

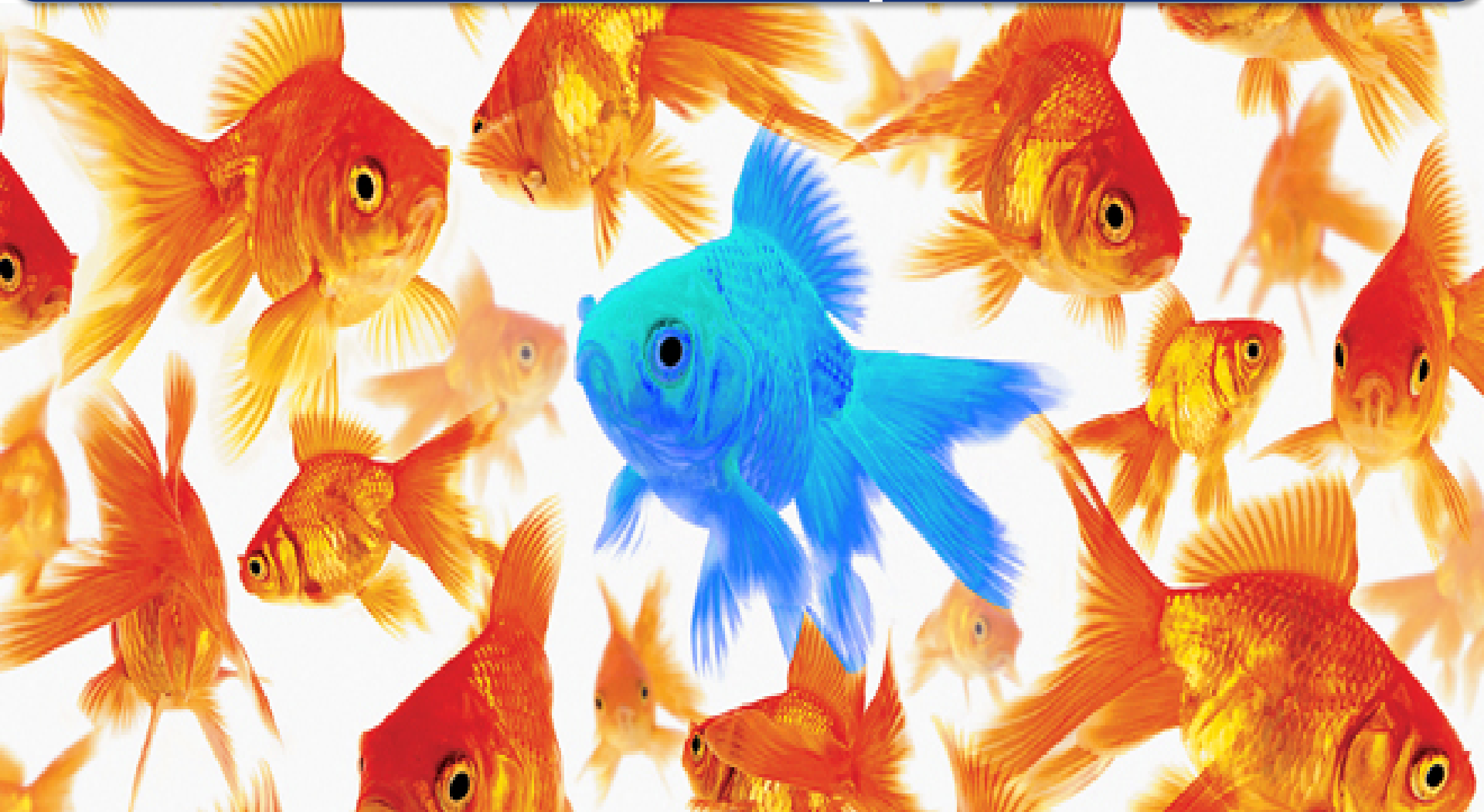


European
Commission



Tim Allen, Deputy HoU Dissemination & User Relations

We provide high quality statistics for Europe



But this is not enough...



