



Wyższa Szkoła Handlowa
we Wrocławiu
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Statistic data – how to gather and use statistic information

dr Marta Drozdowska

European statistic regions

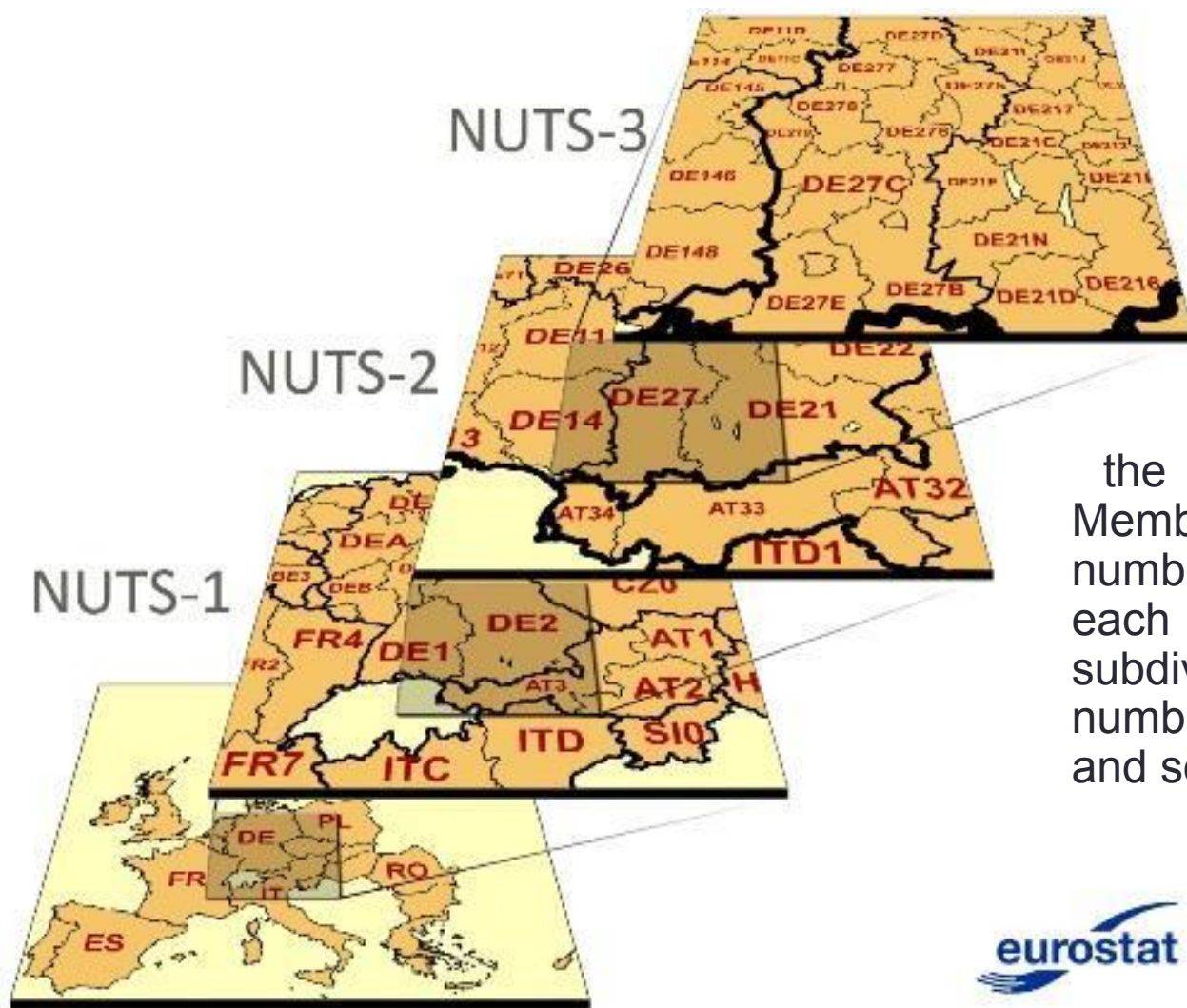
NUTS

- http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_CLS_DL&StrNom=NUTS_33&StrLanguageCode=EN

LAU

- http://epp.eurostat.ec.europa.eu/portal/page/portal/nuts_nomenclature/local_administrative_units

The NUTS is a three-level hierarchical classification



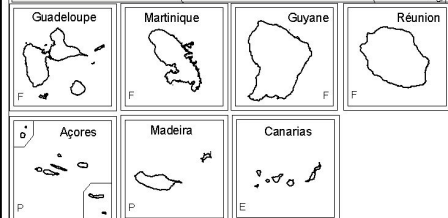
the NUTS subdivides each Member State into a whole number of NUTS 1 regions, each of which is in turn subdivided into a whole number of NUTS 2 regions and so on.

