Eurostat Regions and Cities Illustrated: Usage guide

With Regions and Cities Illustrated, you can easily visualise regional indicators and view data for regions you are most interested in.

This interactive tool contains data on European regions, cities and other territorial typologies, grouped into different statistical domains. Using the interactive map, individual territories can quickly be selected while different visualisation options allow comparison and analysis in a user-friendly way. An animated timeline shows how different territories perform over time.

Regions and Cities Illustrated contains different dashboards, which always feature a choropleth map on the left pane. On the right pane, the user can select four different views:

– Distribution plot
– Scatter plot
– Bar chart
– Data table

The following pages give a brief overview of the different visualisations and functionalities of the tool.

For questions or feedback, please contact
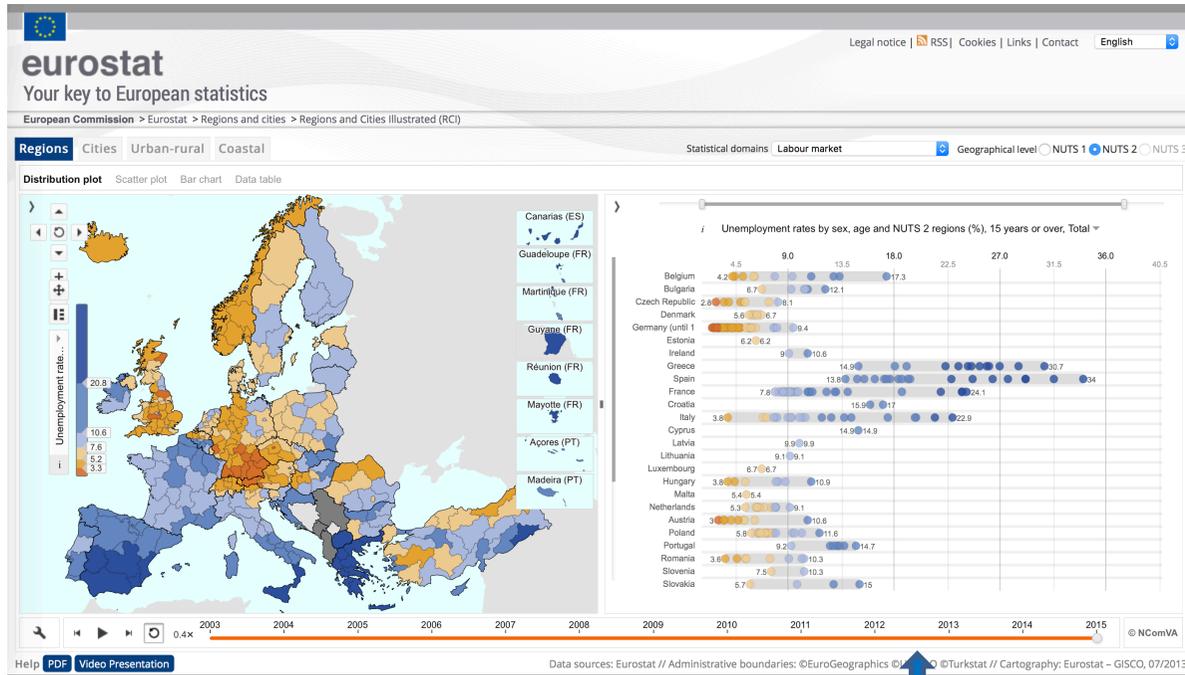ESTAT-REGIO@ec.europa.eu
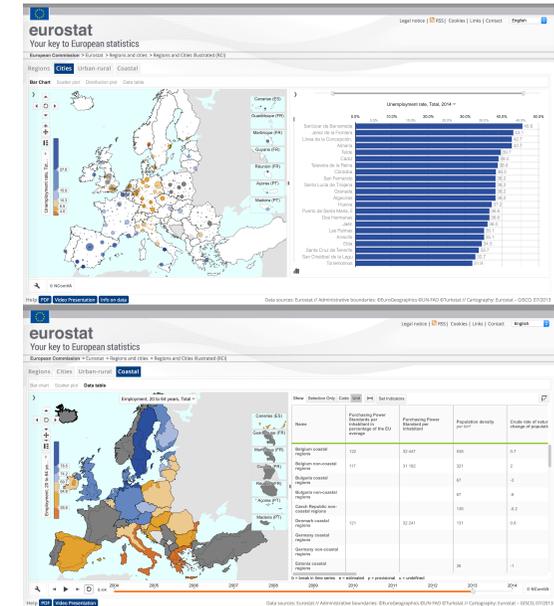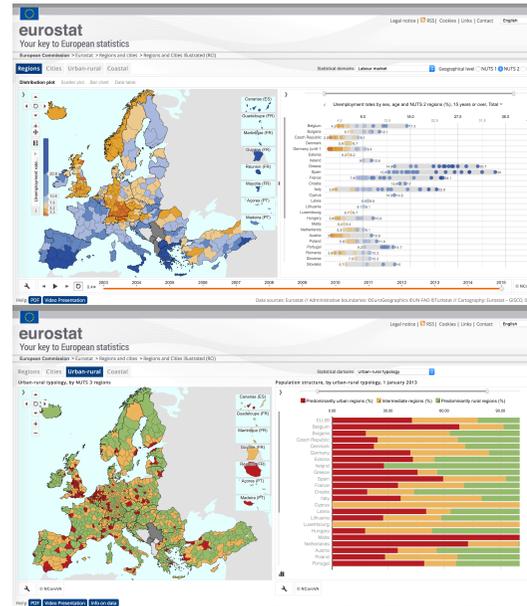
Please note that this user guide is based on the HTML version of the tool. Older browsers will display the Flash version, which contains slightly different buttons and functionalities.

