuto a v CR

Sign In | Register

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

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

European Commission > Eurostat > National accounts (including GDP) > Data > Database

News | Data | Publications | About Eurostat | Help

**NATIONAL ACCOUNTS (INCLUDING GDP)** | DATAP · SE

Statistics illustrated

Overview

- Data

Main tables

**DATABASE**

Other

- Methodology

- European accounts

Main aggregates

Employment

- Member States accounts

QNA Inventories

Employment questionnaires

Legislation

- Publications

News releases

Eurona

Annual national accounts (nama10) (Explanations) (Overview)

- Main GDP aggregates (nama\_10\_ma)
- Auxiliary indicators (population, GDP per capita and productivity) (nama\_10\_aux)
- Basic breakdowns of main GDP aggregates and employment (by industry and by assets) (nama\_10\_bbr)
- Detailed breakdowns of main GDP aggregates (by industry and consumption purpose) (nama\_10\_dbr)
- Breakdowns of non-financial assets by type, industry and sector (nama\_10\_nfa)
- Regional economic accounts - ESA 2010 (nama\_10reg)**

- Gross domestic product indicators - ESA 2010 (nama\_10r\_gdp)
- Gross domestic product (GDP) at current market prices by NUTS 2 regions (nama\_10r\_2gdp)
- Gross domestic product (GDP) at current market prices by NUTS 3 regions (nama\_10r\_3gdp)
- Real growth rate of regional gross value added (GVA) at basic prices by NUTS 2 regions - Percentage change on previous year (nama\_10r\_2gvagr)
- Average annual population to calculate regional GDP data (thousand persons) by NUTS 3 regions (nama\_10r\_3popgdp)
- Branch accounts - ESA 2010 (nama\_10r\_brch)
- Household accounts - ESA 2010 (nama\_10r\_hh)

Quarterly national accounts (namq\_10) (Explanations) (Overview)

- Main GDP aggregates (namq\_10\_ma)
- Auxiliary indicators (population, GDP per capita and productivity) (namq\_10\_aux)
- Basic breakdowns of main GDP aggregates and employment (by industry and assets) (namq\_10\_bbr)

National accounts - international data cooperation (naid\_10) (Explanations)

- Annual national accounts (naida\_10)
- Quarterly national accounts (naidq\_10)

News releases | Release calendar | Themes in the spotlight

Database | Statistics by theme | Statistics A to Z

Statistics Explained | Recent publications

Overview | How to find us | Contact

Calls for tenders | Grants | Share

European Commission | eurostat

ase