



Nomenclature of Territorial Statistical Units (NUTS) in the European Union

Oliver Heiden, Eurostat

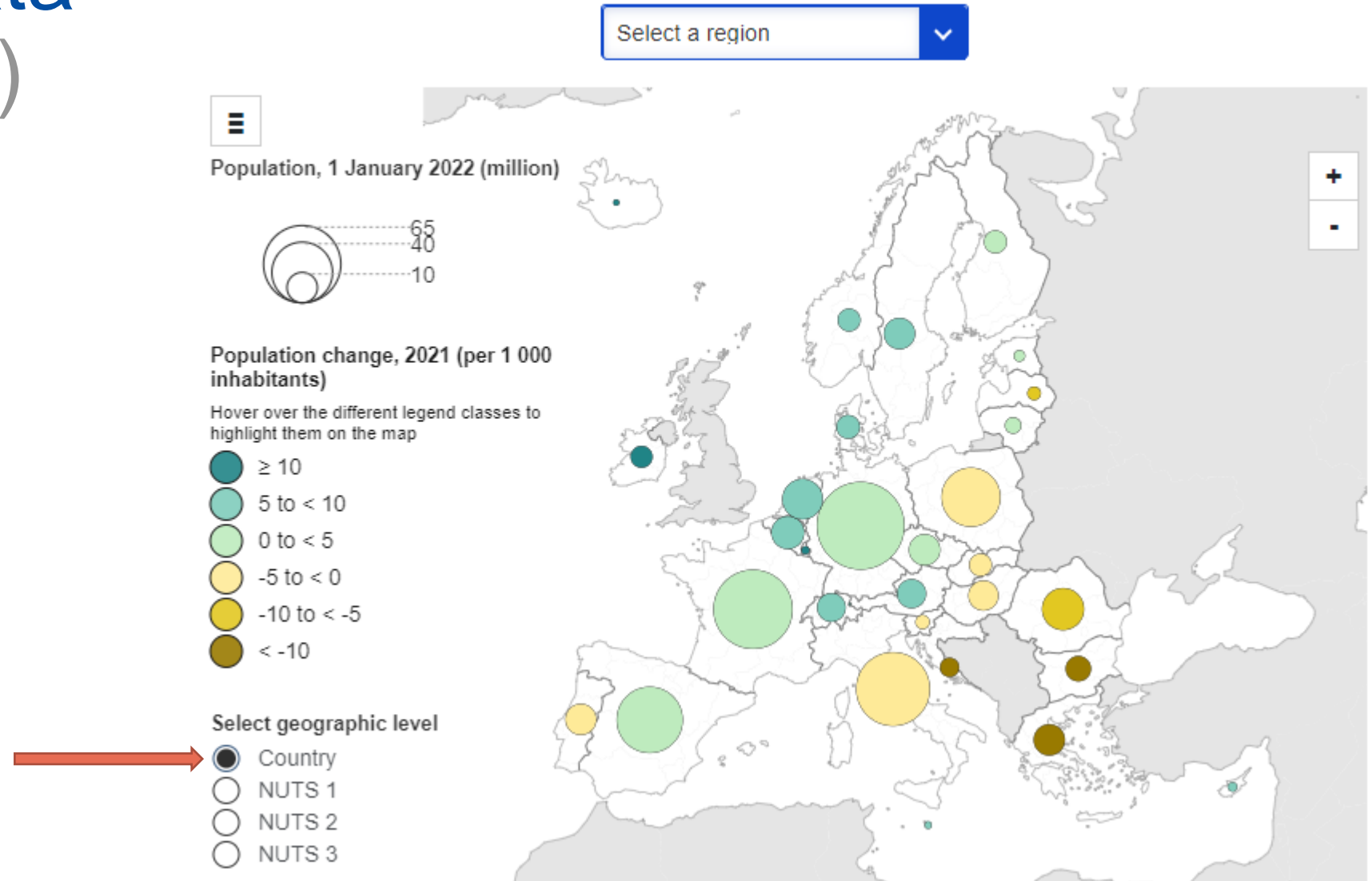


Classification = organising, sorting, grouping



National data (countries)

Population on 1 January 2022 and population change in 2021 (million inhabitants and per 1 000 inhabitants)



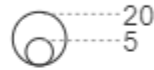
Regional data 1 (NUTS 1)

Population on 1 January 2022 and population change in 2021 (million inhabitants and per 1 000 inhabitants)

Select a region



Population, 1 January 2022 (million)



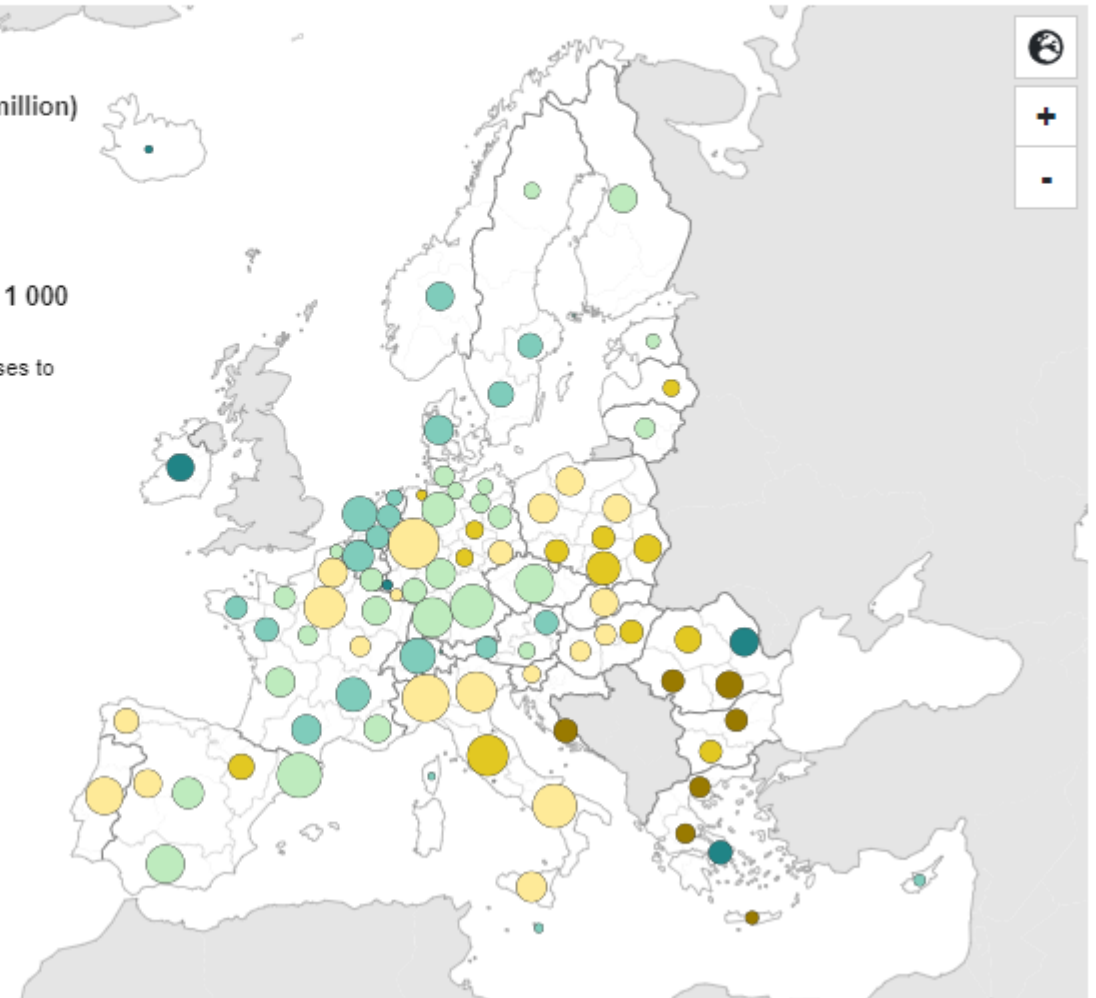
Population change, 2021 (per 1 000 inhabitants)

Hover over the different legend classes to highlight them on the map



Select geographic level

- Country
- NUTS 1
- NUTS 2
- NUTS 3



Regional data 2 (NUTS 2)