Version 1.1

Initial view of the dashboard in Regions and Cities Illustrated

Switch between visualisations and typologies

Select a statistical domain and NUTS level

Regions and Cities Illustrated features more than **50 indicators** at **NUTS 1, NUTS 2 and NUTS 3** levels for **10 statistical domains**. You can select the domains from the drop-down list in the top right corner.

For each domain, there are **domain-specific** as well as some **other indicators** (e.g. GDP) for comparison purposes.

Labour market is set as the default domain when loading the dashboard.

You can browse back to the Eurostat pages through the navigation links at the top left of the page.

Timeline. Move the slider or use the controls to the left to change the year or animate the timeline

Interface elements
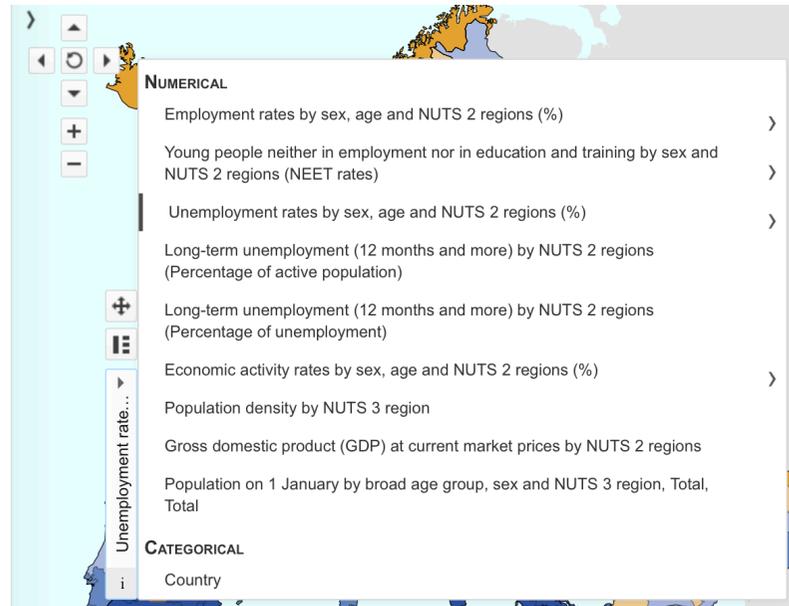
On the map, the displayed indicators can be changed on the left part from the **colour legend**. Changing the indicator on the map will affect the chart on the right side, and vice versa.
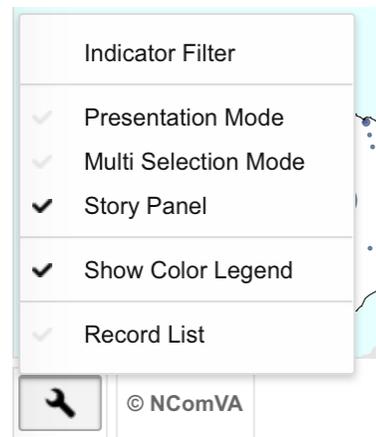
The dashboard settings button ("wrench" icon) on the bottom right part of the dashboard allows several options. The most important are:

