Poland in figures
2023

Statistics Poland

Selected data about Poland

territory of Poland
borders of the Schengen Area
national borders
borders of voivodships

|	2022
Territorial structure of the country:	
voivodships	16
powiats	314
cities with powiat status	66
gminas	2 477[a]
Total area of Poland[b] in thousand ha	31 272
Population in thousands	37 766
Population density per 1 km^2	121
Capital city	Warszawa
Population of capital city in thousands	1 862
The highest point – in m above sea level	Rysy – 2 499
The lowest point – in m below sea level	Raczki Elbląskie – 1.8
The longest river – length in km	Wisła – 1 022
The largest lake – area in km^2	Śniardwy – 113.4
The deepest lake – maximum depth in m	Hańcza – 108.5

a Of which gminas that are also cities with powiat status. b Land area as well as part of internal waters according to GUGiK data as of 1 January 2022.

Population

Population (as of 31 December)

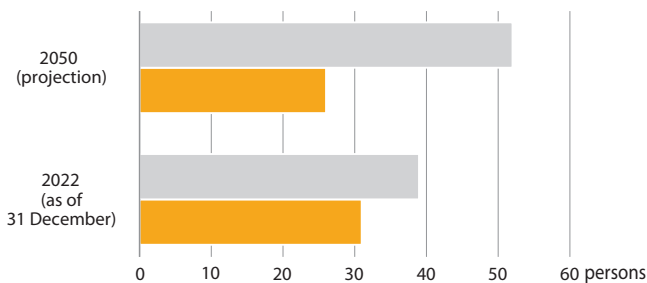|	1990	2000	2010	2020	2022
T o t a l in thousands	38 073	38 254	38 530	38 089	37 766
of which females	19 521	19 717	19 877	19 671	19 517
Urban population in %	62	62	61	60	60
Females per 100 males	105	106	107	107	107
urban areas	108	110	111	111	112
rural areas	100	101	101	100	101
Median age of population	32.3	35.4	38.0	41.6	42.3
males	30.9	33.4	36.3	40.0	40.7
females	33.7	37.4	39.9	43.2	44.0

Population by the economic age groups (as of 31 December)
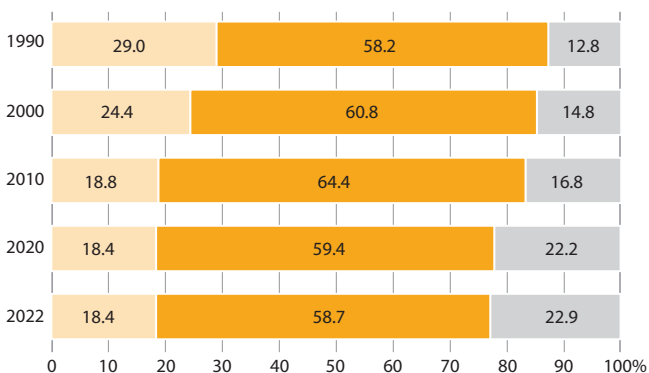
Age:
- pre-working (0–17 years)
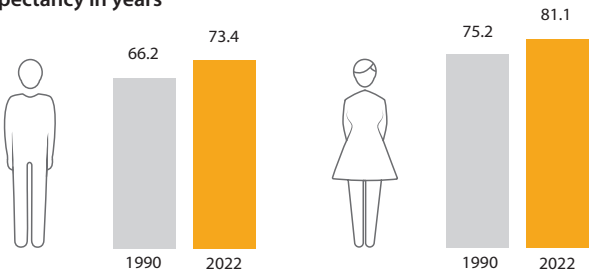- working (18–59/64 years)
- post-working (60/65 years and more)

Number of persons at non-working age per 100 persons at working age

Age:
- pre-working (0–17 years)
- post-working (60/65 years and more)

Life expectancy in years

66.2 — 1990 (male)
73.4 — 2022 (male)
75.2 — 1990 (female)
81.1 — 2022 (female)

Vital statistics

	1990	2000	2010	2020	2022
Per 1 000 population:					
live births	14.3	9.9	10.7	9.3	8.1
deaths	10.2	9.6	9.8	12.5	11.9
natural increase	4.1	0.3	0.9	-3.2	-3.8
marriages contracted	6.7	5.5	5.9	3.8	4.1
divorces	1.1	1.1	1.6	1.3	1.6
Separations in thousands	.	1.3	2.8	0.7	0.7
Infant deaths per 1 000 live births	19.3	8.1	5.0	3.6	3.8

Fertility rate

1.991 — 1990
1.261 — 2022
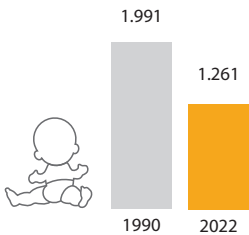
Average age of mothers at birth of first child

22.7 — 1990
28.8 — 2022
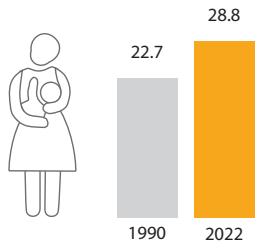
International migration of population for permanent residence

thousand of persons

Emigration
Immigration
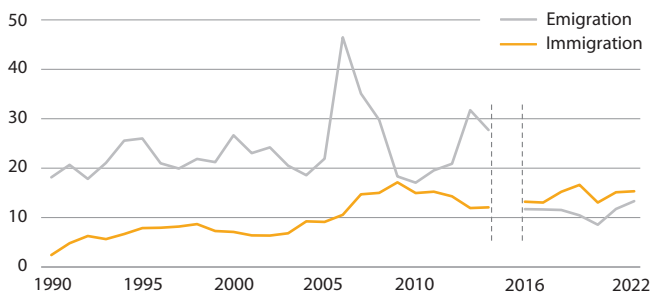
N o t e. Data for 2015 not available.