Population on 1 January 2022 and population change in 2021 (million inhabitants and per 1 000 inhabitants)

Select a region



Population, 1 January 2022 (million)



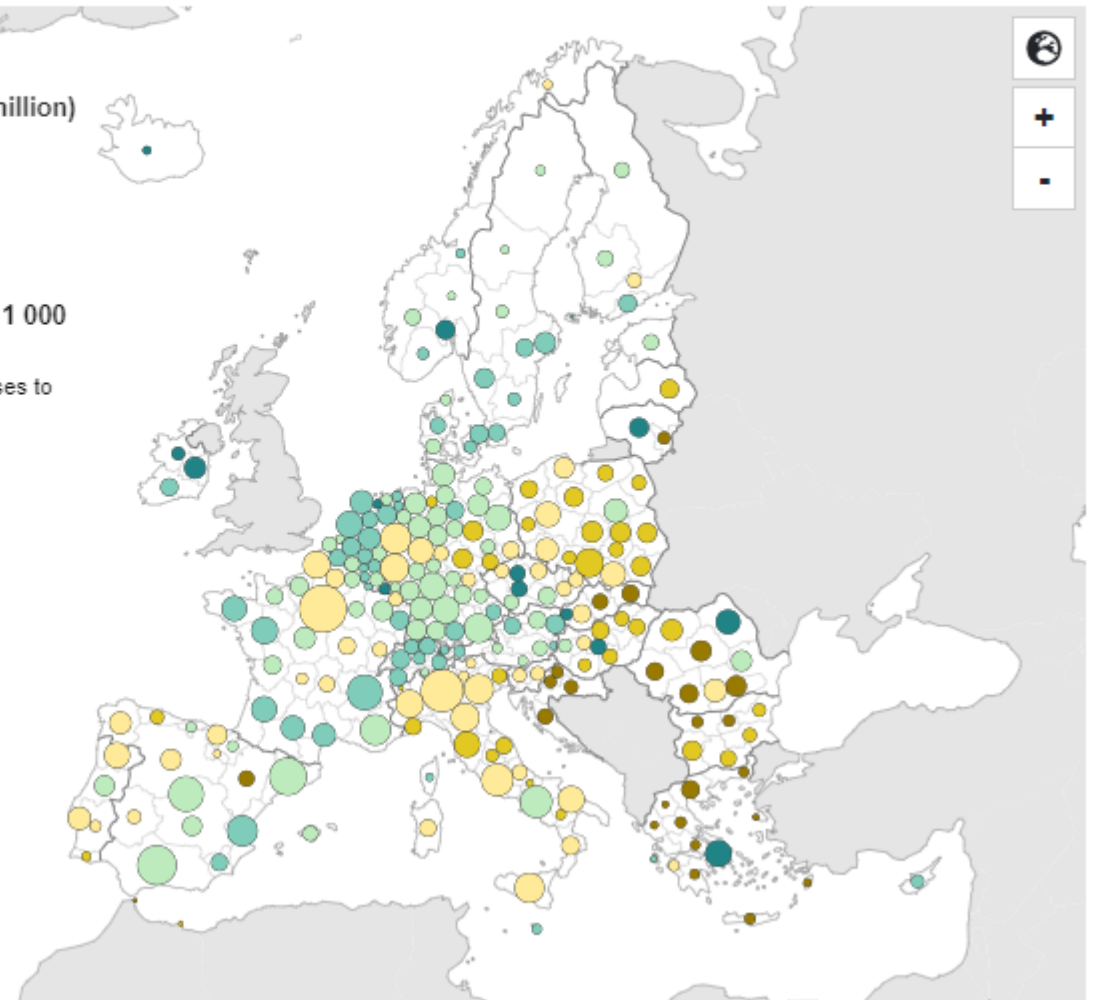
Population change, 2021 (per 1 000 inhabitants)

Hover over the different legend classes to highlight them on the map



Select geographic level

- Country
- NUTS 1
- NUTS 2
- NUTS 3



Regional data 3 (NUTS 3)

Population on 1 January 2022 and population change in 2021 (million inhabitants and per 1 000 inhabitants)

Select a region

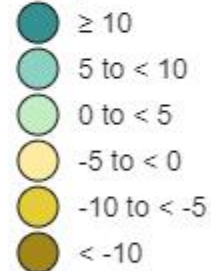


Population, 1 January 2022 (million)



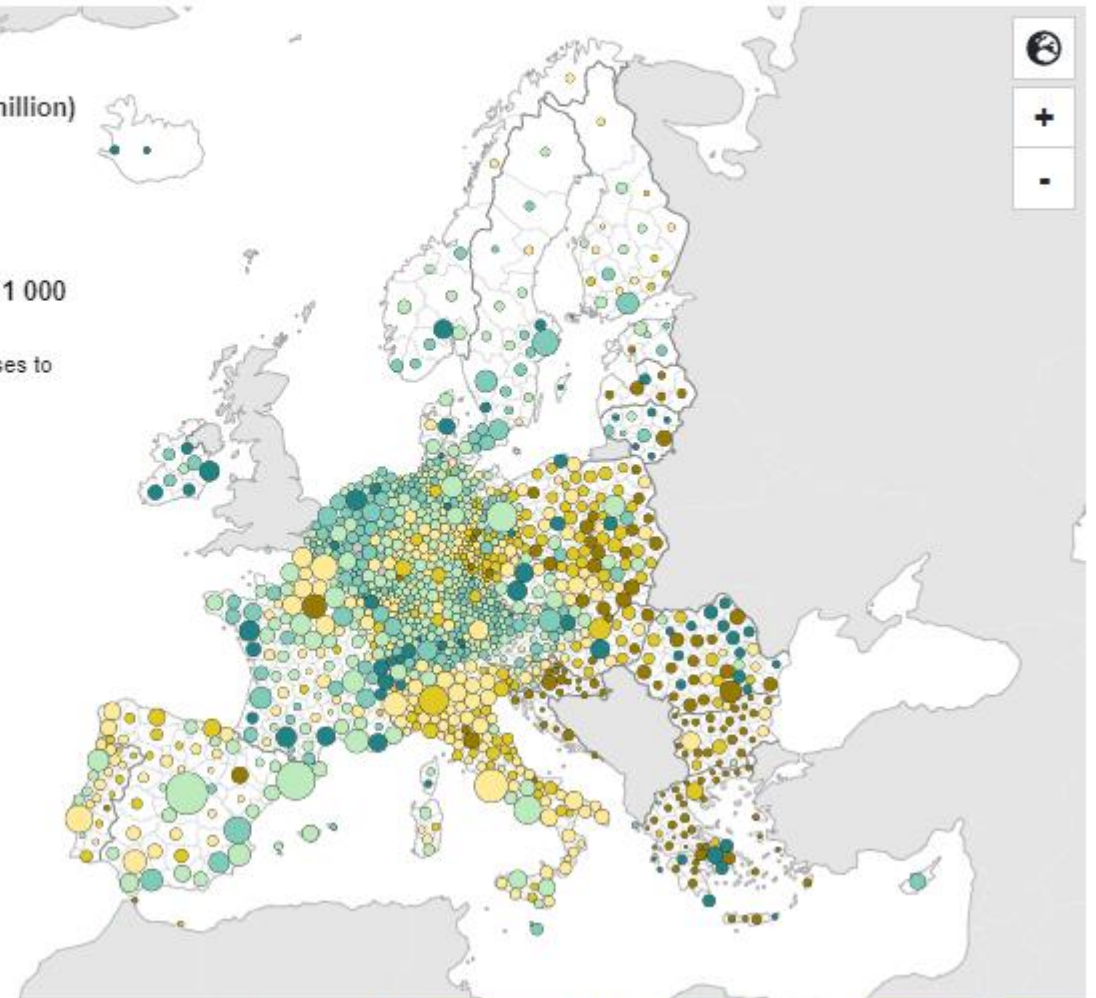
Population change, 2021 (per 1 000 inhabitants)