Indicator filter: Allows filtering of the displayed regions based one or more indicators

Show colour legend: Controls the display of the colour legend element (see on the left)

Record list: Opens a third pane on the right of the dashboard, showing the full list of regions.
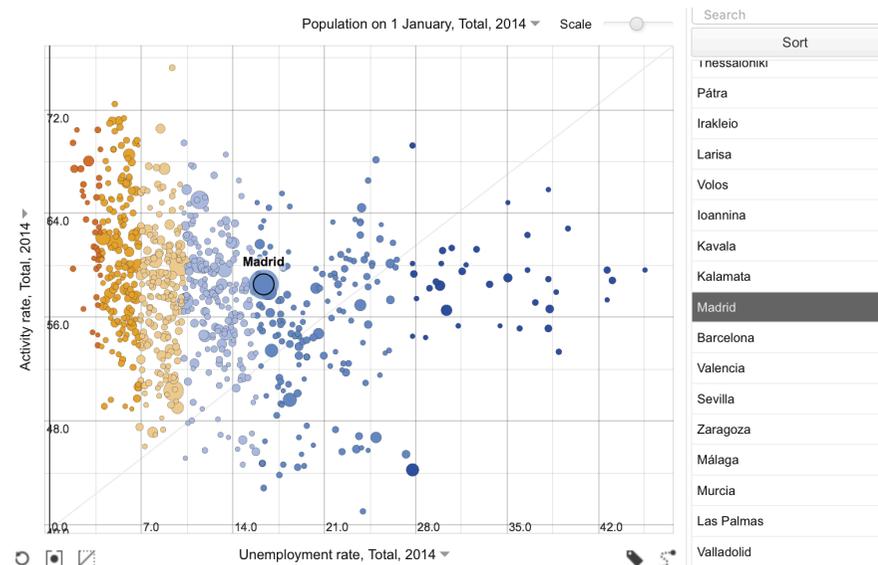
The **record list** displays all regions of the typology. You can scroll through it and select a region to be highlighted in the map and chart. Type in the name of a region in the original language to search for a region.