**In a world of fast-food information and data deluge
our statistics should be visible and attractive**

A set of principles on institutional environment, production and dissemination

<https://ec.europa.eu/eurostat/web/products-catalogues/-/KS-02-18-142>

EUROPEAN STATISTICS CODE OF PRACTICE

*For the National Statistical Authorities
and Eurostat (EU statistical authority)*

Adopted by the
European Statistical System Committee

18th November 2017

eurostat 

4



Professional independence

Coordination and cooperation

Mandate for data collection

Adequacy of resources

Commitment to quality

Statistical confidentiality

Impartiality and objectivity

Sound methodology

Appropriate statistical procedures

Non-excessive burden on
respondents

Cost effectiveness

Relevance

Accuracy and reliability

Timeliness and punctuality

Coherence and comparability

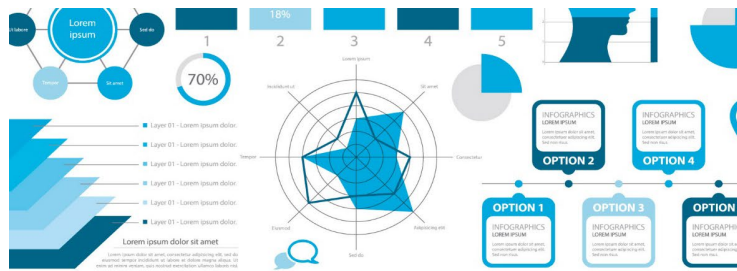
Accessibility and clarity



The changing nature of dissemination

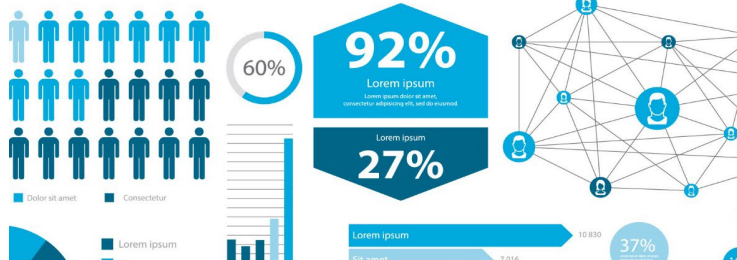
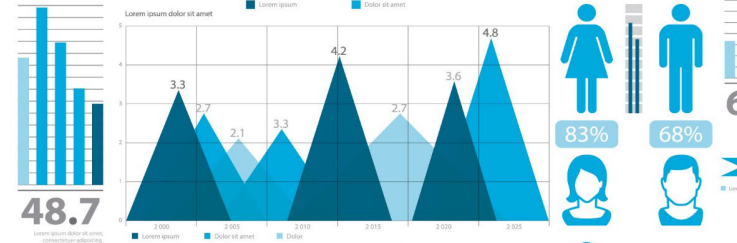
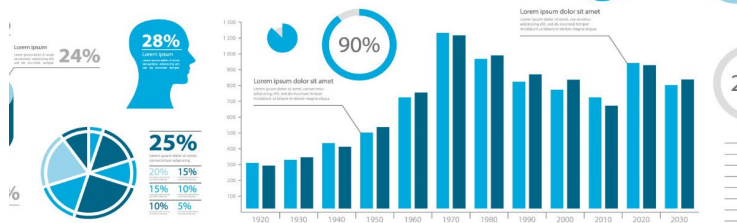
- Publications
- Website
- Database
- Physical → Digital
- Textual → Visual
- Static → Interactive
- Digital publications
- Visualisations





AN STATISTICAL IG PROGRAMME

20



European Statistical Training Programme

<https://ec.europa.eu/eurostat/web/european-statistical-system/training-programme-estp>



NEWS RELEASES

See complete list



31/05/2018

Euro area annual inflation up to 1.9%

Euro area annual inflation is expected to be 1.9% in May 2018, up from 1.2% in April 2018, according to a flash estimate from Eurostat, the statistical office of the European Union. [more](#)

Release calendar

DATA



Most popular tables



Complete database



Visualisations & Tools

ECONOMIC TRENDS

✓ GDP - volume (% change)

✓ EU (28 countries)

Change previous quarter

Change same quarter previous year



WHAT'S NEW?