Hover over the different legend classes to highlight them on the map



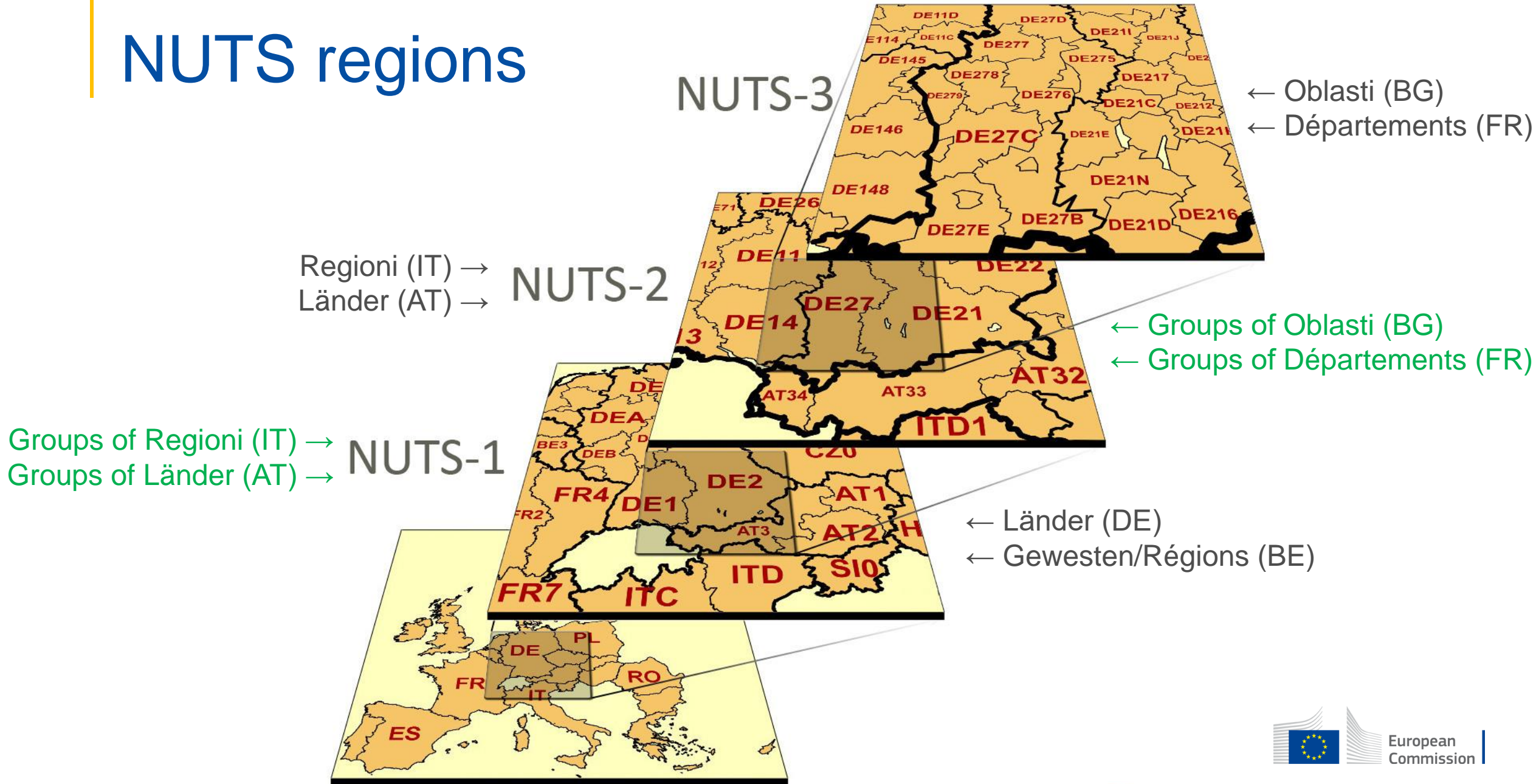
Select geographic level

- Country
- NUTS 1
- NUTS 2
- NUTS 3



Boundaries: © EuroGeographics © UN-FAO © Turkstat, Cartography: Eurostat - GISCO, 2023

NUTS regions



NUTS in a nutshell

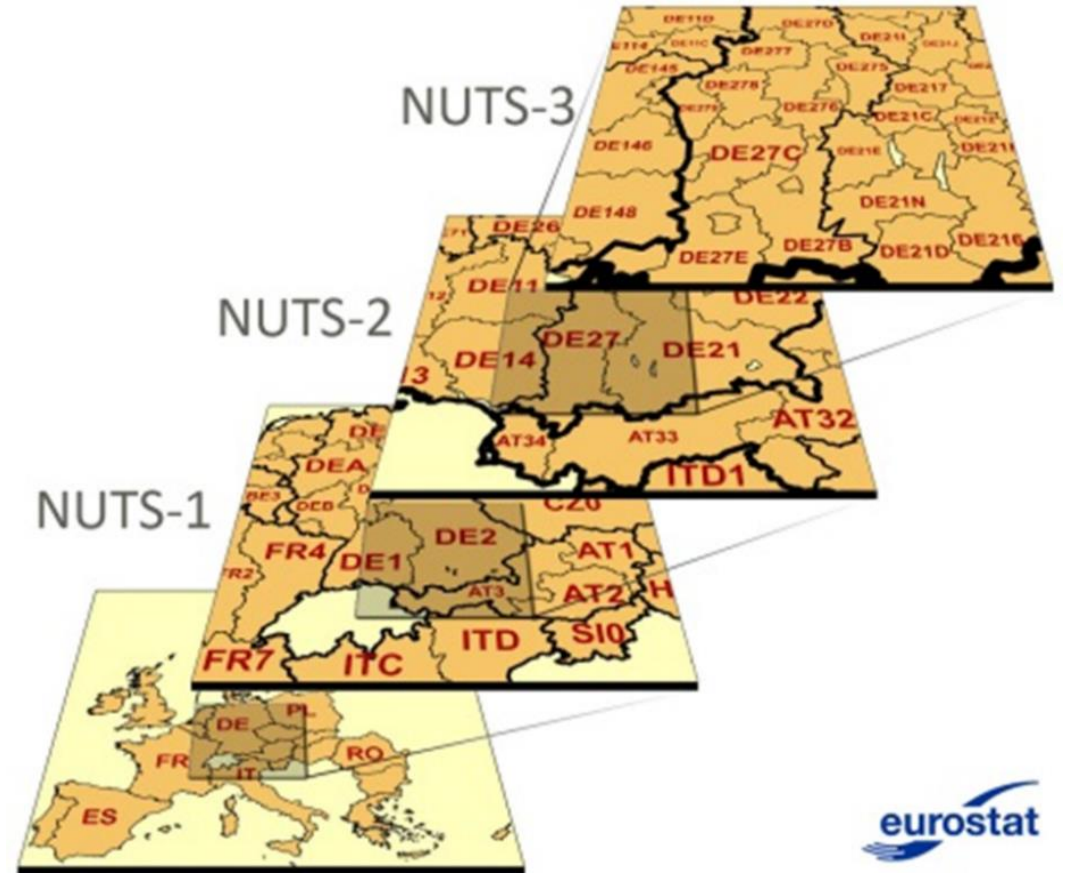
- aligned to national administrative structures
- ensures comparability by population thresholds