Education

Pre-primary education[a]

	2015/16	2020/21	2021/22
Children in pre-primary establishments per:			
1 000 children aged 3–6 years	698	900	928
nursery school	101	108	109

a Pre-primary education covers nursery schools, pre-primary sections in primary schools, pre-primary centres and pre-primary education units.

Graduates by sex and educational level

2015/16 **Schools:** 2020/21

higher education institutions

post-secondary

post-primary

lower secondary[a]

primary

80 60 40 20 0 %   0 20 40 60 80 %

Males   Females
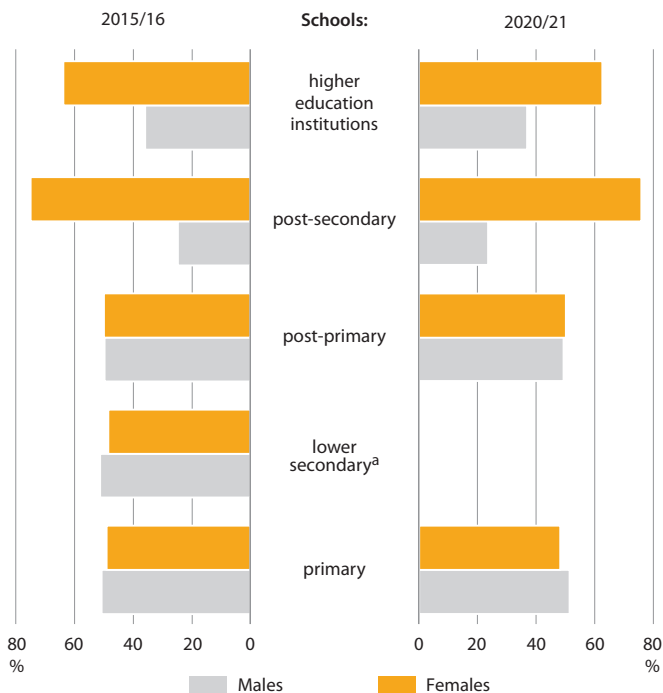
a In the 2020/21 school year, there were no graduates due to the liquidation of lower secondary schools.

Pupils and students[a] by age groups

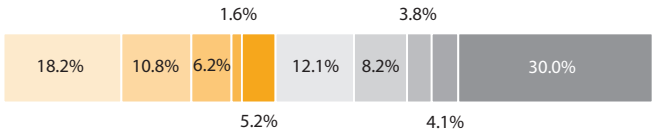|	2015/16	2021/22
	in % of population of a given age group	
Age groups:		
7–14 years[b]	90.6	96.5
15–18[c]	94.0	95.9
19–24	52.9	52.3
25–29	7.9	8.1
30 years and more	0.8	0.9

a Excluding foreigners. b In the 2015/16 school year – age group 6–12. c In the 2015/16 school year – age group 16–18.

Students of higher education institutions

	2015/16	2020/21	2021/22
T o t a l in thousands	1 405.1	1 218.0	1 218.2
of which foreigners	57.1	84.7	89.4
Per 10 thousand population[a]:	351	296	298
females	394	336	340
males	304	254	252

a Excluding foreigners.

Students of higher education institutions by narrow field of education in the 2021/22 academic year

18.2% 10.8% 6.2% 1.6% 5.2% 12.1% 8.2% 3.8% 4.1% 30.0%

Narrow fields of education:

- business and administration
- social and behavioural sciences
- education
- humanities (except languages)
- languages
- health
- engineering and engineering trades
- law
- Information and Communication Technologies (ICTs)
- others
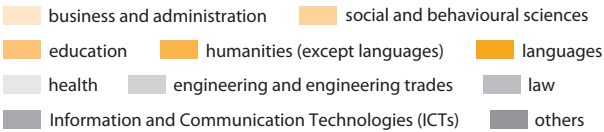
Early leavers from education and training and participation rate in education and training[a] – based on LFS

%

— Early leavers from education and training
— Participation rate in education and training
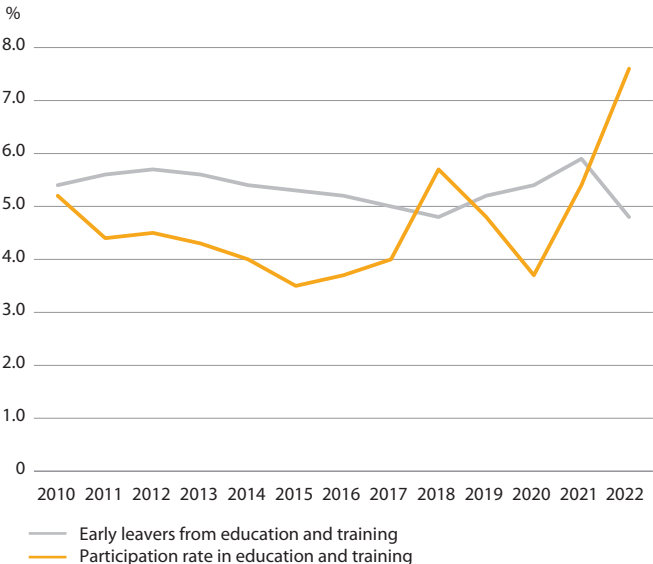
a Data concern the share of population of a given age group: for youth – persons aged 18–24 having at most lower secondary education, for adults – persons aged 25–64.