NUTS

Nomenclature of Units for Territorial Statistics

- It is a **geocode standard** for referencing the subdivisions of countries **for statistical purposes**.
- The standard is **developed and regulated by the European Union**, and thus **only covers the member states of the EU in detail**.
- For each EU member country, **a hierarchy of three NUTS levels is established by Eurostat**; the subdivisions in some levels do not necessarily correspond to administrative divisions within the country

THE EUROPEAN UNION - National level

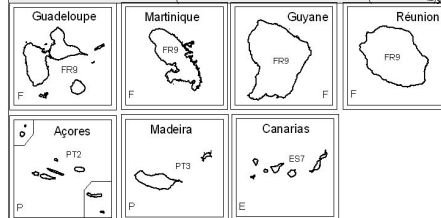


LEGEND

— National level



THE EUROPEAN UNION - NUTS level 1



LEGEND

— National level




— NUTS level 1



POLSKA - NUTS level 2



LEGEND

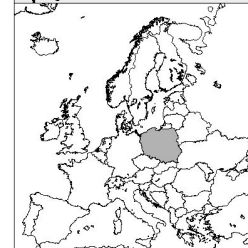
-  National level
-  NUTS level 1
-  NUTS level 2

© EuroGeographics Association for the administrative boundaries
Cartography: Eurostat - GISCO, 2007





0 125 km



POLSKA - NUTS level 3



LEGEND

-  National level
-  NUTS level 1
-  NUTS level 2
-  NUTS level 3

© EuroGeographics Association for the administrative boundaries
Cartography: Eurostat - GISCO, 2007

0 125 km



LAU

local administrative

unit

- are the basic components of **NUTS** regions.
- is a low level administrative division of a **country**, ranked below a province, region, or state.

GUS

Central Statistical Office of Poland

- <http://stat.gov.pl/obszary-tematyczne/kultura-turystyka-sport/turystyka/turystyka-w-2014-r-,1,12.html>
- Explanation of methodology page 23 – 31

EUROSTAT

<http://ec.europa.eu/eurostat/>

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with the European Commission logo and the text "eurostat Your key to European statistics". Below this, there is a search bar and a "Sign In | Register" link. The main content area is divided into several sections: "News", "Data", "Publications", "About Eurostat", and "Help". The "Data" section is currently expanded, showing a list of options: Database, Browse statistics by theme, Statistics A - Z, Population Census 2011, Bulk download, Web Services, Access to microdata, GISCO: Geographical Information and maps, Metadata, Statistical Data and Metadata eXchange (SDMX), and Data validation. The "About Eurostat" section features three main categories: "Most popular tables", "Complete database", and "Apps & Tools". Below this, there is a "Key figures" section with a table of data for 2014, EU. The table shows: Government gross debt at 86.8%, Government deficit & surplus at -3%, Government expenditure at 48.2%, and GDP growth rate at 1.4%. A line graph is partially visible below the table. The browser's address bar shows "ec.europa.eu/eurostat/". The Windows taskbar at the bottom displays the system tray with the date "14:39 2015-10-27" and the language "PL".

Sign In | Register

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

European Commission > Eurostat > Home

News | Data | Publications | About Eurostat | Help

LATEST NEWS RELEASES

Release calendar

LOOKING FOR INFORMATION ON A...

General and regional

my and finance

Population and social conditions

DATA

Most popular tables | Complete database | Apps & Tools

Key figures

Government gross debt	Government deficit & surplus	Government expenditure	GDP growth rate
2014, EU 86.8%	2014, EU -3%	2014, EU 48.2%	2014, EU 1.4%

100
90

ec.europa.eu/eurostat/data/statistics-a-z

kts_turystyka_w_201...pdf | EU-28_2014.xlsx

Pokaż wszystkie pobrane pliki...