3 million < NUTS 1 < 7 million

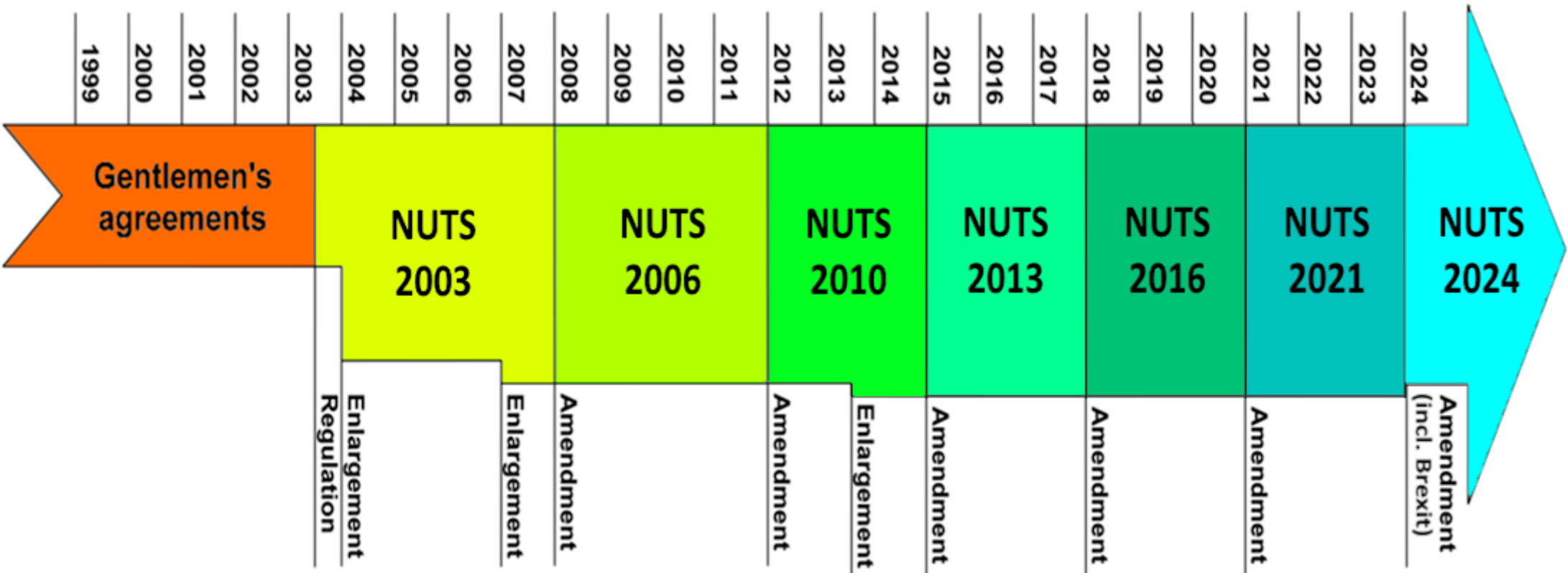
800.000 < NUTS 2 < 3 million

150.000 < NUTS 3 < 800.000

- hierarchical
- stable over time



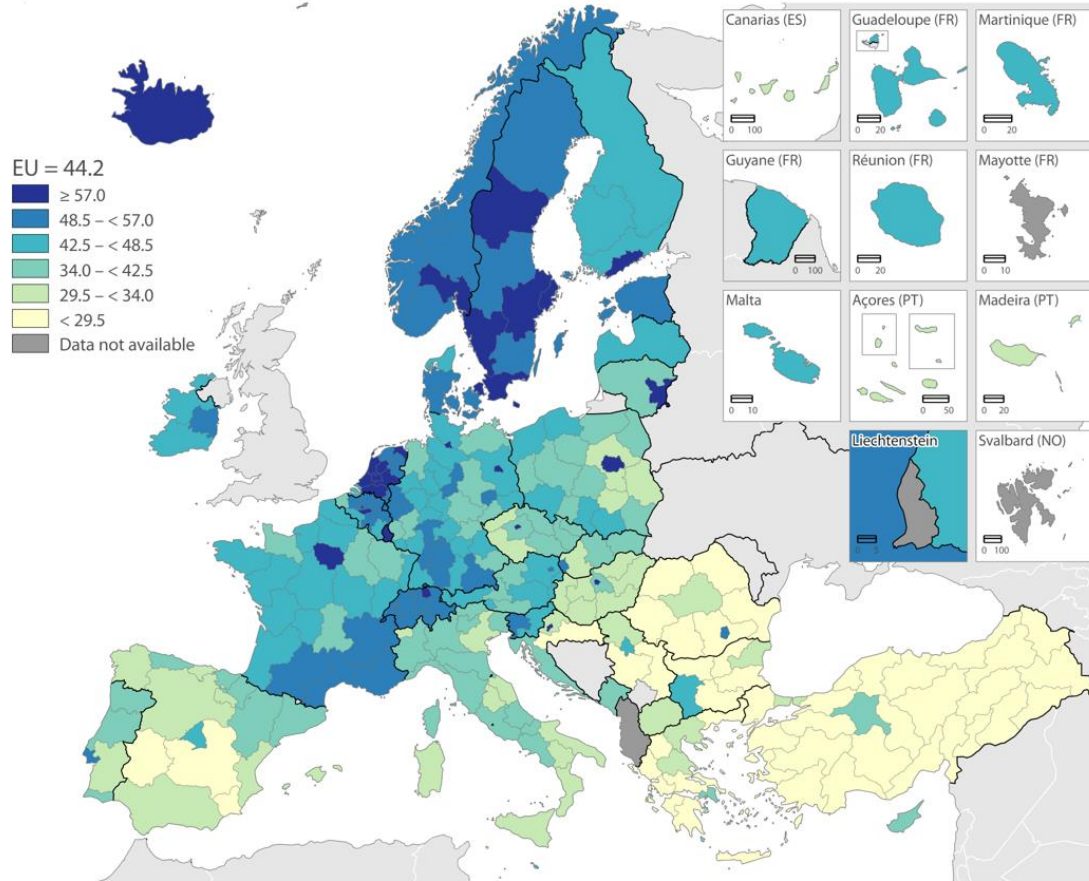
History of NUTS



NUTS today

Highly-skilled employed people, 2022

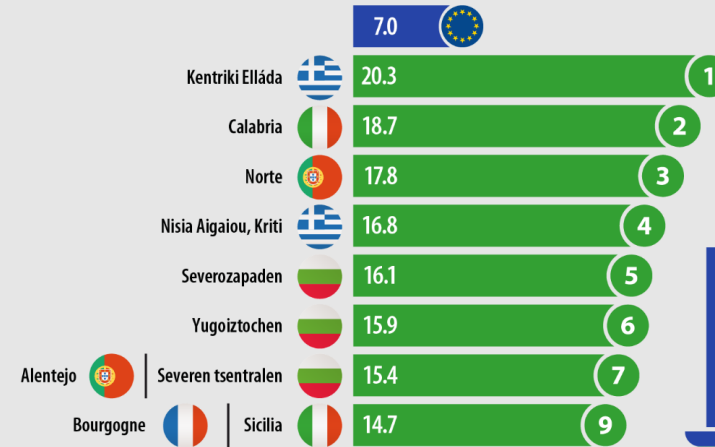
(% of people employed aged 25–64, by NUTS 2 regions)



Source: Eurostat (labour force survey)

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat
Cartography: Eurostat – IMAGE, 10/2023

Digital transformation

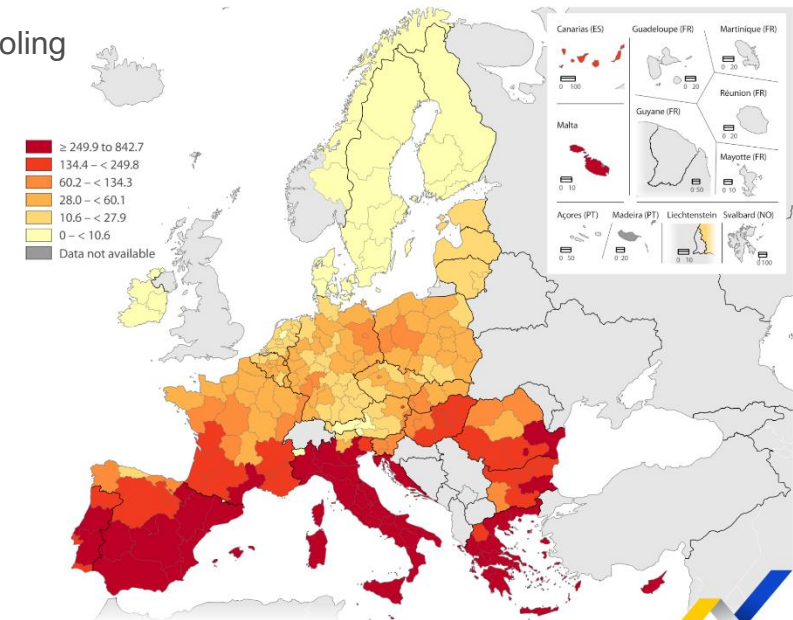


Which EU regions had the highest shares of people never having used the internet?



