

Percentage of unemployed people in working age population (2020), Nov. 2021

This metadata refers to the vector dataset showing the percentage of unemployed people at local level in Europe with reference year 2020. Where possible national statistical data on unemployment have been geocoded with Eurostat Local Area Unit (LAU) layer; alternatively, Nomenclature of territorial units for statistics regions (NUTS) or specific regions and district data have been used.

Unemployment status and rate are important indicators of socio-economic status, which in turn affects the vulnerability of the individual or population to climate-related hazards such as heatwaves or flooding. People of lower socio-economic status are more likely to be living in areas exposed to urban heat island or flooding, occupy poor-quality housing or have poor health. They are also less likely to equip their dwellings with property-level overheating or flood-resilience measures compared to wealthier people and may be affected more by increase in prices of water or energy. Therefore, the unemployment rate should be considered as a factor affecting vulnerability of the population in adaptation planning.

Statistical data: The main sources for the tabular dataset are the statistical national institutions. The tabular data for the below countries have been delivered by Eurostat:

- * Belgium
- * Greece
- * Spain
- * Iceland
- * Italy
- * Malta
- * Portugal
- * Romania

Reference geospatial data: The main source for the reference data is Eurostat 2019 Local Area Unit (LAU) data at scale 1:1 000 000 (downloaded on 20/10/2021). Generalized versions are accessible here: <https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data>. Eurostat NUTS 2021 (downloaded on 20/09/2021) at scale 1:1 000 000 or national datasets have been used for the geocoding process where mapping with LAU level was not possible.

For the below countries the spatial information references to other sources than LAU (source links are accessible with data):

- Austria: Country areas covered by LAU 2019, Vienna covered by district areas (Open data Österreich)
- Belgium: NUTS 2021 level 2
- Croatia: NUTS 2021 level 3
- Cyprus: Local districts
- Czechia: Czech administrative boundaries (Geoportal ÚZK)
- Germany: NUTS 2021 level 3
- Estonia: Administrative and Settlement Division (Geoportal Republic of Estonia)
- Greece: NUTS 2021 level 2
- Spain: NUTS 2021 level 2
- Hungary: NUTS 2021 level 3
- Ireland: Admin areas (Ordnance and Survey Ireland)
- Iceland: NUTS 2021 level 2
- Italy: NUTS 2021 level 2
- Liechtenstein: 2021 NUTS level 2
- Malta: NUTS 2021 level 2
- Norway: Municipalities (Statistics Norway)
- Poland: Country covered by LAU 2019, Warszawa city covered by district areas (Service of the Republic of Poland)
- Portugal: NUTS 2021 level 2
- Romania: NUTS 2021 level 2
- Sweden: NUTS 2021 level 3
- Türkiye: NUTS 2021 level 3

Simple

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Date (Publication)	2021-12-01			
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Point of contact	Organisation name	Individual name	Electronic mail address	Website Role
	European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu Point of contact
	European Environment Agency		sdi@eea.europa.eu	Custodian
Maintenance and update frequency	Not planned			
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none">• Population distribution — demography• Statistical units			
Keywords				
Keywords				
GEMET	<ul style="list-style-type: none">• social aspects, population• climate change impact• unemployment• environmental health hazard• population distribution• climate change adaptation			
Continents, countries, sea regions of the world.	<ul style="list-style-type: none">• Norway• Türkiye• EU27 (from 2020)• Switzerland• Iceland• Liechtenstein			
Spatial scope	<ul style="list-style-type: none">• European			
EEA topics	<ul style="list-style-type: none">• Climate adaptation• Environmental health impacts			
Access constraints	Other restrictions			
Other constraints	public access limited according to Article 13(1)(e) of the INSPIRE Directive			
Use constraints	Other restrictions			
Other constraints	Reference- and tabular data originates from several sources with different terms and conditions for usage. Due to the impossibility to redistribute the geometry of this dataset due to intellectual property rights, this dataset is not available for public download.			