See complete list



31/05/2018

Decrease in EU cigarette production



31/05/2018

Tobacco and health: over 273 000 EU lung cancer deaths in 2015



30/05/2018

What is your country doing to protect life on land?



29/05/2018

One in ten Europeans in arrears with payments

STATISTICS BY THEME

Statistics A to Z

General and regional statistics

Economy and finance

Population and social conditions

Industry, trade and services

Agriculture and fisheries

International trade

FOCUS ON

The life of women and men in Europe



Eurostat online database

The screenshot displays the Eurostat online database interface, divided into two main sections: 'DATA' and 'DATABASE'.

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
 - Agriculture, forestry and fisheries
 - International trade
 - Transport
 - Environment and energy
 - Science and technology
 - **Tables by themes**
 - General and regional statistics
 - Economy and finance
 - Population and social conditions
 - Industry, trade and services
 - Agriculture, forestry and fisheries
 - International trade
 - Transport
 - Environment and energy
 - Science and technology
 - **Tables on EU policy**
 - ZIP Macroeconomic imbalances procedure indicators
 - ZIP Euro indicators / PEEIs ^M
 - ZIP Europe 2020 indicators
 - ZIP Sustainable Development indicators
 - ZIP Employment and Social Policy Indicators

Modernising our database: Maps and graphs

<https://ec.europa.eu/eurostat/databrowser/view/tps00203/default/table?lang=en>

Total unemployment rate (online data code:TPS00203)
Source of data: Eurostat

Help Current view Default presentation

Table Line Bar Map

↓↑	TIME	2014↓↑	2015↓↑	2016↓↑	2017↓↑	2018↓↑	2019↓↑
GEO	↓↑						
European Union - 27 countries (from 2020)		10.8	10.0	9.1	8.1	7.2	6.7
European Union - 28 countries (2013-2020)		10.2	9.4	8.5	7.6	6.8	6.3
Euro area - 19 countries (from 2015)		11.6	10.8	10.0	9.0	8.1	7.5
Belgium		8.5	8.5	7.8	7.1 (b)	6.0	5.4
Bulgaria		11.4	9.2	7.6	6.2	5.2	4.2
Czechia		6.1	5.1	4.0	2.9	2.2	2.0

Traditional publications

<https://ec.europa.eu/eurostat/publications/all-publications>

Summary analysis **1**

Eurostatistics

DATA FOR SHORT-TERM ECONOMIC ANALYSIS

05/2020



Figure 1: Quarter-over-quarter GDP growth indicators (Q/Q-1)

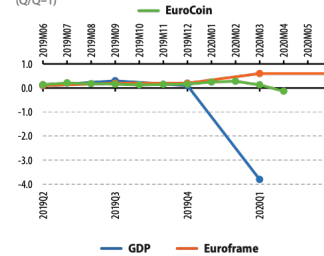


Figure 2: Year-over-year GDP growth indicators (Q/Q-4)

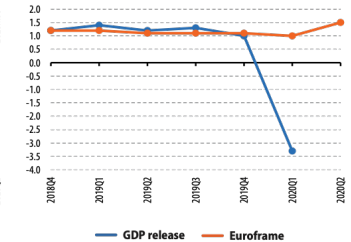


Table 1: Comparison of GDP growth forecasts for the euro area

	Percentage change							
	Over previous quarter (Q/Q-1)				Over previous year (Q/Q-4)			
	2019Q3	2019Q4	2019Q1	2020Q2	2019Q3	2019Q4	2020Q1	2020Q2
EUROSTAT release	0.3	0.1	-3.8	:	1.3	1.0	-3.3	:
EUROFRAME	0.2	0.2	0.6	0.6	1.1	1.1	1.0	1.5

	2019M09	2019M10	2019M11	2019M12	2020M01	2020M02	2020M03	2020M04
EuroCOIN	0.16	0.13	0.15	0.16	0.25	0.28	0.13	-0.13

Cyclical indicators for the euro area (1)

Growth assessment

The **Business Climate Indicator (BCI)** (2) for the euro area decreased by 1.81 points in April 2020, following a decrease of 0.28 points in March 2020.