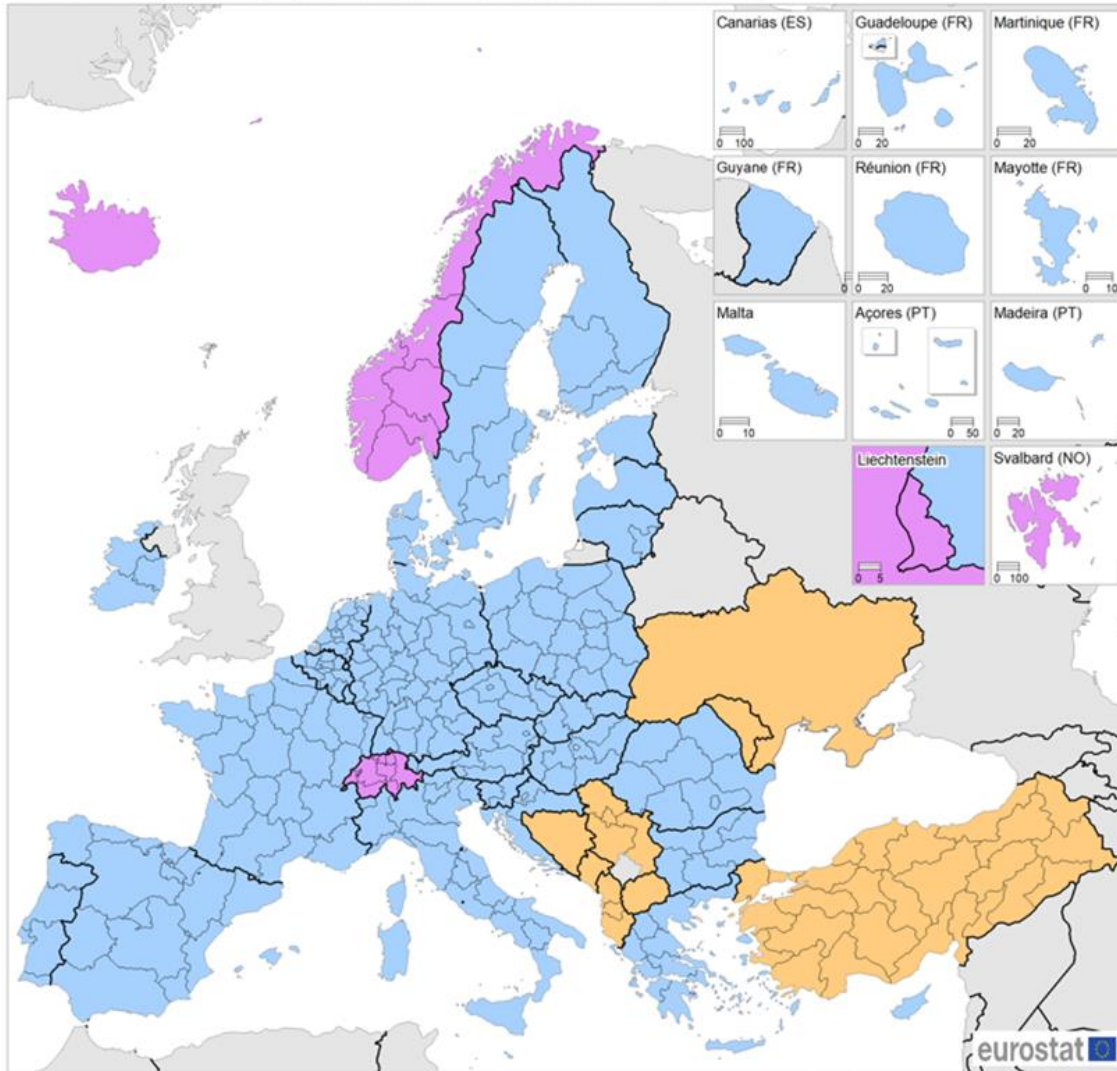
(% people aged 16–74, 2022, by NUTS 2 region)
Note: Germany, Greece and Poland, NUTS level 1. Croatia: national data. Mayotte (FRY5) and Åland (FI20): not available.
Source: Eurostat (online data codes: isoc_r_juse_i and tin00093)

Annual number of cooling degree days, 2022 (by NUTS 2 regions)



Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat
Cartography: Eurostat – IMAGE, 11/2023

NUTS 2 regions in the Member States of the European Union (EU) according to NUTS 2021, with corresponding statistical regions in EFTA countries, candidate countries



Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat
Cartography: Eurostat — GISCO, 11/2023

- Member States of the European Union
- EFTA countries
- Candidate countries



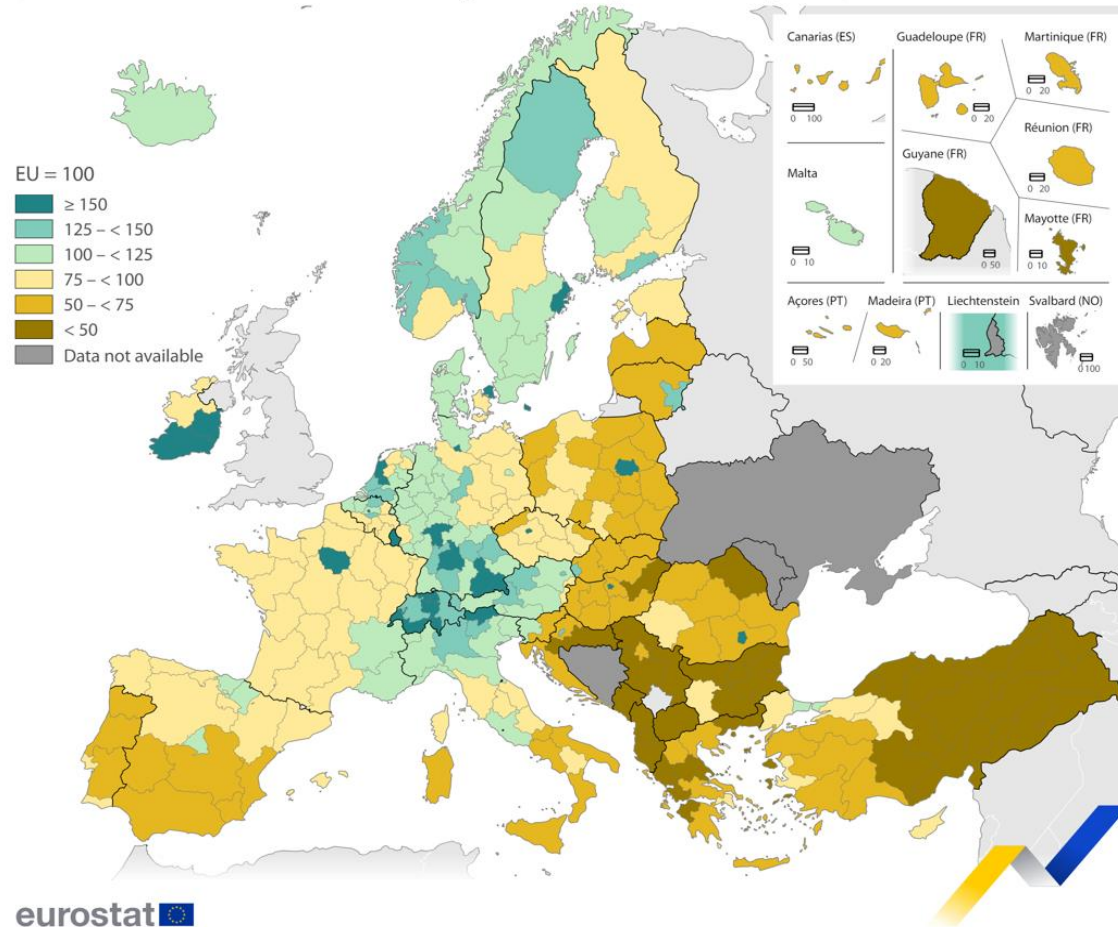
Note: Regions in the Member States of the European Union (EU) according to NUTS 2021. Statistical regions in EFTA countries, candidate countries and potential candidates according to latest available bilateral agreement. The designation of Kosovo is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.