14:39 2015-10-27

[A-B-C](#) | [D-E-F](#) | [G-H-I-J](#) | [K-L-M-N](#) | [O-P-Q-R](#) | [S-T-U-V](#) | [W-X-Y-Z](#)

- 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

- ▶ Salaries
- ▶ Science, technology and innovation
- ▶ Sector accounts
- ▶ Short-term business statistics (STS)
- ▶ SILC Survey
- ▶ Small and medium-sized enterprises (SMEs)
- ▶ Social inclusion and living conditions
- ▶ Social protection (ESSPROS)
- ▶ Sport
- ▶ Strikes (source: ILO)
- ▶ Structural Business Statistics (SBS)
- ▶ Students
- ▶ Sustainable Development Indicators

- ▶ Tax rate indicators
- ▶ Telecommunication
- ▶ Temporary employment
- ▶ **Tourism**
- ▶ Trade in goods
- ▶ Trade in services
- ▶ Training
- ▶ Transport

- ▶ Unemployment
- ▶ Urban Audit

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 **Sign In | Register**

eurostat

Your key to European statistics

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

European Commission > Eurostat > Tourism > Data > Main tables

News Data Publications About Eurostat Help

TOURISM **MAIN TABLES**

- Statistics illustrated
- Overview
- Data
 - MAIN TABLES Database** >
- Other sources of tourism statistics
- Methodology
 - Manuals and Guidelines
 - Projects and studies
- Legislation

MAIN TABLES

- Tourism (t_tour)
 - Monthly data on tourism industries (t_tour_indm)
 - Annual data on tourism industries (t_tour_inda)
 - Annual data on trips of EU residents (t_tour_dem)



eurostat

Your key to European statistics

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

European Commission > Eurostat > Tourism > Data > Main tables

News Data Publications About Eurostat Help

TOURISM

- Statistics illustrated
- Overview
- Data
 - MAIN TABLES**
 - Database
 - Other sources of tourism statistics
- Methodology
 - Manuals and Guidelines
 - Projects and studies
- Legislation
- Publications
- Links

MAIN TABLES

- Tourism (t_tour)
 - Monthly data on tourism industries (t_tour_indm)
 - Annual data on tourism industries (t_tour_inda)
 - Occupancy of tourist accommodation establishments (t_tour_occ)
 - Capacity of tourist accommodation establishments (t_tour_cap)
 - ZIP Number of establishments and bed-places (tin00181)**
 - ZIP Number of bed-places by NUTS 2 regions (tgs00112)
 - ZIP Number of bed-places by degree of urbanisation (from 2012 onwards) (tin00183)
 - ZIP Number of bed-places by degree of urbanisation (from 2012 onwards) (tin00184)
 - Annual data on trips of EU residents (t_tour_dem)

News: News releases, Release calendar
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





Table Graph Map

more data in the source dataset

Number of establishments and bed-places

A tourist accommodation establishment is defined as any facility that regularly or ... [more](#)

indic_to Number of establishments

Flags Codes Labels Codes & Labels 1,234,56 1,234,56 1,234,56

geo	time	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
EU (28 countries)		39,073	409,965	406,610	424,193	424,661	441,578	475,290	480,849	474,299	547,425 ^e	562,608 ^e	:
EU (27 countries)		17,732	408,500	405,080	422,550	422,850	439,593	473,202	478,732	472,110	489,617 ^e	500,582 ^e	:
Euro area (18 countries)		:	:	:	:	:	:	:	:	:	:	:	:
Euro area (17 countries)		:	:	:	:	:	:	:	:	:	:	:	:
Belgium		1,518	3,412	3,360	3,384	3,426	3,536	3,528	3,546	3,506	4,888	5,005	5,141
Bulgaria		1,059	1,306	1,555	1,844	2,018	2,128	2,250	2,272	2,321	2,758	2,953	3,163
Czech Republic		7,926	7,640	7,605	7,616	7,845	7,705	7,557	7,235	7,657	10,057 ^b	9,970	9,013
Denmark		1,101	1,103	1,090	1,076	1,075	1,058	1,056	1,066	1,119	1,109	1,102	1,118
Germany		5,119	55,278	55,331	54,797	53,758	53,959	53,179	53,532	53,164	52,401	51,652	50,925
Estonia		543	609	784	951	984	1,048	1,091	1,141	1,158	1,238	1,320	1,419
Ireland		1,971	8,787	8,865	9,101	8,977	9,430	8,474	7,917	7,113	8,098 ^b	7,469	6,574
Greece		1,022	9,230	9,377	9,444	9,531	9,706	28,497	28,708	27,892	28,005 ^e	33,986	:

: =not available e=estimated b=break in time series u=low reliability

Source of Data: Eurostat



Eurostat - Data Explorer - Google Chrome

appsso.eurostat.ec.europa.eu/nui/setupModifyTableLayout.do

Number of establishments, bedrooms and bed-places[tour_cap_nat]

Last update: 17-09-2015

Interactive extraction size limit: 750000

Current extraction size: 300

Dimension selection: 1/38

Update

Update

GEO | INDIC_TO | NACE_R2 | TIME | UNIT

View

Sorting Sort Ascending Sort Descending Sort Protocol Order

Show Codes Labels Both

Filtering

Filtering type: Text Code range Pattern Nuts level

Search in: Codes Labels Both

Search Show all

Select all	Code	Label
<input type="checkbox"/>	HU	Hungary
<input type="checkbox"/>	MT	Malta
<input type="checkbox"/>	NL	Netherlands
<input type="checkbox"/>	AT	Austria
<input checked="" type="checkbox"/>	PL	Poland
<input type="checkbox"/>	PT	Portugal
<input type="checkbox"/>	RO	Romania
<input type="checkbox"/>	SI	Slovenia
<input type="checkbox"/>	SK	Slovakia
<input type="checkbox"/>	FI	Finland

WIS Główny Urząd Statystyczny

Important legal notice

v3.1.10-20150929-5608-PROD_EUROBASE
DATA-EXPLORER_PRODmanaged24

Explanatory texts (metadata) Information Download Preview Bookmark Demo Help Login

[tour_cap_nat]

Tourism indicator

Number of establishments

and other short-stay accommodation; camping grounds

	2009	2010	2011	2012	2013	2014
441,578	475,290	480,849	474,299	547,425 ^(e)	562,608 ^(e)	:
dimension modification dialog open						
Please close the modify selection dialog or click update.						
			472,110	489,617 ^(e)	500,582 ^(e)	:
			3,506	4,888	5,005	5,141
			2,321	2,758	2,953	3,163
			7,657	10,057 ^(b)	9,970	9,013
			1,119	1,109	1,102	1,118
			53,164	52,401	51,652	50,925
1,048	1,091	1,141	1,158	1,238	1,320	1,419
9,430	8,474	7,917	7,113	8,098 ^(b)	7,469	6,574
9,706	28,497	28,708	27,892	28,005 ^(e)	33,986	:
39,002	40,754	41,953	44,397	45,740	46,488	47,689
28,667	28,851	28,586	28,486	28,480	28,246	28,895
1,985	2,088	2,117	2,189	57,808 ^(b)	62,026	67,724
140,263	145,358	150,315	153,723	157,228	157,521	158,412
869	855	839	824	802	795	802
491	559	628	641	632 ^(b)	628	644
542	556	553	538	1,637 ^(b)	1,837	2,062

Special value: : not available

Source of data: Eurostat



Number of establishments, bedrooms and bed-places

Last update: 17-09-2015

[tour_cap_nat]

Table Customization [show](#)

TIME	GEO	Tourism indicator
+ Unit of measure	+ NACE_R2	Number of bed-places
Number	Hotels; holiday and other short-stay accommodation; camping grounds	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Poland	569,896	574,612	582,105	596,998	606,501	610,111	606,246	675,433	679,445	694,023