The **Composite leading indicators (CLIs)**, published on 12 May 2020, collapsed by unprecedented level in April 2020 as containment measures for Covid-19 continued to have a severe impact on production, consumption and confidence.

In China, however, where containment measures have already been eased, the CLI for the industrial sector is tentatively pointing towards a positive change in momentum with April's CLI and a large upward revision for March both pushing the CLI upwards. Some care is needed in interpretation, as only partial information is currently available for China in April 2020.

It should be noted that composite leading indicators (CLIs) are designed to anticipate turning points in economic activity relative to trend six to nine months ahead. However, care

needs to be taken in interpreting CLIs in the current crisis as governments attempt to tackle the COVID-19 pandemic. Uncertainty surrounding the duration of lockdown measures has complicated the ability of CLIs to provide those forward looking signals. For those economies still in lockdown and with uncertainty about the timing or nature of easing measures, current estimates of the CLI should be viewed as coincident rather than leading. As always, the magnitude of the CLI decline should not be regarded as a measure of the degree of contraction in economic activity, but rather as an indication of the strength of the signal.

The **DZ BANK's Euro-Indicator**, published on 5 May 2020, declined by 4.3 % in April 2020 as compared to March 2020. The indicator now stands at 92.77 points in April 2020, decreasing from 96.94 points in March 2020. The sharp monthly decline of the indicator is uncommon in its more than 20-year history. The current crisis is affecting all areas

(1) Euro area growth assessment is based on the indicators' releases and do not necessarily reflect Eurostat's views; IFO Economic Climate Indicator has been discontinued.
 (2) The BCI press release has been discontinued.

Modernising our publications: going digital

<https://ec.europa.eu/eurostat/publications/digital-publications>



- 8 Digital publications published so far
- Contain short texts, dynamic and static visualisations, animations, etc.

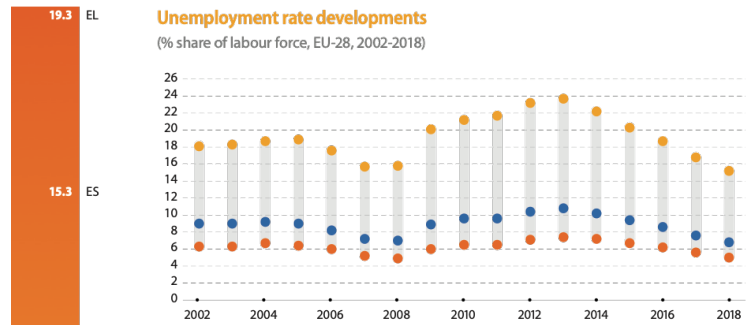


Modernising our publications: Key figures on...

<https://ec.europa.eu/eurostat/web/products-statistical-books/-/KS-EI-19-001>



1 People and society



Unemployment rate developments
(% share of labour force, EU-28, 2002-2018)

- People aged 15-24 years
- Total (people aged 15-74 years)
- People aged 50-74 years

In 2008, the EU-28 unemployment rate for people aged 15-74 years hit a low of 7.0 %. In the wake of the global financial and economic crisis, the unemployment rate rose sharply, peaking at 10.8 % in 2013. During the following five years, there was a considerable reduction in this rate, as the EU-28 unemployment rate fell to 6.8 % by 2018.

The EU-28 youth unemployment rate was 15.2 % in 2018, which was more than three times as high as the unemployment rate for persons aged 50-74 years (5.0 %).