Map

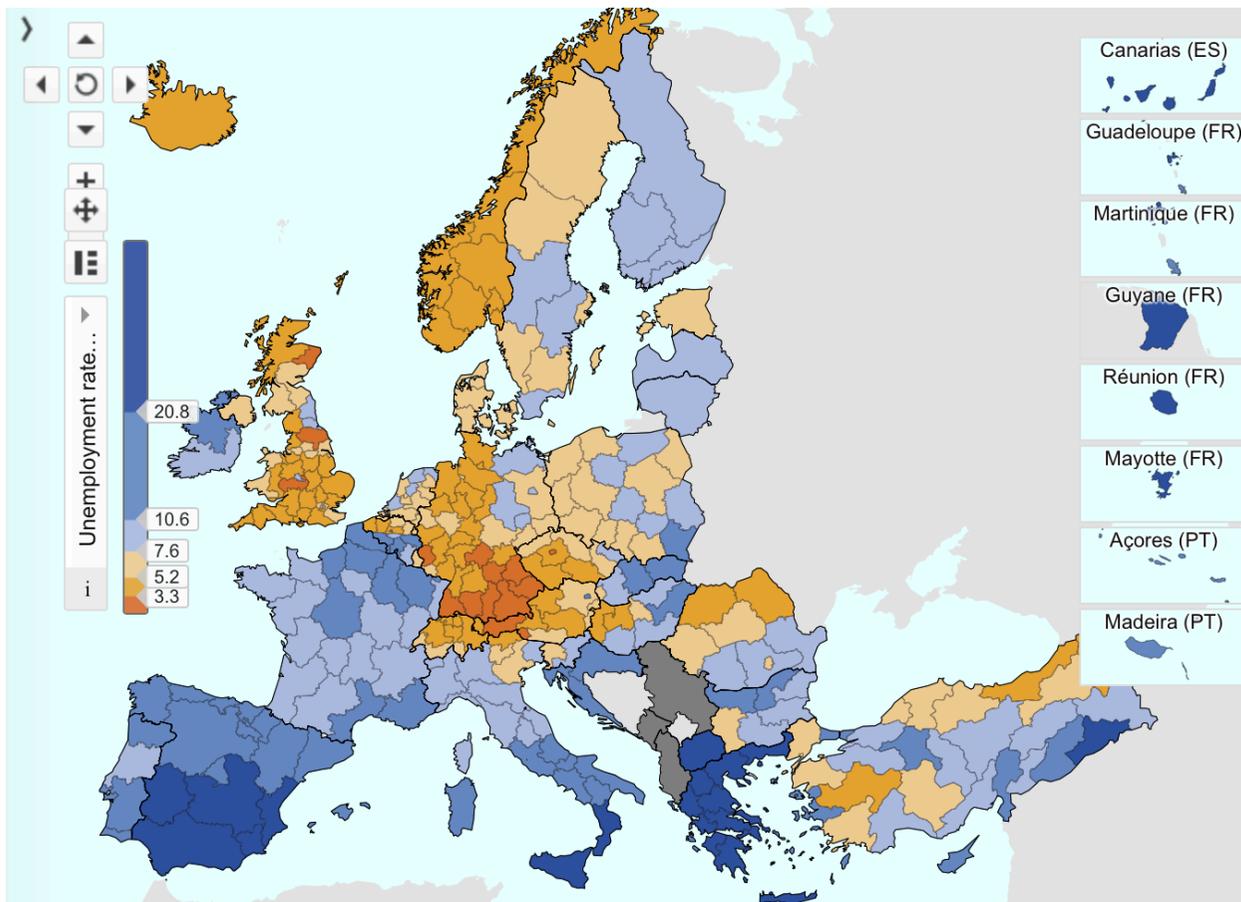The **choropleth map** is always shown on the left side of the dashboard. On the map, you get an overview of how European regions compare by the selected indicator. (Please note that it is not recommended to display indicators with absolutes values on a choropleth map, as the interpretation may be misleading).

In the **colour legend**, the values are grouped into six classes using the percentile distribution of the values. You can manually adjust the classes by sliding the class distributors up or down.

On the map, you can easily **select a region** by clicking on it (use the CTRL key to select multiple regions). The selection will also be shown on the visualisation on the right hand side of the dashboard. Hovering over a region with the mouse pointer will display the region name and value for the selected indicator and year.

You can manage the map view from the **map controls** on the top left corner.

 Move view left/right/top/bottom

Set zoom to fit window

Zoom in or out

Distribution plot

Unemployment rates by sex, age and NUTS 2 regions (%), 15 years or over, Total ▾

| | 9.0 | 18.0 | 27.0 | 36.0 |
| 4.5 | 13.5 | 22.5 | 31.5 | 40.5 |

Belgium 4.2 ... 17.3
Bulgaria 6.7 ... 12.1
Czech Republic 2.8 ... 8.1
Denmark 5.6 6.7
Germany (until 1 ... 9.4
Estonia 6.2 6.2
Ireland 9 10.6
Greece 14.9 ... 30.7
Spain 13.8 ... 34
France 7.8 ... 24.1
Croatia 15.9 17
Italy 3.8 ... 22.9
Cyprus 14.9 14.9
Latvia 9.9 9.9
Lithuania 9.1 9.1
Luxembourg 6.7 6.7
Hungary 3.8 ... 10.9
Malta 5.4 5.4
Netherlands 5.3 ... 9.1
Austria 3 ... 10.6
Poland 5.8 ... 11.6
Portugal 9.2 ... 14.7
Romania 3.6 ... 10.3
Slovenia 7.5 10.3
Slovakia 5.7 ... 15

The **distribution plot** is the visualisation, which is displayed by default on the right hand side of the dashboard.

