

Demographic Data Dissemination

Statistics Poland practices and recommendations
for data and metadata dissemination in the DYB system

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Dissemination tools

<https://stat.gov.pl/en/>

The screenshot displays the Statistics Poland website interface. At the top, there is a navigation bar with links for 'Statistical Offices', 'BIP', 'Contact', 'Press bureau', and 'Contrast'. Below this is the 'Statistics Poland' logo and the title 'National Census of Population and Housing 2021'. A row of icons represents different tools: 'Basic data', 'Latest statistical news', 'Publications', 'Local Data Bank', 'Macroeconomic Data Bank', 'SDG', 'Knowledge Databases', 'STRATEG', 'Geostatistics portal', 'API Portal', 'TERYT', and 'REGON'. The 'Local Data Bank' and 'Geostatistics portal' icons are circled in red. On the left, a sidebar menu lists categories like 'Statistics related to COVID-19', 'Databases', 'Poland macroeconomic indicators', 'Journals', 'International Statistics', 'Regional Statistics', 'Experimental Statistics', 'Statistical education', 'Events', 'Statistical Offices', 'INTRASTAT', 'Development Cooperation', 'Metainformation', 'Information Searching System', 'Infographics and widgets', and 'Links'. The 'Databases' link is circled in red. The main content area features a 'News' section with articles such as 'World Statistics Day', 'API SDG now available!', 'Poland on the way to SDGs', 'Changes in the organization of Statistics', 'EMOS - European Master in Official Statistics', 'Statistical Bulletin No 9/2020', 'Socio-economic situation of the country in September 2020', 'Flash estimate of the consumer price index in October 2020', 'Labour force survey in Poland II quarter 2020', and 'Higher education and its finances in 2019'. A large banner for 'WORLD STATISTICS DAY 20.10.2020' is also visible. Below the banner, there are charts for 'CPI', 'GDP', and 'Unemployment rate' from January to December, and a 'Release Calendar' for November 2020. The 'Release Calendar' is circled in red.

Calendar

an useful information about upcoming publications and latest updates

Release calendar (<https://stat.gov.pl/>)

The screenshot shows a 'Release Calendar' for November 2020. The calendar is a grid with days of the week as columns and dates as rows. The 5th of November is highlighted with a white border. A 'Display yearly calendar' button is located at the bottom.

Release Calendar						
November 2020						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

Display yearly calendar

Latest updates (<https://strateg.stat.gov.pl/#/>)

The screenshot shows a 'Recently added' calendar for October 2020. The calendar is a grid with days of the week as columns and dates as rows. The 5th and 28th of October are highlighted in orange.

Recently added						
October 2020						
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
01	02	03	04	05	06	07

Data as of 29th October, 2020 User: Guest

Statistics Poland | BDL DATA METADATA API ARCHIVE HELP

Search variables

Data supply state


Data for year 2020 (short-term data)
Data for year 2019
Data for year 2018
Messages

Questionnaire

We invite you to [complete the questionnaire](#). Your opinion is very important to us!


Last updated subgroups
Popular subgroups
Downloaded subgroups
Links

Data by areas




Annual and short-term thematic data for many territorial units(administrative and statistical). Information can be presented in tables and graphs.

Data for territorial division unit



Data for selected administrative unit (locality, gmina, powiat, voivodship or the entire Poland) or statistical unit (subregion, region, macroregion) from multiple subject area.

API interface



Access to the data through the REST API in Json and Xml format. The BDL API was implemented as part of a project "[Open data - access, standard, education](#)", whose leader is the Ministry of Digitization. The project is co-financed from the European Union funds from the Operational Program Digital Poland.