Labour market

Economic activity of population aged 15–89 (annual averages) – **based on LFS**

	2015	2022
	in thousands	
Economically active persons	17 027	17 240
of which women	7 686	7 865
of which at working age[a]	16 515	16 465
employed persons	15 723	16 742
of which women	7 083	7 634
unemployed persons[b]	1 304	498
of which women	602	231
Economically inactive persons	13 768	12 494
of which women	8 334	7 629

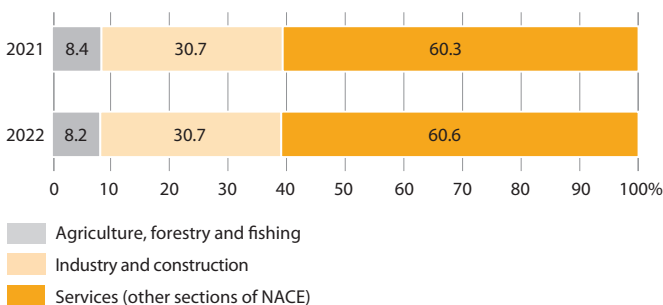a, b Persons aged: a – men – 18–64, women – 18–59, b – 15–74.

Structure of employed persons by kind of activity in 2021 (annual averages) – **based on LFS**

| 2021 | 8.4 | 30.7 | 60.3 |
| 2022 | 8.2 | 30.7 | 60.6 |

Agriculture, forestry and fishing

Industry and construction

Services (other sections of NACE)

N o t e. Structure of employed persons do not include an unspecified kind of activity.

Economically active population aged 15–89 in 2022 (annual averages) – **based on LFS**

	Activity rate	Employment rate	Unemployment rate
	in %		
T o t a l	58.0	56.3	2.9
of which women	50.8	49.3	2.9
of which at working age[a]	80.2	77.8	3.0
By age:			
15–24 years	31.1	27.8	10.8
25–34	86.7	83.9	3.3
35–44	89.7	87.8	2.1
45–54	86.7	84.8	2.3
55–59/64	70.6	69.2	1.9
60/65–89 years	9.3	9.2	.

a Men aged 18–64, women – 18–59.

Unemployed persons aged 15–74 (annual averages) – based on LFS

	2015	2021	2022
T o t a l in thousands	1 304	580	498
In % of total – unemployed persons:			
women	46.2	45.5	46.4
at working age	98.9	99.1	98.6
never in employment	.	15.9	16.9
end of temporary job, seasonal	.	23.3	23.1
long-term unemployed (13 months and more)	32.1	18.1	21.3
Unemployment rate in %	7.7	3.4	2.9
Average duration of unemployment in months	.	8.0	8.5

Unemployment rate by sex and level of education
(annual averages) – based on LFS

Legend:
- Lower secondary, primary, incomplete primary and without school education
- Basic vocational or basic sectoral vocational[a]
- General secondary
- Vocational secondary[b]
- Post-secondary
- Tertiary
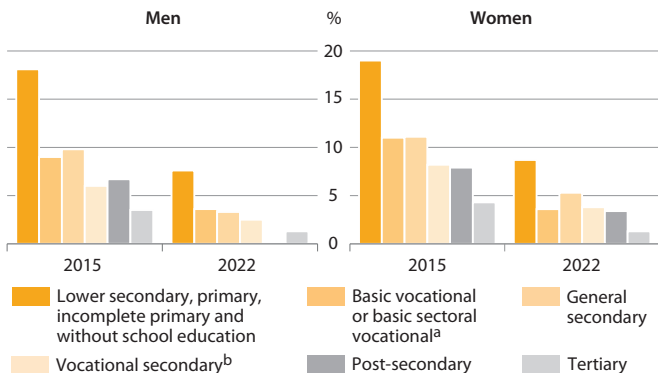
a In 2022 including basic sectoral vocational education. b Since the third quarter of 2022 including secondary sectoral vocational education.

Vacancies (annual averages)

Legend:
- Vacancies (left axis)
- Job vacancy rate (right axis)
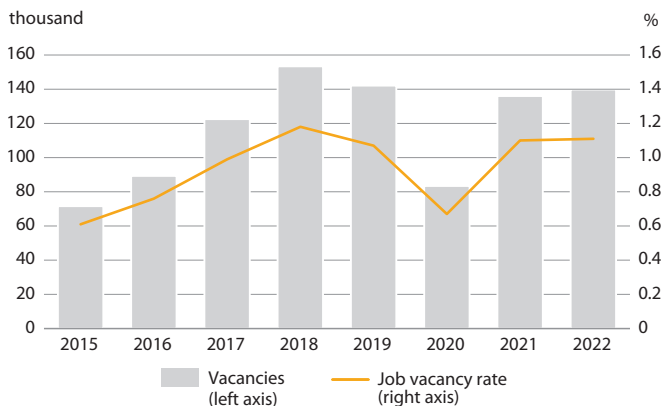
Wages and salaries and social benefits