Source: <https://ec.europa.eu/eurostat/web/nuts/local-administrative-units>

Currently valid: NUTS 2024

Cohesion Policy

GDP per inhabitant in purchasing power standards (PPS), 2021
(index in relation to the EU average = 100, by NUTS 2 regions)

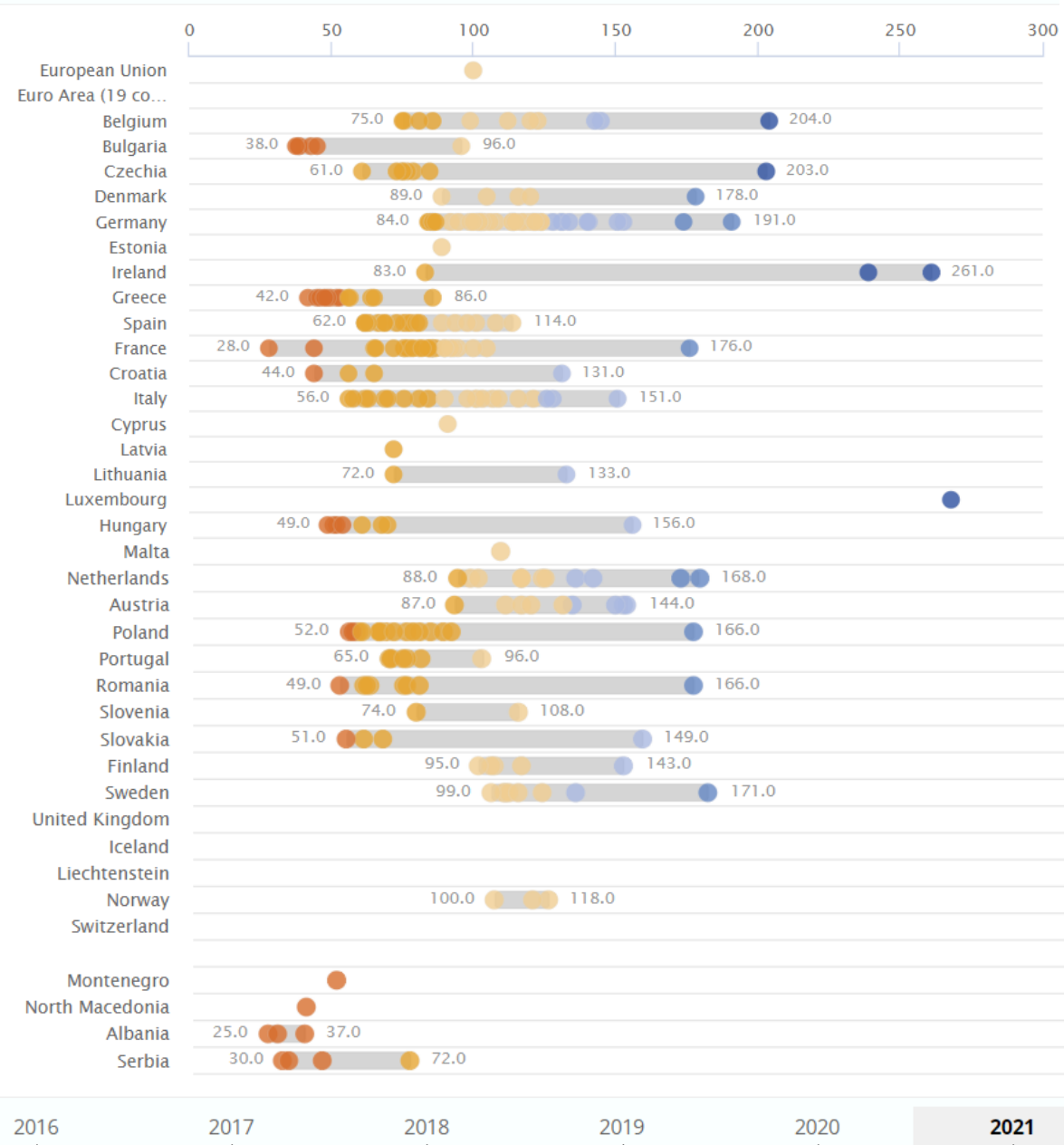


eurostat

Note: Norway, North Macedonia and Albania, 2020. Switzerland: 2018.
Source: Eurostat (online data codes: nama_10r_2gdp and nama_10_pc)

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat
Cartography: Eurostat - IMAGE, 11/2023

Gross domestic product (PPS per inhabitant in % of the EU-27 average), 2021



2016 2017 2018 2019 2020 2021

Common Agricultural Policy (CAP)

Farm managers, 2020
(% of total farm managers)

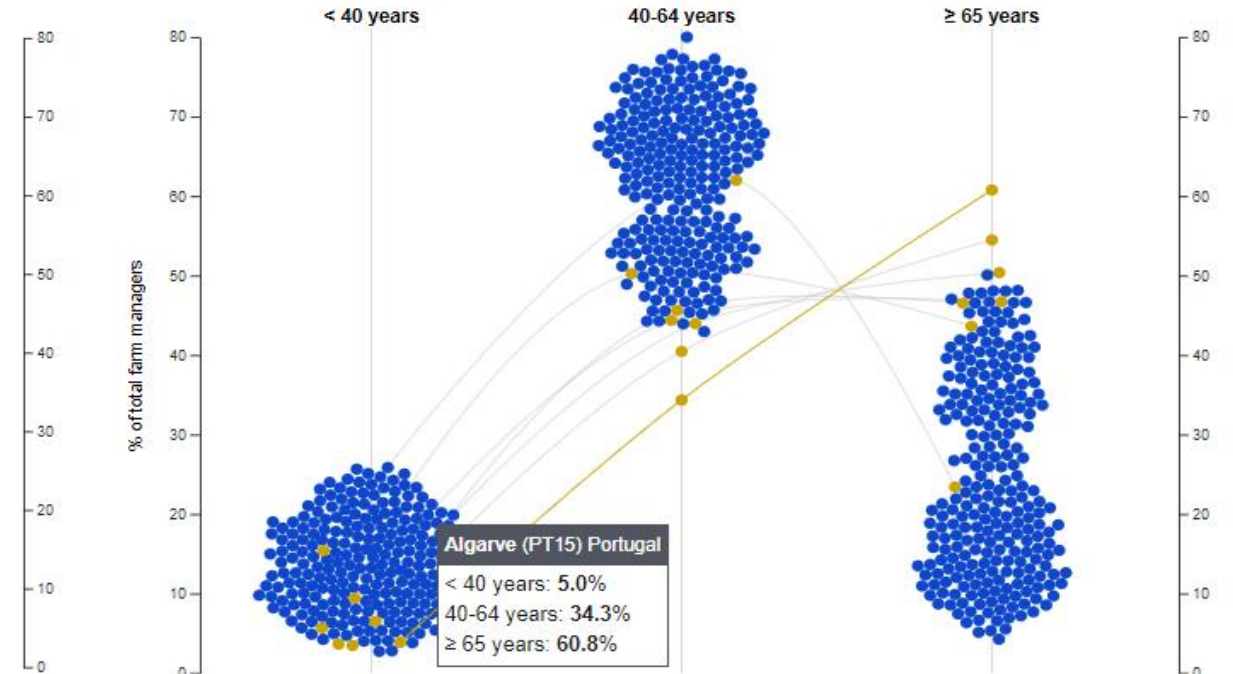
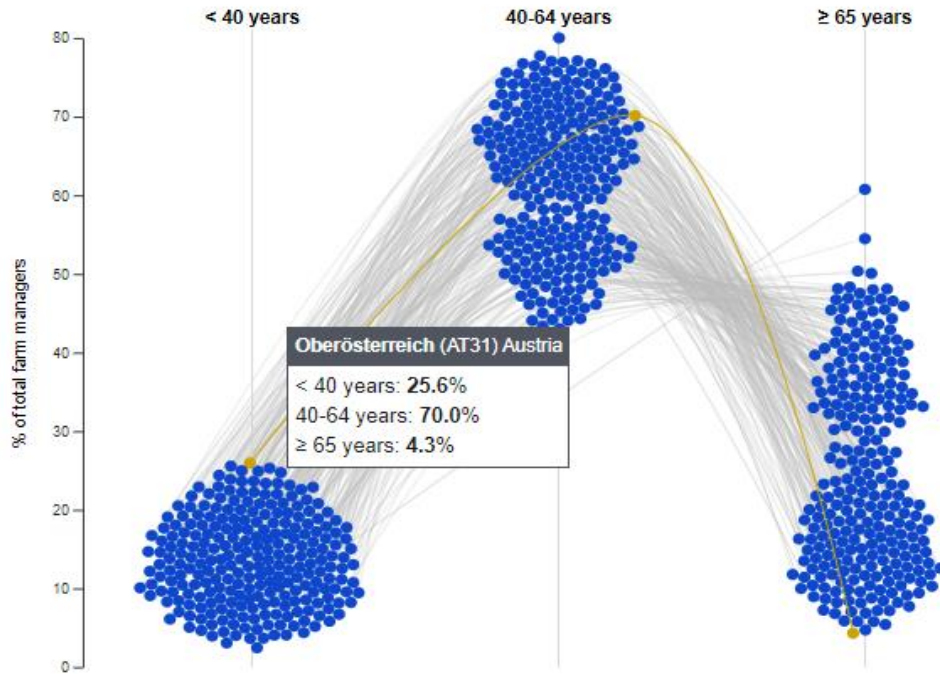
Select countries