- LOCAL DATA BANK is Poland's largest database of the various domains. LDB offers more than 40 thous. statistical features grouped thematically. The first data is from 1995.
- Data and statistical indicators describe all territorial division units of Poland.
- Information resources (annual and short-term statistics) are constantly supplemented and updated.
- Two ways to search for data: by areas and by territorial division units

Local Data Bank – demographic statistics

Data by domains

- ▶ 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
 - ▶ BIRTHS AND DEATHS
 - ▶ INTERNAL AND FOREIGN MIGRATIONS
 - ▶ MARRIAGES, DIVORCES AND SEPARATIONS
 - ▼ POPULATION
 - Demographic dependency ratio
 - Femininity ratio
 - Life expectancy
 - Median age of population by sex
 - Median age of population by sex divided into urban and rural areas
 - Population at pre-working (up to the age of 14), working and post-working age by sex
 - Population at pre-working (up to the age of 17), working and post-working age by sex
 - Population at pre-working (up to the age of 17), working and post-working age divided into urban and rural areas
 - Population by functionality age groups and sex divided into urban and rural areas
 - Population by place of residence and sex divided into urban and rural areas
 - Population by sex (half-yearly data)

→ Next

Basic metadata

Category
POPULATION (K3)

Group
POPULATION (G7)

Subgroup
Demographic dependency ratio (P2426)

Years
2002-2019

Data accessibility level
Gminas

Last update
09/06/2020

Category description ▼

Group description ▼

Subgroup description ▲

-

Metadata Metric

Local Data Bank – downloading data

Data as of 29th October, 2020



DATA ▾ METADATA ▾ API ARCHIVE ▾ HELP ▾

Start / Data by domains / Dimensions / Territorial units / Table

Category K3 [POPULATION](#) ⓘ
Group G7 [POPULATION](#) ⓘ
Subgroup P2426 [Demographic dependency ratio](#) ⓘ ⓘ
Dimensions Indicators ⓘ; Years
Last update 09/06/2020

Table Chart Map

Territorial units selection Aggregates Code Empty Export ▾ Annotations Search in table 🔍

- XLS – multidimensional table
- XLS – relational table (zip)
- XLS – pivot table
- CSV – multidimensional table
- CSV – relational table (zip)

Territorial unit ▲

POLAND

DOLNOŚLĄSKIE

Powiat bolesławiecki

Geostatistics portal

<https://geo.stat.gov.pl/en/>

The screenshot shows the Geostatistics Portal website. At the top left is the logo with the text "GEOSTATISTICS PORTAL". To the right are navigation icons for font size, accessibility, and language. Below the logo is a search bar. A dark blue navigation bar contains links: Start, About portal, News, INSPIRE, GRANTS, Events, FAQ, and Contact. The main content area features a diagram with a smartphone and text: "APLIKACJA MOBILNA", "NOWA FORMA KOMUNIKACJI", "BEZPOŚREDNI DOSTĘP", and "W KAŻDYM MIEJSCU I CZASIE". Below this, there are two highlighted boxes: "MAPS" (highlighted with a red border) and "USER MANUAL". To the right of these boxes is a paragraph of text and a list of features.

APLIKACJA MOBILNA
NOWA FORMA KOMUNIKACJI
BEZPOŚREDNI DOSTĘP
W KAŻDYM MIEJSCU I CZASIE

MAPS

USER MANUAL

Geostatistics Portal is a modern solution for the cartographic presentation of data obtained in censuses, namely the Agricultural Census 2010 (PSR 2010) and the Population and Housing Census 2011 (NSP 2011) and also from the Local Data Bank.

It is designed to:

- collect,
- present,
- provide information to a wide audience, including public administration, entrepreneurs, individual users and research institutions.

This comprehensive solution is tailored to European standards, and all data, by way of processing, is presented in a depersonalised form, preserving statistical confidentiality.

Geostatistics portal – maps

The screenshot displays the Geostatistics Portal interface. On the left, there is a sidebar with a 'Thematic Map' section containing a 'Data Bank' dropdown menu (set to 'Local Data Bank'), a 'Themes filter' input field, and a list of thematic categories such as 'AGRICULTURAL CENSUS', 'ENVIRONMENTAL PROTECTION', and 'POPULATION'. The main area shows a map of Poland with regional labels like 'pomorskie', 'zachodniopomorskie', 'północny', and 'północno-zachodni'. A 'Modules' window is overlaid on the map, featuring two icons: a 3D map icon labeled 'Geostatistical Data Browser' and a 3D grid icon labeled 'Kilometre grid presentations'. Two red arrows originate from text labels at the bottom of the image and point to these two module options.