On the distribution plot, data at NUTS 1-3 level are grouped by country. The distribution and range of regional values shows the extent of regional disparities across countries in Europe.

When clicking on any of the regions represented as dots the name of the region and the value is shown. The indicator can be changed in the selection box on top.

Other functions:

❯ Change the settings for the distribution plot, e.g. switc to vertical bars

Scatter plot
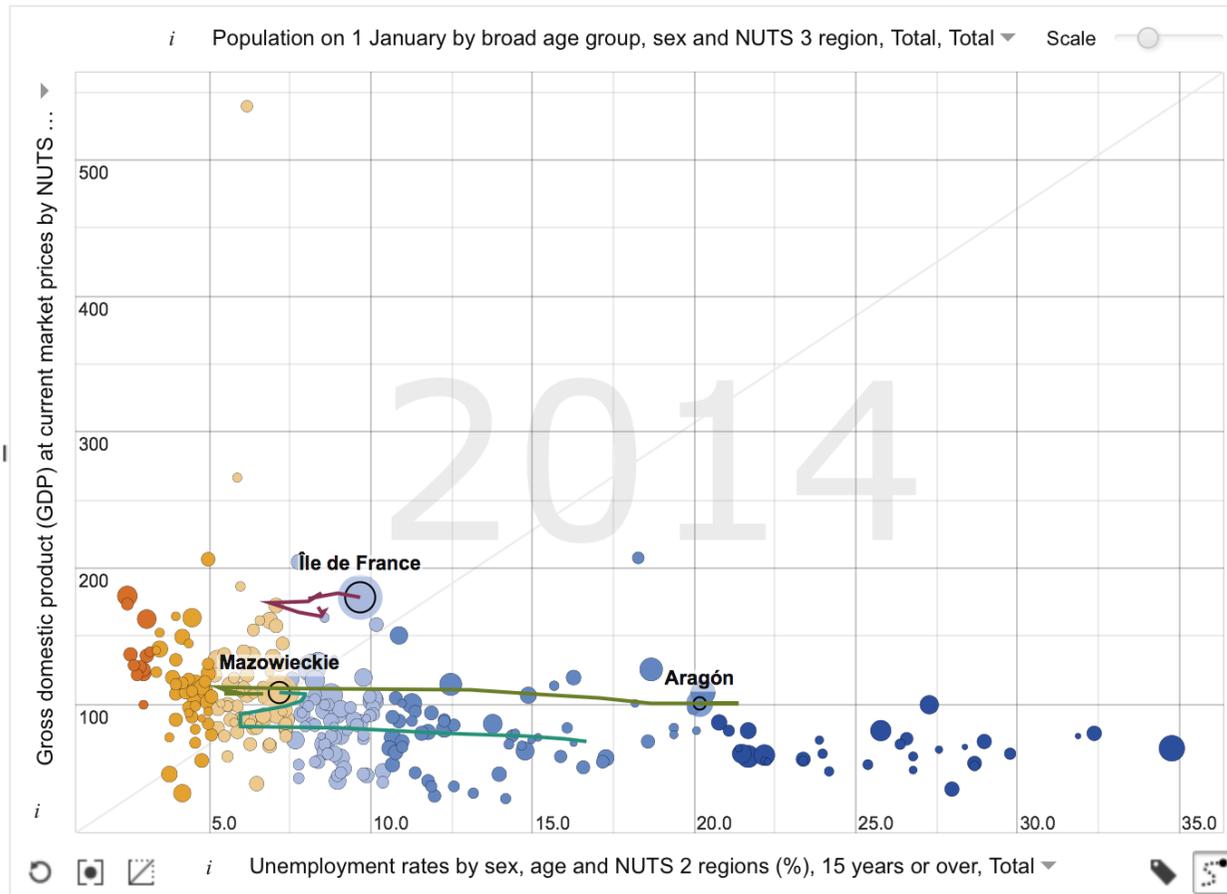
The **scatter plot** is a graph that displays how two indicators relate to each other. Regions are represented by dots at the intersection values for the two **indicators** chosen on the X-axis and Y-axis. The plot also shows another dimension through the size of each dot. The indicator to be represented in this dimension can be selected at the top of the scatter plot.