Wages and salaries

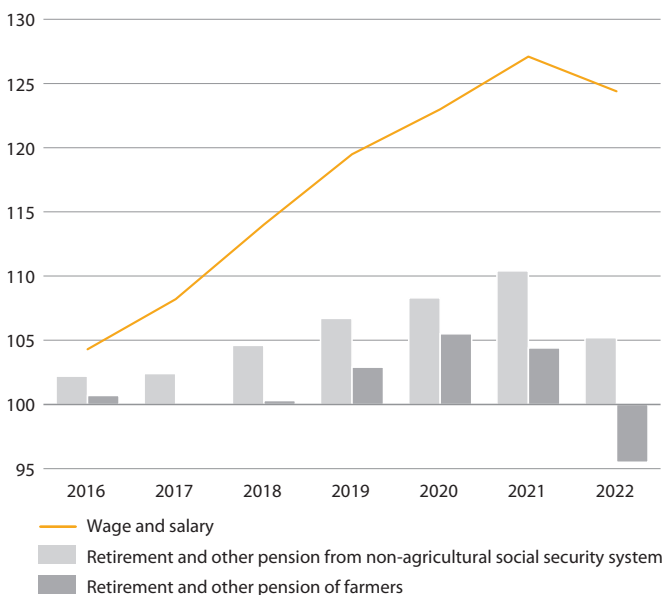|	2015	2021	2022
Average monthly gross wage and salary in total in PLN	3 907.85	5 682.97	6 346.15
public sector	4 482.55	6 404.09	6 994.21
private sector	3 664.68	5 413.15	6 182.35
Average monthly gross wage and salary in total – previous year=100:			
nominal	103.5	108.7	111.7
real	104.5	103.3	97.9

Indices of average monthly real gross wages and salaries and retirement and other pensions

2015=100

— Wage and salary

Retirement and other pension from non-agricultural social security system

Retirement and other pension of farmers

Retirement and other pensions

	2015	2021	2022
Average monthly gross retirement and other pension:			
from non-agricultural social security system:			
nominal in PLN	2 049.26	2 623.26	2 869.65
real – previous year=100	103.5	101.9	95.3
of farmers:			
nominal in PLN	1 179.63	1 428.84	1 500.52
real – previous year=100	103.6	99.0	91.5

Prices

Price indices of consumer goods and services

	2015	2021	2022
	previous year=100		
T o t a l	99.1	105.1	114.4
Goods	98.2	104.6	115.4
Services	101.4	106.8	111.2

Price indices of consumer goods and services

Previous year=100

Total · Food and non-alcoholic beverages · Dwelling · Transport · Health
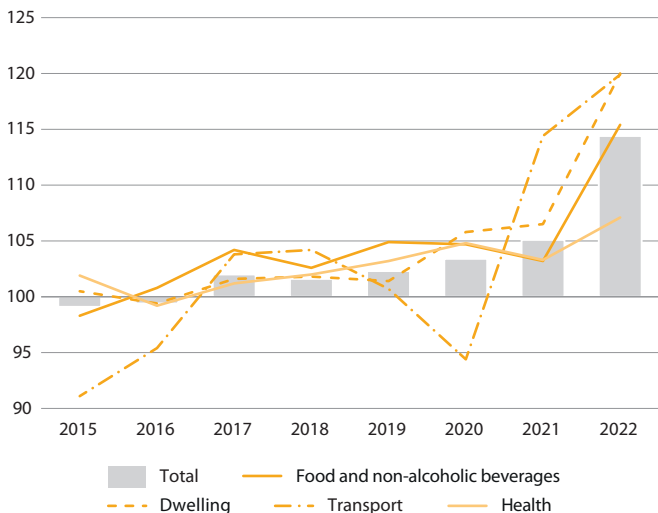
Retail prices of selected goods in PLN

	Wheat-rye bread per 1 kg	Cows' milk, fat content 3.0–3.5%, UHT per 1 l	Apples per 1 kg	Natural coffee, ground per 1 kg	Beer, full light per 1 l	Cold water by water system per 1 m³	95 octane motor petrol per 1 l
2015	4.40	2.87	2.74	41.24	5.62	3.73	4.65
2022	8.32	3.80	3.30	54.92	6.72	4.49	6.67
Changes in prices level	89.1%	32.4%	20.4%	33.2%	19.6%	20.4%	43.4%

Households

Households

	2015	2021	2022
Average number of persons in a household	2.72	2.55	2.47
Average monthly income per capita in a household:			
available income in PLN	1 386.16	2 019.75	2 249.79
of which in %:			
from hired work	54.7	52.8	53.9
from the private farm in agriculture	3.2	3.6	3.6
from self-employment	8.7	10.0	9.6
from social benefits	28.7	31.5	30.8
disposable income in PLN	1 337.87	1 975.06	2 194.62

Households by number of persons (in % of total households)