Geostatistical Data Browser

Kilometre grid presentation

Grid

User request for data presented according to very detailed aggregation levels and the emerging Regulation on European statistics on population



Collecting data using administrative sources



Collecting and sharing basic demographic data at the kilometer grid level (GRID)

Geostatistics portal – final map

Selecting data

GEOSTATISTICS PORTAL

MENU TOOLS

Dynamic map co... ? ? ? ?

Thematic pheno... ? ? ? ?

Thematic Map ? ? ? ?

Data Bank
Local Data Bank

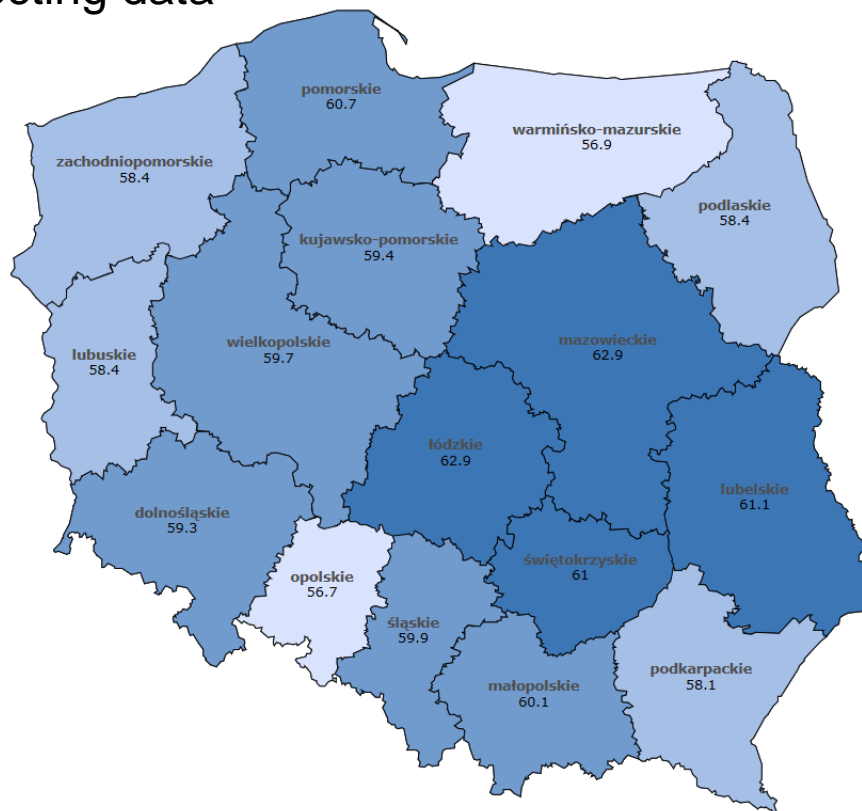
Themes filter
Enter at least 3 characters Apply

POPULATION

- ARCHIVAL DATA
- BIRTHS AND DEATHS
- INTERNAL AND FOREIGN MIGRATIONS
- MARRIAGES, DIVORCES AND SEPARATIONS
- POPULATION
 - Demographic dependency ratio**
 - Femininity ratio
 - Life expectancy
 - Population at pre-working (up to the age of 14), working and post-working age by sex
 - Population at pre-working (up to the age of 17), working and post-working age by place of residence
 - Population at pre-working (up to the age of 17), working and post-working age by sex
 - Population by domicile/residence and sex
 - Population by functionality age groups, sex and territorial location
 - Population by residence (quarterly data)
 - Population by sex (quarterly data)
 - Population by sex and age group
 - Population by singular age and sex
 - Population by singular age and sex (half-yearly data)
 - Population by territorial location - municipalities without cities with poviat status and cities with

Queries creation ? ? ? ?

Queries list ? ? ? ?



Edition of the map parameters

Choropleth map ? ? ? ?