When clicking on any of the regions represented as dots, the name of the region and the values are shown. Multiple regions can be selected by pressing the CTRL key while clicking on the regions. If the option to **show trails** is enabled, the movement of the selected regions can be followed by its trail line (see screenshot).
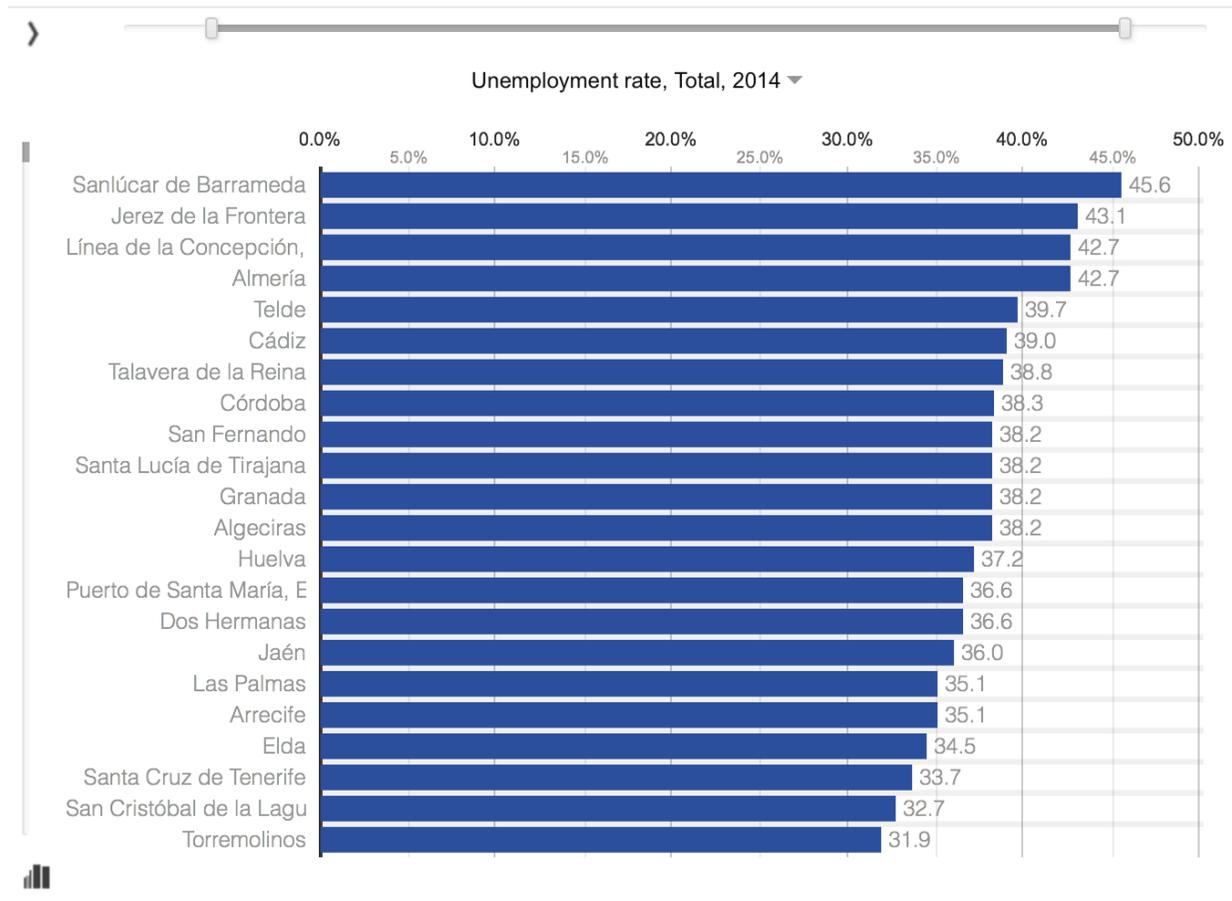
You can **zoom in** on selected regions by drawing a rectangle with the mouse pointer:
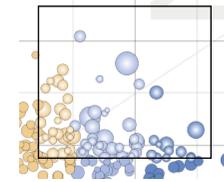
Other functions:

⟳ Reset the zoom

⊡ Zoom visible

◲ Scale plot to equal axis

🏷 Display region names

⸽ Display trails

Bar chart

Unemployment rate, Total, 2014 ▾

0.0%	
	5.0%
10.0%	
	15.0%
20.0%	
	25.0%
30.0%	
	35.0%
40.0%	
	45.0%
50.0%	

Region	Value
Sanlúcar de Barrameda	45.6
Jerez de la Frontera	43.1
Línea de la Concepción,	42.7
Almería	42.7
Telde	39.7
Cádiz	39.0
Talavera de la Reina	38.8
Córdoba	38.3
San Fernando	38.2
Santa Lucía de Tirajana	38.2
Granada	38.2
Algeciras	38.2
Huelva	37.2
Puerto de Santa María, E	36.6
Dos Hermanas	36.6
Jaén	36.0
Las Palmas	35.1
Arrecife	35.1
Elda	34.5
Santa Cruz de Tenerife	33.7
San Cristóbal de la Lagu	32.7
Torremolinos	31.9

The **bar chart** displays the regional data as horizontal vertical bars, sorted by the values for the selected indicator.

By default, the regions at the top of the chart are **highlighted**. You can scroll down to see all regions or change the number of highlighted regions using the le side scrollbar.

If a region is selected using the map or clicking on an individual bar, the selected region and regions with similar values will be highlighted automatically.

Other functions:

❯ Change the settings for the bar chart. Choose "Sho selection only" to display only selected regions (using CTRL key) as bars or deselect "Horizontal bars" to sh bars in vertical layout.

⬛ Toggle the bar focus (highlighted regions)

Data table

| Show: | Selection only | Code | |⊢⊣| | Set indicators | | | | ↗ |

Name	Code	Employment rates by sex, age and NUTS 2 regions (%), Females, From 15 to 64 years	Employment rates by sex, age and NUTS 2 regions (%), Females, From 20 to 64 years	Employment rates by sex, age and NUTS 2 regions (%), Females, From 55 to 64 years	Employment rates by sex, age and NUTS 2 regions (%), Males, From 15 to 64 years
Région de Bruxelles-Capitale / Brussels Hoofdstedelijk Gewest	BE10	48.6	52.3	34.1	59.4
Prov. Antwerpen	BE21	57.8	62.8	30.6	70.1
Prov. Limburg (BE)	BE22	59.0	63.8	33.5	68.9
Prov. Oost-Vlaanderen	BE23	62.5	67.8	34.0	72.5
Prov. Vlaams-Brabant	BE24	64.2	70.0	41.6	70.9
Prov. West-Vlaanderen	BE25	62.6	67.9	33.4	70.5
Prov. Brabant Wallon	BE31	58.1	63.8	40.4	67.2
Prov. Hainaut	BE32	48.5	52.9	29.0	59.5

: = not available   p = provisional   u = low reliability   b = break in time series

The **data table** displays the data for all indicators of the domain. Regions in the column on the left hand side are sorted by country (in protocol order) and NUTS code.

You can scroll up and down with the scroll bars, or sort the table according to an indicator by clicking on the header cell of the indicator of your choice.

Additionally, you can select one or more (using the CTRL key) regions from the map or table and view only the data for these regions by clicking "**Selection only**" at the top of the table.

The table can also be pivoted by selecting the **pivot** button in the top right corner of the table. This function is especially useful when only a couple of regions are selected.

Other functions:

Selection only	Show only data for selected region(s)
Code	Display or hide the NUTS code
⊢⊣	Change the column width
Set indicators	Select or deselect indicators
↗	Pivot the data table