	1	2	3	4	5	6 and more
2015	20.1%	32.4%	20.0%	16.7%	6.7%	4.1%
2022	**26.0%**	**34.3%**	**17.4%**	**14.7%**	**5.2%**	**2.4%**
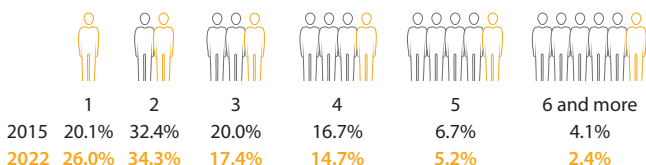
Average monthly expenditure per capita in household in 2022
(in % of total expenditure)
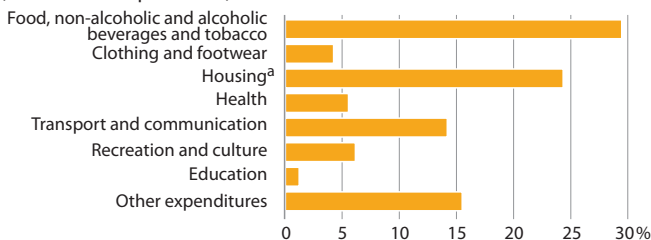
a Housing, furnishings, electricity, gas and other fuels.

Average monthly consumption of selected foodstuffs per capita in a household

	2015	2021	2022
Bread and cereals in kg	6.06	5.09	5.11
Meat in kg	5.27	4.86	4.81
Fish and seafood in kg	0.33	0.27	0.24
Milk in l	3.15	2.87	2.85
Cheese and curd in kg	0.83	0.95	0.94
Eggs in units	11.76	10.60	10.50
Oils and fats in kg	1.15	1.00	1.00
Fruit in kg	3.59	3.84	3.58
Vegetables in kg	8.68	7.27	7.13
Sugar, jam, honey, chocolate and confectionery in kg	1.83	1.62	1.65
Mineral or spring waters in l	4.57	5.83	5.78

Dwellings completed

	2015	2021	2022
T o t a l in thousands	147.7	234.7	238.5
of which in urban areas	91.0	150.1	148.1
Per 1 000 marriages contracted	782	1 394	1 531
Average useful floor area per dwelling in m^2	99.8	92.9	92.3

Dwellings fitted with installations in % of total dwellings
(as of 31 December)

Urban areas		Rural areas

Water supply system
Bathroom
Gas from gas supply system
Central heating
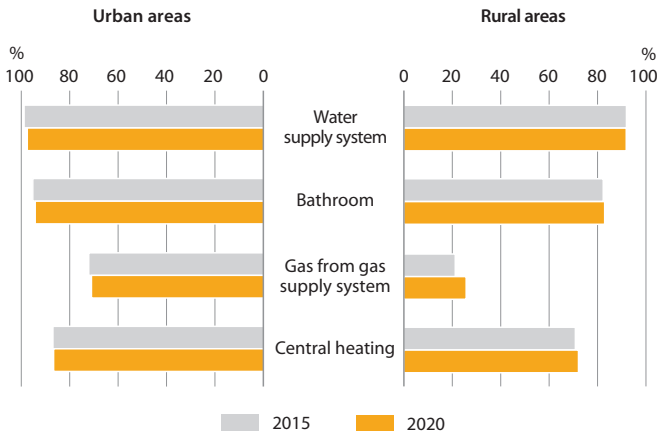
2015   2020

Consumption of water, electricity and gas per capita in households
(during the year)

Urban areas   Rural areas

Water from water supply system

Electricity

Gas from gas supply system
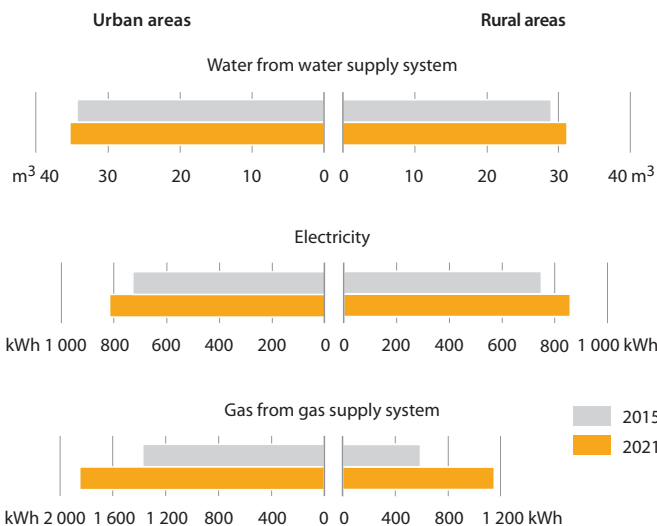
2015
2021

Health

Hospitals (as of 31 December)

	2015	2020	2021
General hospitals	956	898	899
Beds[a] per 10 thousand population	48.6	44.0	44.4
In-patients (excluding inter-ward patients transfer; during the year) per 10 thousand population	2 027	1 502	1 667
Average patient stay in days	5.4	5.3	5.4

a Including beds and incubators for newborns.