Unemployment rate

(% share of labour force aged 15-74 years, 2018)

In 2018, the highest overall unemployment rate for people aged 15-74 years was recorded in Greece (19.3 %), while Spain and Italy also recorded double-digit rates. Some of the lowest unemployment rates — within the range of 3.0-4.0 % — were recorded in Poland, the Netherlands, Hungary, Malta and Germany, with the rate in Czechia (2.2 %) even lower.



Source: Eurostat (online data code: une_rt_a)

22 Key figures on Europe – 2019 edition

Traditional news Releases

<https://ec.europa.eu/eurostat/news/news-releases>

Flash estimate for the second quarter of 2017

GDP up by 0.6% in both the euro area and the EU28

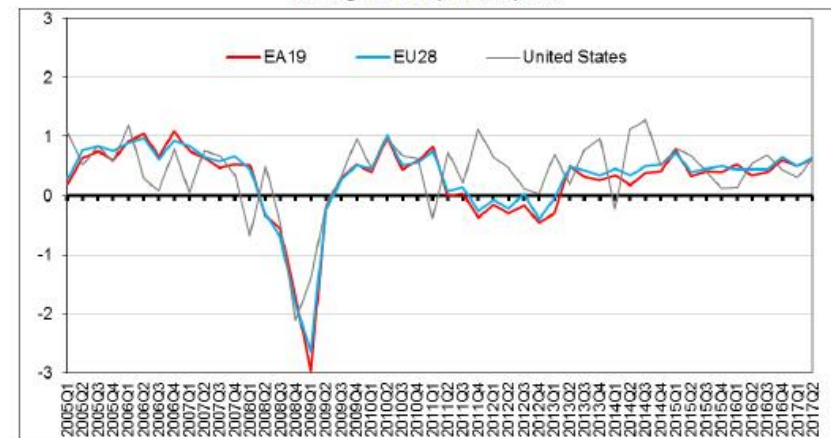
+2.2% and +2.3% respectively compared with the second quarter of 2016

Seasonally adjusted GDP rose by 0.6% in both the euro area (EA19) and the EU28 during the second quarter of 2017, compared with the previous quarter, according to a flash estimate published by Eurostat, the statistical office of the European Union. In the first quarter of 2017, GDP grew by 0.5% in both zones.

Compared with the same quarter of the previous year, seasonally adjusted GDP rose by 2.2% in the euro area and by 2.3% in the EU28 in the second quarter of 2017, after +1.9% and +2.1% respectively in the previous quarter.

During the second quarter of 2017, GDP in the United States increased by 0.6% compared with the previous quarter (after +0.3% in the first quarter of 2017). Compared with the same quarter of the previous year, GDP grew by 2.1% (after +2.0% in the previous quarter).

EU28, euro area and United States GDP growth rates
% change over the previous quarter



Modernising news: What's New

← Sit at work? You are one of 39%

Print

05/03/2019



Almost four out of every ten people (39 %) employed in the European Union (EU) in 2017 carried out their work while sitting down. This included office workers using computers, staff in call-centres and vehicle drivers.

A further 30 % of EU workers had jobs which mostly involve moderate physical effort, such as car repairs, nursing, plumbing and carrying light loads.

One in five workers in the EU (20 %) spent most of their working time standing up, such as teachers or shop sales assistants. The remaining people employed had jobs that mostly involve heavy labour or are physically demanding, such as heavy construction work, loading and digging.

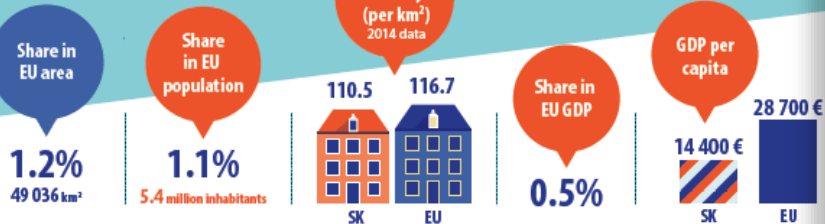


Note: The percentages do not sum to 100% due to rounding

ec.europa.eu/eurostat

Static infographics

Slovakia in the EU



Did you know that...