Special value:
: not available

Source of data: Eurostat



eurostat

Table Graph Map

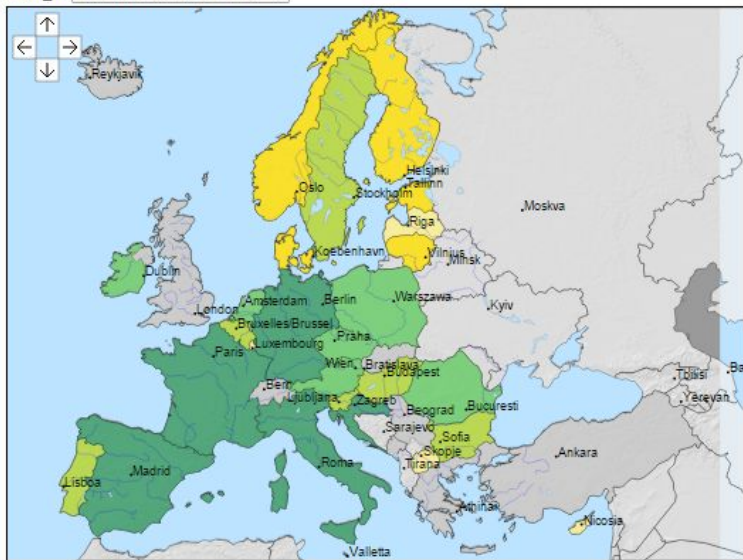


Number of establishments and bed-places

A tourist accommodation establishment is defined as any facility that regularly or ... [more](#)

Code: tin00181

indic_to Number of establishments



Click on map to:
 Recenter Zoom In/Recenter Zoom Out/Recenter

© EuroGeographics Association for the administrative boundaries

Hide toolbox

Types Data Classes Layers

Map Type

Coloured Map
 Symbol Map by size

Colour with: black

Symbol Map by color

Comparison

No Comparison
 Compare with geo: EU (28 countries)
 Compare with time: 2014
 Compare with value

Refresh

Data for 2014

Legend	Cases
86 to 802	6
802 to 2,707	6
2,707 to 5,141	6



Navigation menu with icons for: Basic data, Latest statistical news, Publications, Regional Statistics, National statistics, Knowledge Databases, STRATEG, Geostatistics portal, SDDS, REGON, TERYT, INTRASTAT.

- ▼ Databases
 - Local Data Bank
 - Analytical Platform - SWAiD - Knowledge Databases
 - SDDS
- Topics
 - Poland macroeconomic indicators
 - Journals
- ▼ Metainformations
 - Glossary

- News
- 27.10.2015 Culture in 2014
 - 27.10.2015 Social assistance, child and family services in 2014
 - 27.10.2015 Accidents at work in 2014
 - 26.10.2015 Sustainable Development Indicators for Poland 2015
 - 26.10.2015





Main page > Regional Statistics

- Regional Statistics
 - Classification of Territorial Units
 - Regional surveys
 - Nomenclature NTS
 - Publications and studies
 - Rankings
 - Databases**
 - Topics Databases
 - Poland macroeconomic indicators
 - Journals
 - Metainformations
 - Infographics and widgets
 - Questions and orders

Regional Statistics

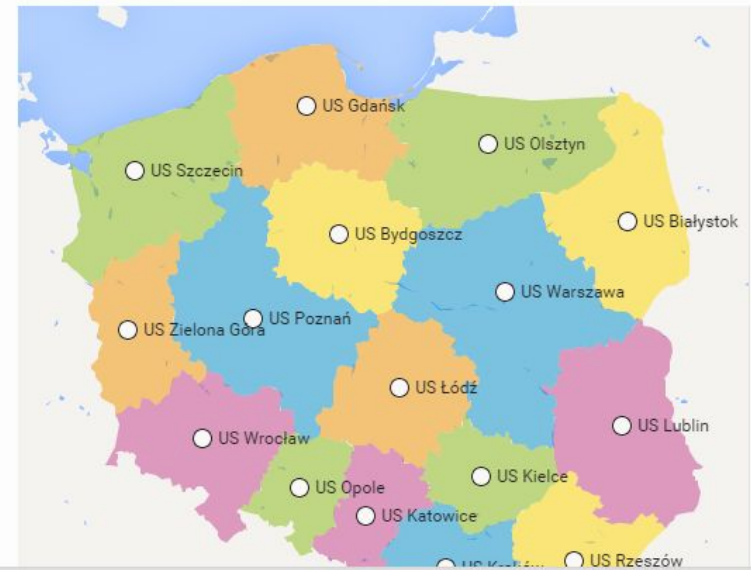
Print PDF A A A QR

National level

- Regional and Environmental Surveys Department - coordinator of regional surveys
- Selected specialization centers