Medical personnel[a]
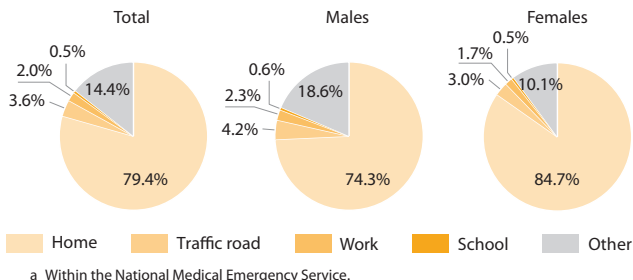(as of 31 December)

Per 10 thousand population
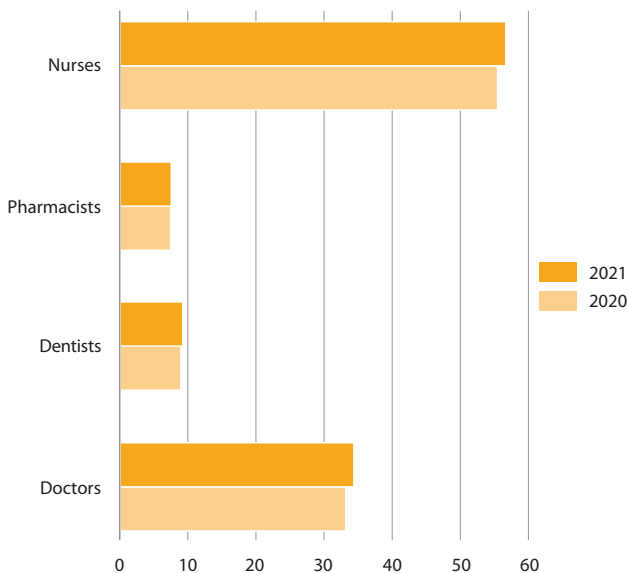
a Excluding persons for whom the primary workplace is university, units of state or local self-government administration or the National Health Fund. Data concerning doctors, dentists and nurses have been compiled based on administrative resources; data concerning pharmacists have been compiled based on reporting method.

Out-patient health care, pharmacies and pharmaceutical outlets
(as of 31 December)

	2015	2020	2021
Out-patient health care:			
out-patient departments	20 412	21 496	21 968
doctors and dentists practices	5 550	4 048	3 753
consultations provided (during the year) per capita	8.3	7.5	8.4
Generally available pharmacies	12 740	12 056	11 866
Pharmaceutical outlets	1 299	1 152	1 147

Persons who received health care benefits in 2021 by the place of occurrence (during the year)[a]

Total	Males	Females

Total
- 14.4%
- 0.5%
- 2.0%
- 3.6%
- 79.4%

Males
- 18.6%
- 0.6%
- 2.3%
- 4.2%
- 74.3%

Females
- 10.1%
- 0.5%
- 1.7%
- 3.0%
- 84.7%

Legend: Home | Traffic road | Work | School | Other

a Within the National Medical Emergency Service.

Blood donors per 10 thousand population in 2021

Total
162.5

248.5

82.0
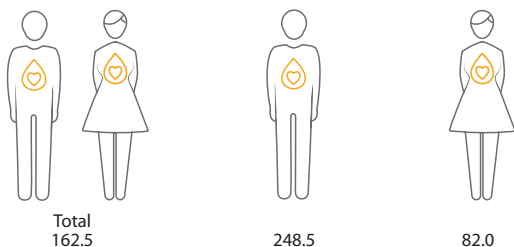
Self-perceived health by sex in 2021

69.5%	Very good and good	62.4%
21.5%	Fair	26.9%
9.0%	Bad and very bad	10.7%

Source: EU-SILC 2021.

Deaths by causes

%

Legend: 2015 | 2021

Categories: Diseases of the circulatory system | Malignant neoplasms | Injuries and poisonings | Symptoms and ill-defined conditions | Others[a]
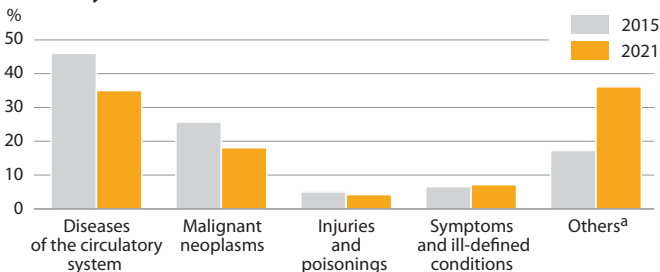
a In 2021, other causes include 17.9% deaths due to COVID-19.

Culture. Tourism

Cultural institutions (as of 31 December)

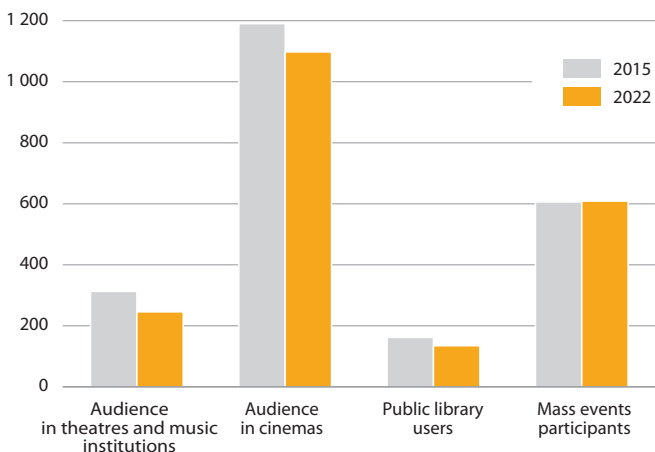|	2015	2021	2022
Theatres and music institutions	177	185	182
Indoor cinemas	450	523	532
Screens in indoor cinemas	1 276	1 539	1 565
Museums and arts galleries	1 257	1 252	1 273
Public libraries and branches	8 050	7 693	7 638
Mass events	6 280	2 964	5 247