Slovakia is the largest EU exporter of cars relative to its population (185 cars exported per 1000 inhabitants).



Slovakia has the highest share of employed persons working on Sundays (20%).

In Slovakia the share of students in upper secondary education studying at least 2 foreign languages is significantly higher (72%) than the EU average (44%).



Slovakia has the second highest share of people who own their dwelling (90% of population)



Export of goods



Import of goods



● Inside EU
● Outside EU

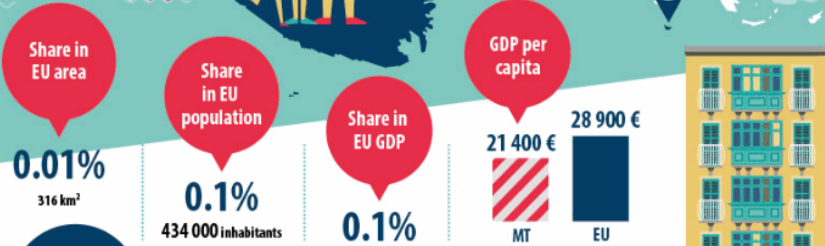
Employment rate men (aged 20 to 64)



Employment rate women (aged 20 to 64)



Malta in the EU



Did you know that...



Malta has one of the highest life expectancies in the EU (2014 data)

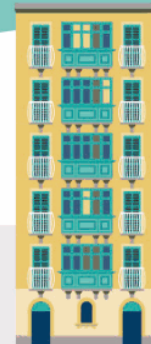


Malta is a large exporter of banknotes. In 2015, it exported 37% of total EU exports of banknotes



Malta has the lowest rate of road traffic victims: 2.6 per 100 000 inhabitants

Malta has the highest tourism intensity in the EU: 21 guest nights per inhabitant in 2014



Malta has by far the highest population density in the EU (1352.4 persons per km², in 2014)

Exports of goods



Imports of goods



● Inside EU
● Outside EU

Employment rate men (aged 20 to 64)



Employment rate women (aged 20 to 64)



Interactive visualisations



Many different kinds!
Have a look for yourself and play around with the data:
<https://ec.europa.eu/eurostat/help/first-visit/tools>