Dimensions:
Data coverage: non-working age population per 100 persons of working age

Time: Year: 2015

Unit of territorial division: Voivodship

Number of classes: 4

Classification method: Standard deviation

Color scale: blue

Visible layers:

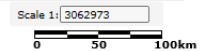
- labels
- boundaries
- Divide municipalities to urban and rural area
- Choropleth map for selected objects only
- Show neighboring units
- Show values as labels

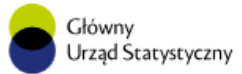
Statistics Graph Apply

Legend ? ? ? ?

non-working age population per 100 persons of working age

- 61 - 63
- 59 - 61
- 57 - 59
- 56 - 57





Baza Demografia

Strona główna Tablice wynikowe ✘ Generowanie zestawień Platforma Analityczna SWAiD ✘ Metadane ✘ Dodatkowe informacje

- Database only in polish
- Covers years: 2002-2020;

Includes data on:

- Births
- Deaths
- Marriages
- Separations
- Migrations
- Life expectancy

The screenshot shows a web interface for selecting data. At the top, there is a search bar labeled 'Szukaj:' with a dropdown arrow. Below it is a tree view under the heading 'Wybierz zakres danych'. The tree structure is as follows:

- I. STAN I STRUKTURA LUDNOŚCI
 - Ludność
 - 2020
 - 2019
 - Tablice bilansowe - Stan, ruch naturalny oraz migracje ludności
 - Ludność stan w dniu 30 VI
 - Ludność stan w dniu 31 XII
 - 01 - Ludność według płci i województw
 - 02 - Ludność według płci, makroregionów, regionów i podregionów
 - 03 - Ludność według płci i powiatów
 - 04 - Ludność według płci i roku urodzenia
 - 05 - Ludność według płci, wieku, województw i powiatów
 - Ogólnopolskie
 - 06 - Ludność według płci, wieku, regionów i podregionów
 - 07 - Powiaty według liczby mieszkańców oraz województw
 - 08 - Miasta według liczby mieszkańców oraz województw
 - 09 - Ludność według płci i miast
 - 10 - Gminy według liczby ludności oraz województw
 - 11 - Ludność wiejska według płci i gmin
 - 12 - Ludność według płci i wieku w wybranych miastach
 - 13 - Ludność miejska według płci i wieku
 - 14 - Ludność wiejska według płci i wieku
 - 15 - Ludność według skumulowanych roczników wieku
 - 17 - Ludność według płci, wieku i województw
 - 18 - Ludność według płci, wieku i makroregionów
 - 19 - Ludność według płci, województw, podregionów i powiatów
 - 2018
 - 2017
 - 2016
 - 2015
 - 2014

At the bottom of the interface, there is a confirmation bar with the text: 'Co chcesz zrobić z elementem pl_lud_2019_00_05.zip (2.7 MB)?' and 'Źródło: demografia.stat.gov.pl'. To the right of this bar are buttons: 'Otwórz', 'Zapisz', an upward arrow, 'Anuluj', and a close 'X' button. A red arrow points from the text 'Downloading data in Excel' to the 'Zapisz' button.

Downloading data in Excel

DBW Knowledge Databases

<http://swaid.stat.gov.pl/EN/SitePages/StronaGlownaDBW.aspx>



GUS Change contrast: A Change font: A Help About system Site map Contact

[Home page](#)

[Multi-Domain Statistics](#)

[Economic Statistics](#)

[Social Statistics](#)

[Environment](#)

Search this site



DBW

KNOWLEDGE DATABASES

Data Information Knowledge Decisions

Multi-Domain Statistics



National Accounts



Science, Technology and Information Society



LDB Territorial Cross-Sections



Regional Atlas

Economic Statistics



Prices



Non-financial Enterprises



Short-term statistics of non-financial enterprises



Agriculture



Industrial Production



Construction



Trade and services



Transport and Communications



Business Tendency



Energy Statistics



Foreign trade

Social Statistics



Demography



Education



Labour market



Living conditions



Municipal and Dwelling Infrastructure



Health and Health care

DBW Knowledge Databases

SWAJD GUS Change contrast: A Change font: A Help About system Site map Contact

Home page Multi-Domain Statistics Economic Statistics Social Statistics Environment Search this site