Reference geodata:

The geometry of the dataset derived from Eurostat NUTS 2021, LAU and LAU2 2019 dataset at 1:100 000 cannot be re-distributed. Public access to the full data set is not possible due to intellectual property rights. Access to this data set is restricted to the personnel and contractors of the European Commission, its Executive Agencies and EEA. However, the data set can be freely distributed if the spatial resolution is 1:1.000.000 or smaller, or less than 20% of the data relevant to the displayed area is shown. The source and intellectual property have always to be acknowledged. To this end, an acknowledgement as specified below must be visible on any printed or electronic publication using the data. In English, the acknowledgement notice is "Administrative boundaries: © EuroGeographics, © FAO (UN), © TurkStat. Source: European Commission – Eurostat/GISCO". More information in the document "GISCO NUTS 2021 Additional Information.pdf" provided with the dataset.

Terms of use of national reference geodata:

* Austrian Wien city polygons, see: <https://creativecommons.org/licenses/by/4.0/deed.en>

* Cyprus administrative data, see: https://www.data.gov.cy/%CF%83%CF%85%CE%BD%CE%AE%CE%B8%CE%B5%CE%B9%CF%82-%CE%B5%CF%81%CF%89%CF%84%CE%AE%CF%83%CE%B5%CE%B9%CF%82?language=el#usage_license

* Czech administrative boundaries: [https://geoportal.cuzk.cz/\(S\(xru2wyncg4cspnziajbgxmbg\)\)/Default.aspx?mode=TextMeta&text=prohlaseni&side=about](https://geoportal.cuzk.cz/(S(xru2wyncg4cspnziajbgxmbg))/Default.aspx?mode=TextMeta&text=prohlaseni&side=about)

* Estonian administrative level data: <https://www.riigiteataja.ee/en/eli/ee/511112013008/consolide/current>

* Irish administrative areas, see: <https://creativecommons.org/licenses/by/4.0/>

* Norwegian kommune polygons, see: <https://www.ssb.no/diverse/lisens>

* Polish Warszawa city districts, see: <https://www.gov.pl/web/gov/prawa-autorskie> and further elaboration at: <http://rychlicki.net/en/issue/polish-law/polish-act-on-authors-rights-and-neighbouring-rights/>

Terms of use statistical data:

A list containing the national statistic organisations and links for terms and condition for usage of data is accessible together with data.

Spatial representation type	Vector
Denominator	100000
Language of dataset	English
Topic category	<ul style="list-style-type: none">• Environment• Society

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Begin date	2019-01-01
End date	2020-12-31
Coordinate reference system identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • SHP ()

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>The geocoding of the tabular data on unemployment with reference data was made using FME. The objective was to read each location /region from Excel files, match them with the appropriate geographic level to obtain the corresponding polygon and build the final shapefiles.</p> <p>Before starting the development of the FME process, the related geographical files, such as LAU 2 and NUTS levels, had to be obtained from official sources. The LAU data (ref-lau-2019-01m.gdb) was downloaded from https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/lau the 20/10/2021. The NUTS reference dataset ref-nuts-2021-01m.gdb was downloaded from https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/nuts the 20/09/20 21.</p> <p>However, as development progressed, some countries needed other geographic information levels.</p> <p>Below the geographical reference data used for each country:</p> <p>LAU: Austria, Bulgaria, Denmark, Finland, France, Luxembourg, Lithuania, Latvia, Netherlands, Poland, Switzerland, Slovenia, Slovakia</p> <p>NUTS: Belgium, Croatia, Germany, Greece, Spain, Hungary, Iceland, Italy, Malta, Portugal, Romania, Sweden, Türkiye</p> <p>KOMMUNER: Norway</p> <p>DISTRICT: Austria (Wien), Poland (Warszawa)</p> <p>Once obtained the geographic data, the development of the FME processes started. Three main approaches were followed to match locations with their related polygon. Mainly, it followed three approaches to match the locations with their related polygon:</p> <ol style="list-style-type: none"> 1. By level code. 2. By level name if level code was wrong or did not exist.
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3. If level code or name did not match, a search for patterns that could explain the relationship between the fields was carried out, or even manual matching was performed.