Visitors of cultural establishments per 1 000 population (during the year)

Structure of household expenditure on culture in 2022
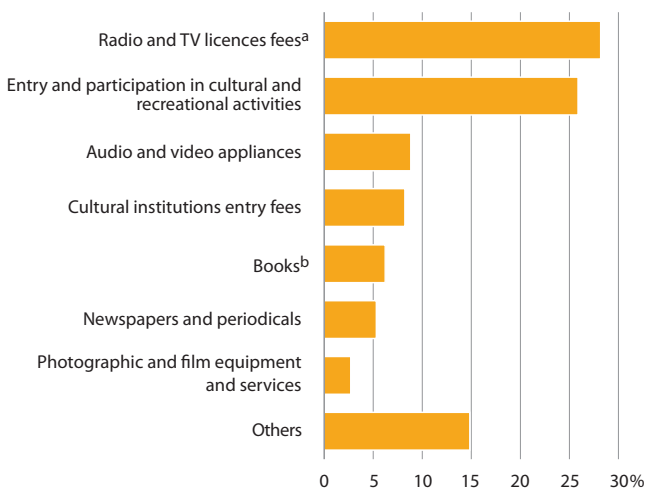
a Bundled telecommunication services excluded. b Excluding school textbooks.

Tourist accommodation establishments[a]

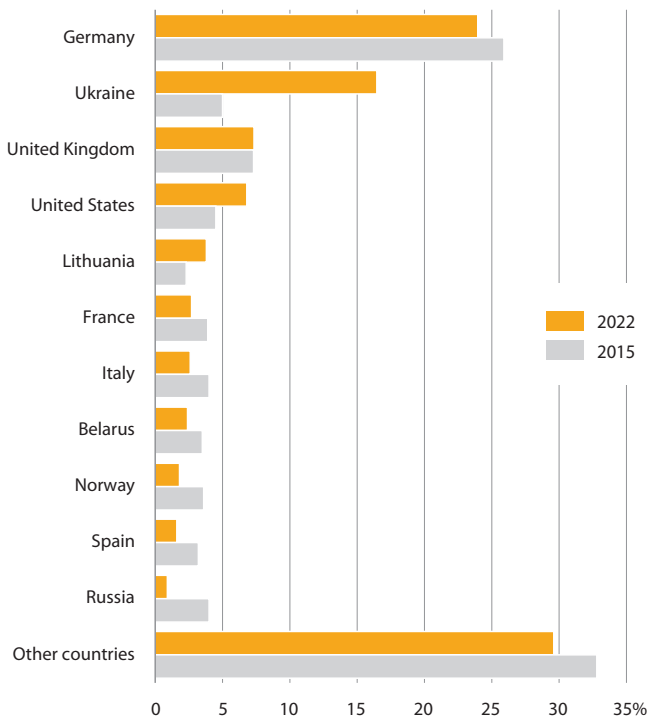|	2015	2021	2022
Facilities[b]	10 024	9 942	9 766
Bed places[b] per 1 000 population	710.3	784.2	779.9
Tourists accommodated in thousands	26 942	22 199	34 249
of which foreign tourists in %	21.1	11.3	17.1
Occupancy rate of bed places in %	36.7	32.3	40.4

a Data concern establishments with 10 or more bed places. b As of 31 July.

Foreign tourists accommodated in tourist accommodation establishments by countries

Participation of the Polish residents aged 15 or over in tourist trips

|	2015	2021	2022
	in % of surveyed population		
Travellers[a]	54	53	59
in country for: 2–4 days	35	35	42
5 days and more	30	29	32
abroad	17	13	17
Non-travellers	46	47	41

a A participant may be indicated more than once in further division.

Information society

Enterprises[a] using selected information and communication technologies

	2015	2021	2022
	in % of total enterprises		
Enterprises having:			
Internet access	92.7	98.5	98.5
of which broadband connection	86.7	98.5	98.5
of which of speed 100 Mbit/s or more	7.9	48.4	51.3
Employing ICT specialists	12.0	.	30.9
Conducting e-sales	11.8	17.0	.
Enterprises providing portable devices to the employed persons	61.6	78.6	91.9

Enterprises[a] applying security measures by size classes of entities and types of measures in 2022
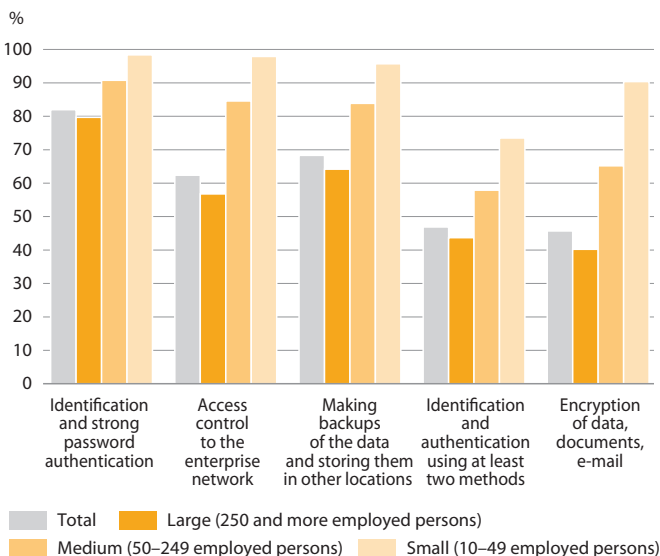
Enterprises[a] conducting e-sales

	2015	2020	2021
	in % of total enterprises		
Via own website or application	.	12.1	11.7
Via online e-commerce marketplaces	.	8.1	9.1
To individual customers (B2C)	7.4	12.6	12.9
To other enterprises and public administration bodies (B2B, B2G)	6.9	11.4	11.9
EDI	3.8	3.3	3.5

a Data concern economic entities employing more than 9 persons.