Interactive visualisations: Integrating statistics and geospatial data



eurostat

Your key to European statistics

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

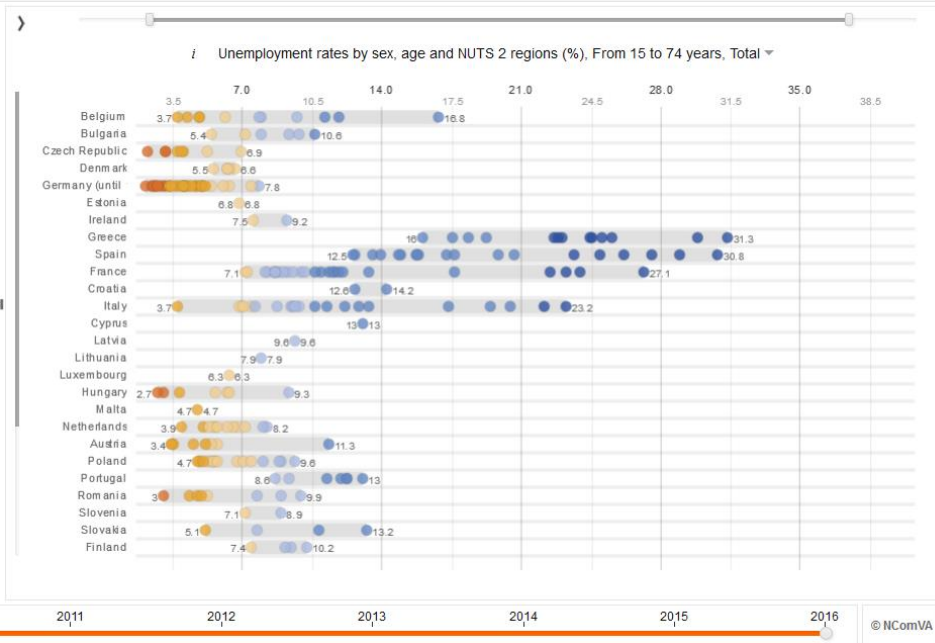
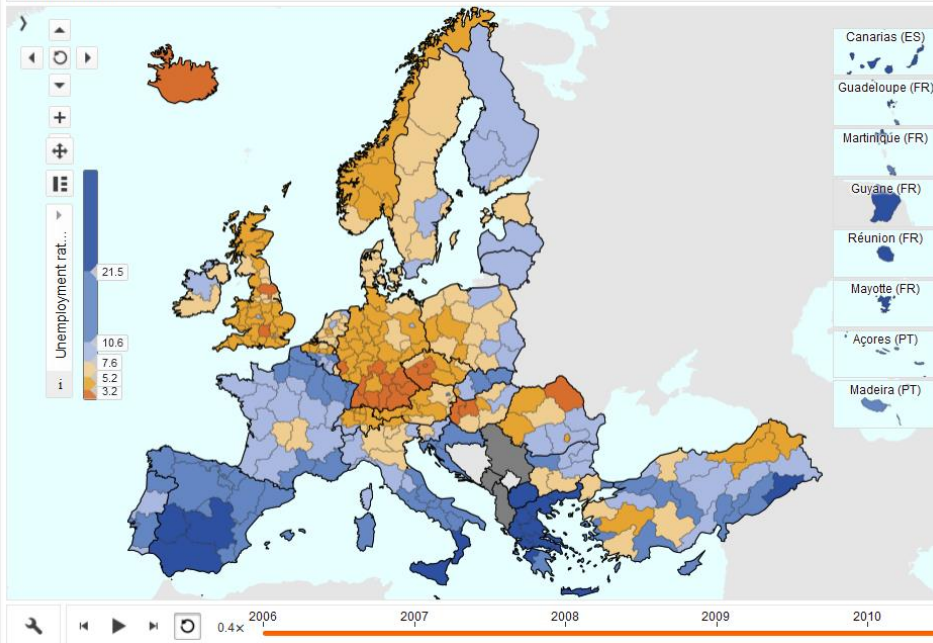
European Commission > Eurostat > Regions and cities > Regions and Cities Illustrated (RCI)

Regions | Cities | Urban-rural | Coastal | Degree of urbanisation

Statistical domains **Economy**

Geographical level NUTS 1 NUTS 2 NUTS 3

Distribution plot | Scatter plot | Bar chart | Data table



<https://ec.europa.eu/eurostat/cache/RCI/#?vis=nuts2.labourmarket>

Some thoughts: Teamwork

- *Statistician*
- *Statistician / Graphic designer*
- *Statistician / Graphic designer / IT*
- *Statistician / Graphic designer / IT / GIS*

Some thoughts: Problems

- *Factoids or analysis?*
- *Device responsiveness?*
- *Statistically accurate?*
- *Statistically meaningful?*
- *Politically correct?*
- *Geographically correct?*
- *Design dominating statistics?*

Some other links

- <https://ec.europa.eu/eurostat/news/themes-in-the-spotlight> - A collection of static infographics and interactive visualisations
- <https://ec.europa.eu/eurostat/web/population/overview> - An example of a our visual entry page to statistical themes
- <https://ec.europa.eu/eurostat/web/sdi/key-findings> & <https://ec.europa.eu/eurostat/web/sdi/no-poverty> - Tools for SDGs
- <https://ec.europa.eu/eurostat/web/gisco/overview> - GISCO - the Geographic Information System of the COMmission
- <https://ec.europa.eu/eurostat/statistical-atlas/gis/viewer/themes/> - The Statistical Atlas is an interactive map viewer