Regional level

- Statistical Offices (choose from the map)
- Voivodship Centers for Regional Surveys



- Selected variables in years
- Territorial units rank
- By Eurostat typology
- By OECD typology

Statistical locations

- Data by variables subgroup
- All data for the location
- Vademecum for local authorities

New NTS layout (72 subregions)

- Data by variables subgroup
- Polska, regions, voivodeships, subregions, powiats
- Territorial units in voivodeship
- Supply state
- Variable update state

Charts

- Territorial units comparison
- Variable changes in years

Modules

- Territorial portrait
- Sustainable Development Indicators (SDI)

We would like to kindly inform you that you can submit comments regarding the content and the system of data dissemination of the Local Data Bank using the questionnaire.
YOU ARE WELCOME TO FILL IT!
<http://www.stat.gov.pl/bdlen/app/ankieta.indeks>

- #### Data yearly:
- HIGHER EDUCATION
 - HOUSING ECONOMY AND MUNICIPAL INFRASTRUCTURE
 - INDUSTRY AND CONSTRUCTION
 - INVESTMENTS AND FIXED ASSETS
 - LABOUR MARKET
 - LOCAL GOVERNMENT
 - NATIONAL CENSUS
 - NON-PROFIT SECTOR
 - ORGANIZATION OF THE STATE AND JUSTICE
 - PHYSICAL EDUCATION, SPORT AND RECREATION
 - POPULATION
 - PRE-SCHOOL EDUCATION
 - PRICES
 - PRIMARY, LOWER SECONDARY, POST-PRIMARY EDUCATION
 - PUBLIC FINANCE
 - REGIONAL ACCOUNTS
 - SCIENCE AND TECHNOLOGY
 - TERRITORIAL DIVISION
 - TOURISM**
 - TRADE AND CATERING
 - TRANSPORT AND COMMUNICATION
 - WAGES AND SALARIES AND SOCIAL SECURITY

- #### Short-term data (monthly, quarterly):
- AGRICULTURE, FORESTRY AND HUNTING
 - ENTITIES OF THE ECONOMY ENTERED
 - EUROPEAN FUNDS 2007-2013
 - FINANCES OF ENTERPRISES
 - INDUSTRY AND CONSTRUCTION
 - INVESTMENTS AND FIXED ASSETS
 - LABOUR MARKET
 - POPULATION
 - PRICES
 - TOURISM
 - TRANSPORT AND COMMUNICATION
 - WAGES AND SALARIES AND SOCIAL SECURITY

News

- Supply state for 2010-2011
- Variable update state

News

- Informations
- New data
- Data not continued
- New features

Metadata

Metadata details you can find [here](#).

Archive

- Hermin
- POPULATION 2010 - archive

Task 1

- Please explain the clue of Eurostat coding of LAU2 units below:
 - PL113 Miasto Łódź
 - PL 12A Izabelin
 - PL 214 Lipnica Murowana
 - PL 514 Miasto Wrocław
 - PL 621 Frombork