Population by sex and single years of age

Actions | 1 of 2? | Find Next

Export PDF Excel Word XML CSV MHTML TIFF

Table Map Metadata

As of day: 31 XII
Territorial unit:
Type of locality:
Sex: Total

	31 XII 2019
Population	38,382,576
Population at age 0	366,971
Population at age 1	387,747
Population at age 2	404,307
Population at age 3	386,131
Population at age 4	373,308
Population at age 5	376,950
Population at age 6	371,070
Population at age 7	390,222

Parameters of a table, map or a chart

Parameters

Zmienna/Variable: Population, Population at age 0

Stan w dniu/As of day: 31 XII 2019

Jednostka terytorialna/Territorial unit: POLAND

Charakter miejscowości/Type of locality: Total

Płeć/Sex: Total

Allows to create simple maps and charts (e.g. age pyramid)

Various data formats

STRATEG

<https://strateg.stat.gov.pl>

- The STRATEG system is a publicly accessible system, which is updated quarterly and designed to facilitate the process of monitoring the development and evaluating the effects of actions undertaken to strengthen social cohesion.
- The database contains a comprehensive set of key measures to monitor (mainly annual) development at the national level, as well as at lower levels of territorial division.
- To ensure international comparability, the database also contains the main indicators for the EU, its member states and regions at NUTS
- Analysis and perception of information is facilitated by data visualisation tools in the form maps and charts, as well as a comprehensive set of metadata describing the indicators.

STRATEG

<https://strateg.stat.gov.pl>

strateg SYSTEM MONITOROWANIA ROZWOJU

Homepage
Strategies
Operational Programmes
Cohesion policy
Statistics by theme

Europe 2020 Strategy
Country strategies
Supra-regional strategies
Regional strategies
National operational programmes
Regional operational programmes
Partnership Agreement
Find indicator

Indicator	2012	2013	2014	2015	2016	2017	2018	2019
GDP in mln zł	1,623,442	1,646,724	1,711,244	1,801,112	1,863,487	1,989,835	2,121,555	2,287,738
Unemployment rate (LFS)	10.1	10.3	9.0	7.5	6.2	4.9	3.8	3.3
Emission of particulate air pollutants from plants of significant nuisance to air quality per 1000	0.17	0.16	0.15	0.14	0.12	0.11	0.10	0.09
				19,231	19,132	19,209	19,235	19,398
				-0.7	-0.2	-0.0	-0.7	-0.9

Map

POP in mln zł
Year: 2017
Cartodiagram: POP in mln zł

168096 - 446596 (3)
115990 - 166095 (3)
76040 - 115989 (3)
46203 - 76039 (3)
40716 - 46202 (4)
Missing data
jrm: min_PLN

200 km

Recently added

November 2020

Su	Mo	Tu	We	Th	Fr	Sa
01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21

Help

- How to display Indicators by strategy.
- How to display Indicators by cohesion policy goal.
- How to display Indicators by theme.
- How to display Indicators by local government unit.
- How to display Indicators by name.
- How to find Indicators by theme.

Population

Metadata

- Each database has its own way of presenting metadata
- Most of the meta information is available in pdf or on the website (e.g. Metainformation on the website of the Statistical Office of Poland - glossary)
- The average user has direct access to basic metadata by downloading the data (basic metadata: time period, concepts, territorial codes)
- The most detailed information is published in methodological notebooks.
- Metodological notebooks:
- <https://stat.gov.pl/en/topics/population/population/methodological-report-vital-statistic-balances-of-population,11,1.html> <https://stat.gov.pl/en/topics/population/international-migration/methodological-report-migration-of-population,7,1.html>
- Glossary:
- <https://stat.gov.pl/en/metainformations/glossary/terms-used-in-official-statistics/list.html>

Recomendations to improve the functionality of DYB

- Creating maps and charts
- Adding a release calendar
- Creating individual tables
- Tags
- UN database:
 - Easier access to the UN database
 - Improving the readability of the Undatabase website
 - Country and year search options
 - Extension of the data formats
 - Access to basic metadata (time period, accessibility level, concept definitions)

THANK YOU

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