Select regions

Farm managers, 2020
(% of total farm managers)

Portugal

7 of 7 regions selected



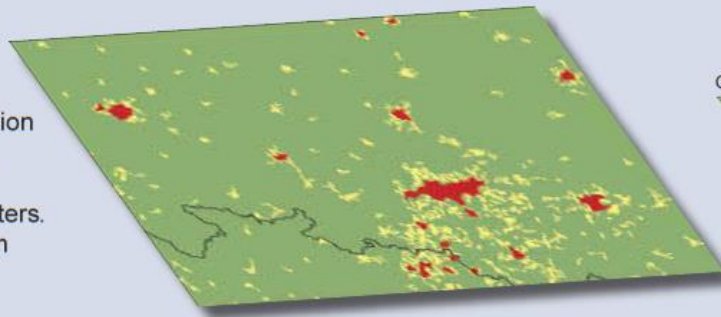
Regional statistics by NUTS

Domain/Statistics	Frequency	NUTS-1	NUTS-2	NUTS-3	Domain/Statistics	Frequency	NUTS-1	NUTS-2	NUTS-3
Regional and household accounts	Annual	X	X	X	Demography and migration	Annual	X	X	X
Economic accounts for agriculture	Annual	X	X		Population projections	Annual	X	X	X
Agro-environment	Annual	X	X	X	Earnings	Twice a year	X		
Prices and rents of agricultural land	Annual	X	X		Employment and unemployment	Quarterly	X	X	
Animal production - meat	Quarterly	X	X		Job vacancies	Quarterly	X	X	
Milk, milk products and dairies structure	Monthly	X	X		Labour costs	Quarterly	X		
Crop production	Annual	X	X		Crime and criminal justice	Annual	X	X	X
Structure of agricultural holdings	Multi annual	X	X	X	Income and living conditions (SILC)	Annual	X	X	
Integrated farm statistics	3/6 years	X	X	X	SILC modules	3/6 years	X		
Sustainable development indicators	Annual	X	X		Causes of death	Annual	X	X	
Waste statistics	Annual	X	X		Education and training	Annual	X	X	
Inland waterway transport	Quarterly	X	X		Business demography	Annual	X	X	X
Maritime transport	Quarterly	X	X		Structural Business Statistics	Annual	X	X	
Rail transport	Quarterly	X	X		Tourism industry - accommodations	Monthly	X	X	
Road transport	Quarterly	X	X	X	High tech industry, KIS, HR in S&T & IPR	Annual	X	X	
Land cover and use, landscape	Aperiodic	X			Research and Development	Annual	X	X	
Heating & cooling degree days	Monthly	X	X						

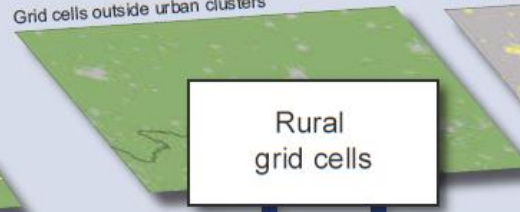
NUTS typologies 1

Grid cells

A classification of raster cells of 1 km² using criteria of population density and contiguity. Where available, the population distribution is derived from registers. Elsewhere, it is downscaled from local (LAU) population figures.

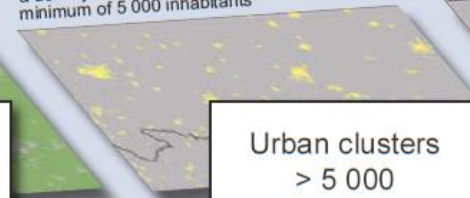


Grid cells outside urban clusters



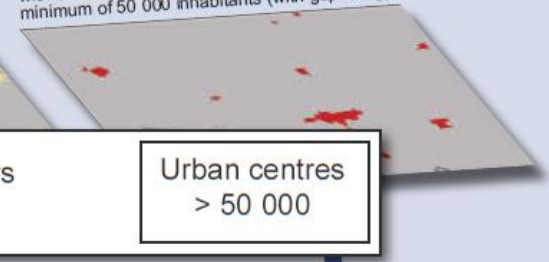
Rural grid cells

Contiguous cells (including diagonals) with a density of at least 300 inh./km² and a minimum of 5 000 inhabitants



Urban clusters > 5 000

Contiguous cells (without diagonals) with a density of at least 1 500 inh./km² and a minimum of 50 000 inhabitants (with gap filling).

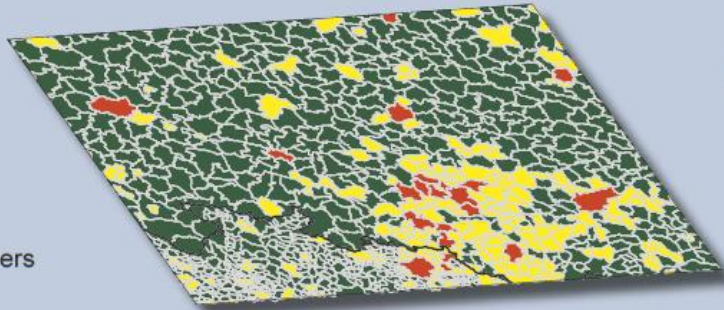


Urban centres > 50 000

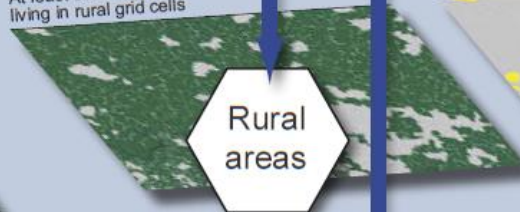
LAU

Degree of urbanisation

A classification of local administrative units (LAU) based on the share of local population living in urban clusters and in urban centres.



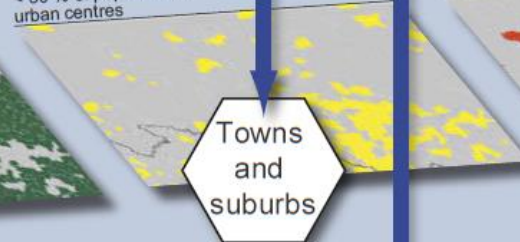
At least 50 % of population living in rural grid cells



Rural areas

Thinly populated

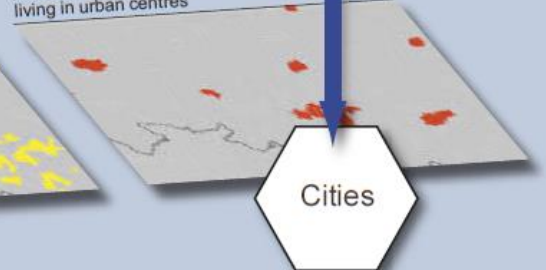
< 50 % of population in rural grid cells and < 50 % of population in urban centres



Towns and suburbs

Intermediate density

At least 50 % of population living in urban centres



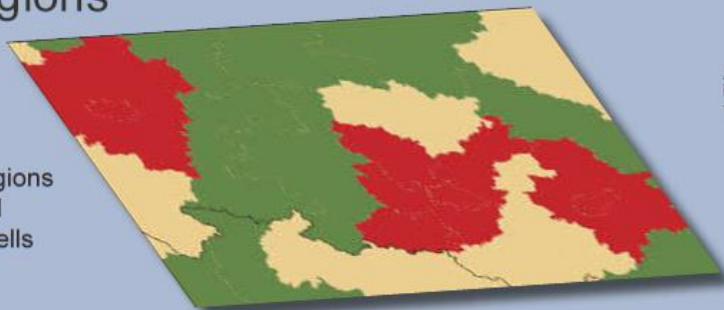
Cities

Densely populated

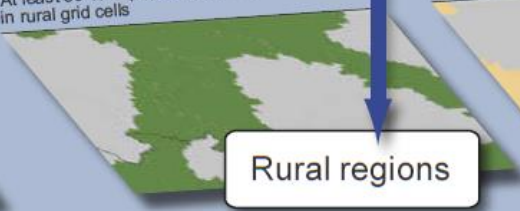
NUTS level 3 regions

Urban/rural typology

A typology of NUTS level 3 regions based on the share of regional population living in rural grid cells and in urban clusters.