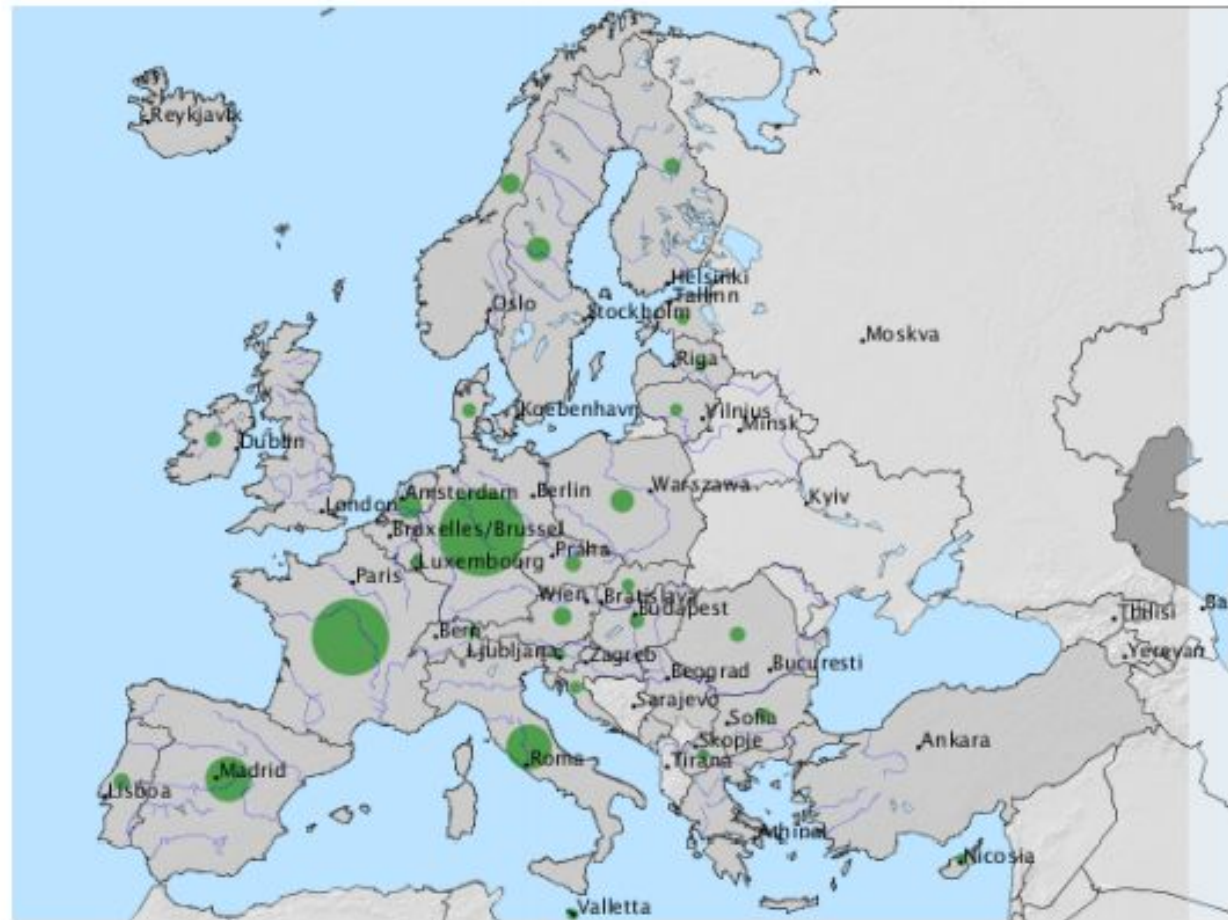
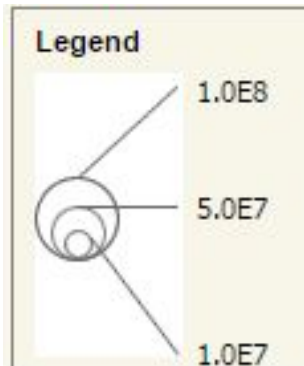
Task 2

Please create exactly the same map

Arrivals of residents/non-residents at tourist accommodation establishments

2014

Arrivals of residents



Task 3

Please create exactly the table

Number of airports (with more than 15,000 passenger movements per year)

[avia_if_arp]

Last update: 28.04.15

Source of data: Eurostat

AIRP_TYP: Total

TIME	2005	2006	2007	2008	2009	2010	2011	2012	2013
GEO									
Poland	10	9	10	10	10	10	10	10	10

Available flags:

b break in time series

e estimated

n not significant

s Eurostat estimate (phased out)

c confidential

f forecast

p provisional

u low reliability

d definition differs, see metadata

l see metadata (phased out)

r revised

z not applicable

Special value:

: not available

Task 4

Please create exactly the table

Territorial unit	with a conference rooms	number of conference rooms	number of seats in conference rooms	with a loud-speaker	with cordless microphone	with a slide projector	with a video set	with technic handling
	2013	2013	2013	2013	2013	2013	2013	2013
	facilities	pcs	seat	facilities	facilities	facilities	facilities	facilities
Powiat m.Wrocław	42	171	9436	34	33	35	26	32