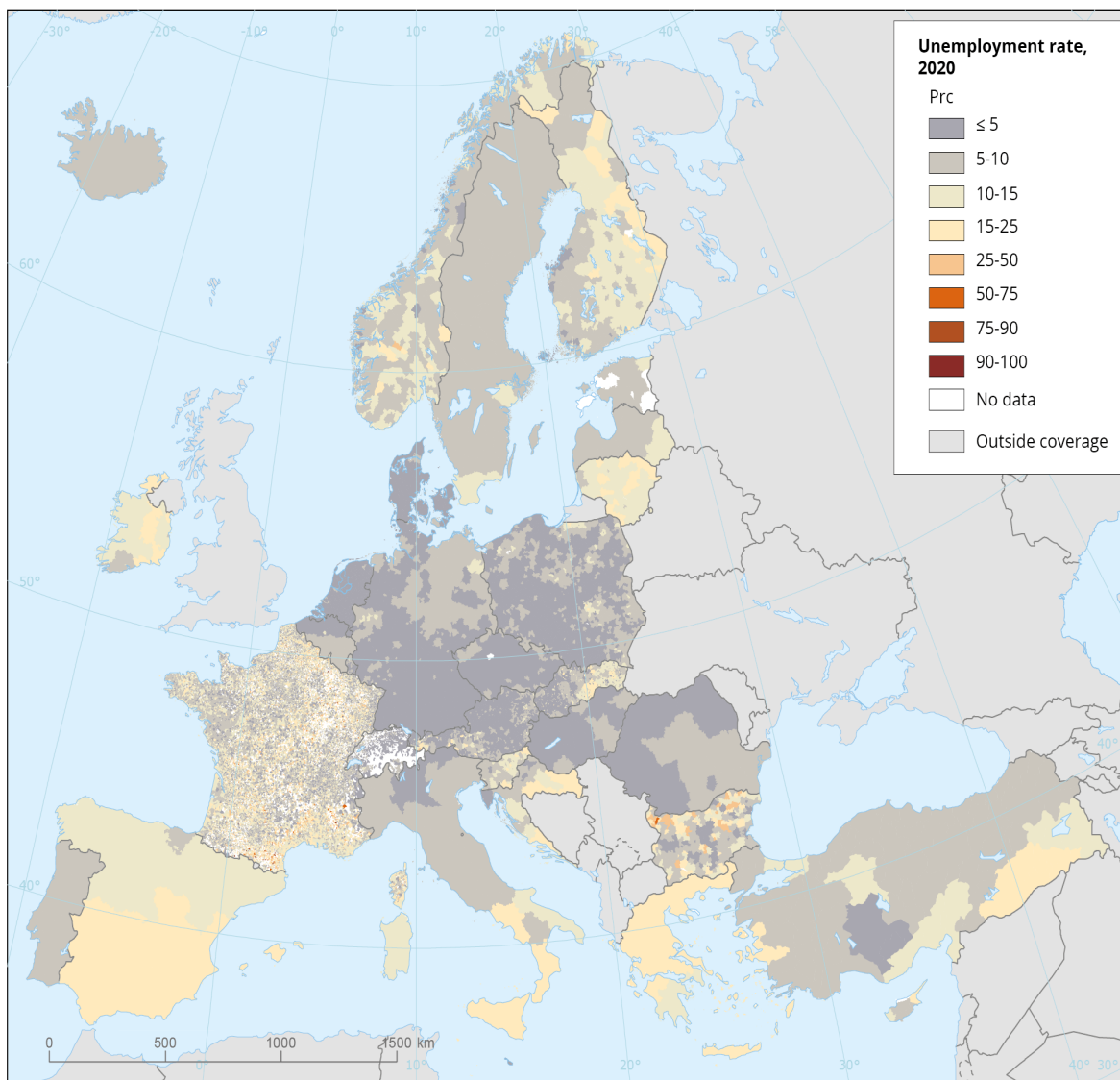
Detailed description of the geocoding processes can be accessed and downloaded with the data files.

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Metadata

File identifier	018a767a-9b66-401d-9d46-898648a928b6 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-09-06T09:42:44.881Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail addressWebsite Role
	European Environment Agency		sdi@eea.europa.euPoint of contact

Overviews



Reference data: ©ESRI

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