At least 50 % of population living in rural grid cells



Rural regions

At least 50 % of population living in urban clusters



Intermediate regions

> 80 % of population living in urban clusters

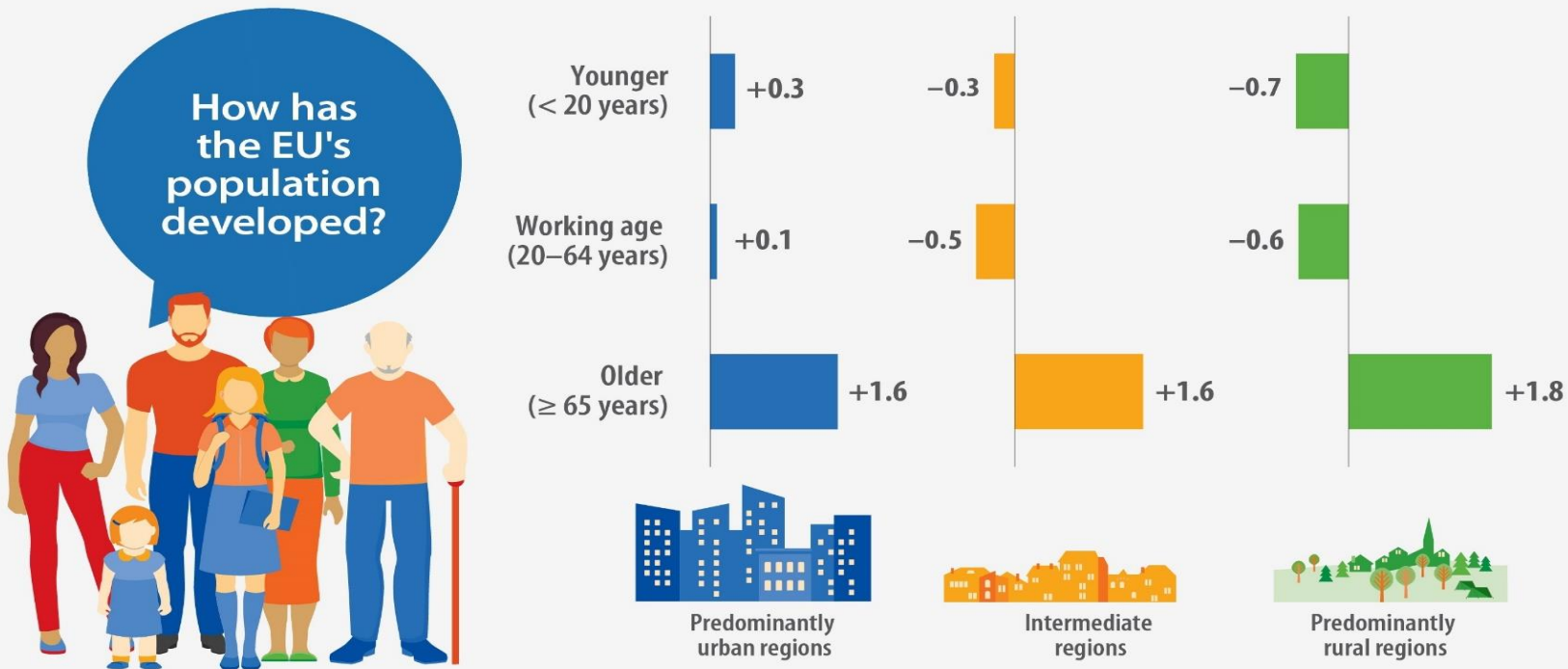


Urban regions

NUTS typologies 2

Average annual population change by age and urban-rural typology in the EU

(2015-2020, %)



NUTS typologies 3

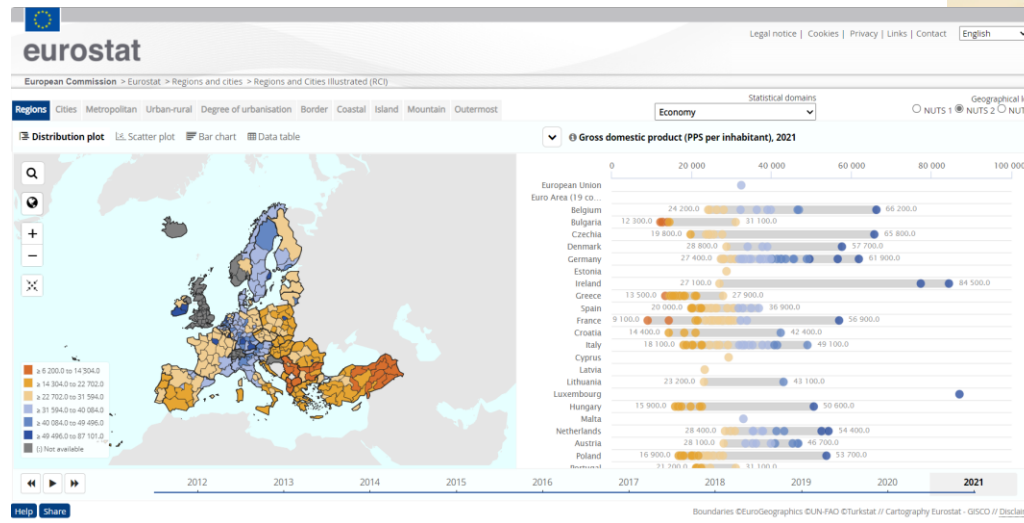
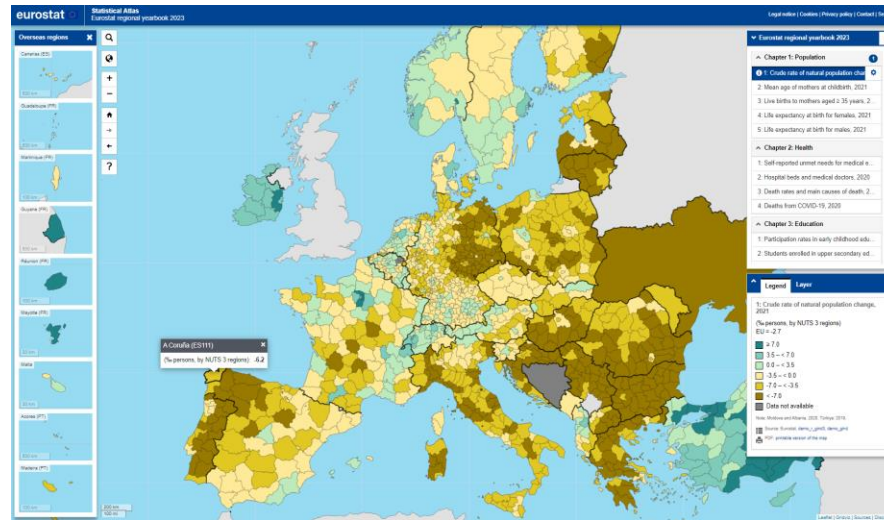
NUTS -3	Frequency	Urban-rural	Metro-politan	Coastal	Mountain	Border	Island
Demography	Annual	X	X	X	X	X	X
Economic accounts	Annual	X	X	X	X	X	X
Labour market	Annual	X	X	X	X	X	X
Patent statistics (historical data)	Annual	X	X	X	X	X	X
Community trade marks	Annual	X	X	X	X	X	X
Community design	Annual	X	X	X	X	X	X
Tourism	Annual			X			
Business demography	Annual	X	X	X	X	X	X
Transport	Annual	X	X	X	X	X	X
Crime statistics	Annual	X	X	X	X	X	X

Dissemination



Regions in Europe

2023 edition



Thank you

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