Households[a] having access to the Internet

	2015	2021	2022
	in % of total households of a given group		
T o t a l	75.8	92.4	93.3
of which broadband connection	71.0	91.7	92.6
Of which households:			
with children	95.0	99.7	99.9
without children	65.2[b]	88.8	90.5

a Data concern households with at least one person aged 16–74. b In 2014.

Internet users aged 16–74

Legend:
- Last 3 months
- Regularly (at least once a week)
- Every day or almost every day
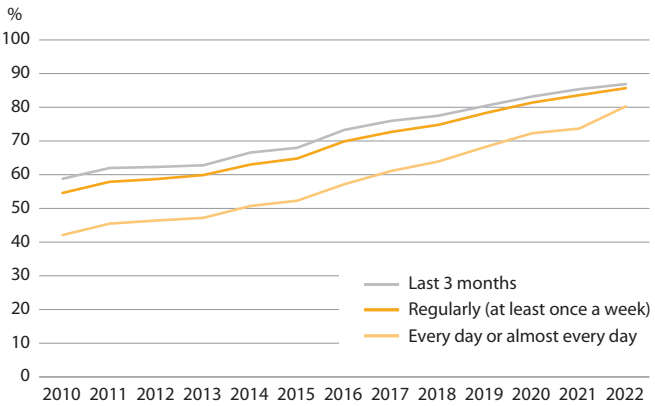
Individuals using the Internet[a] for private purposes by selected activities in 2022

in % of total individuals in a given group

Age groups:
- 16–74 years
- 16–24
- 25–54
- 55–74 years
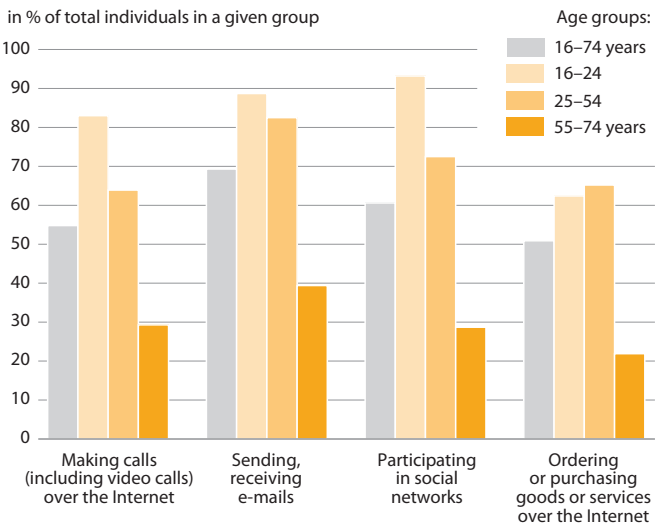
a In the last 3 months.

17

Science and technology

Research and experimental development (R&D)

	2015	2020	2021
Intramural expenditure on R&D (current prices):			
per capita in PLN	470	849	922
in % of GDP	1.00	1.39	1.44
Internal R&D personnel	157 921	226 131	249 014
of which researchers in %	75.0	70.0	70.0

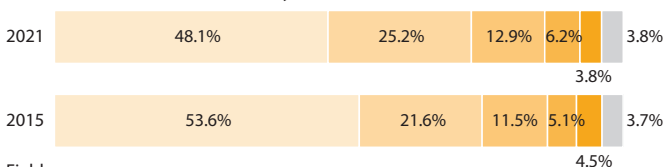## Structure of intramural expenditure on R&D (current prices)

By source of funds

| 2021 | 37.4% | 50.9% | 8.2% | 3.1% | 0.4% |

| 2015 | 41.9% | 39.0% | 16.7% | 2.2% | 0.2% |

Sector:
- government
- business enterprises
- rest of the world
- higher education
- private non-profit

By fields of R&D

| 2021 | 48.1% | 25.2% | 12.9% | 6.2% | 3.8% | 3.8% |

| 2015 | 53.6% | 21.6% | 11.5% | 5.1% | 4.5% | 3.7% |

Field:
- engineering and technology
- natural sciences
- medical and health sciences
- social sciences
- agricultural and veterinary sciences
- humanities and the arts
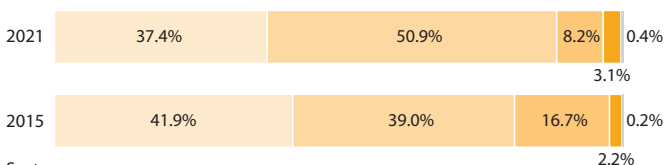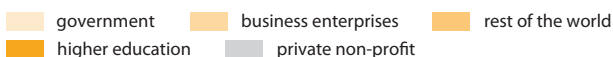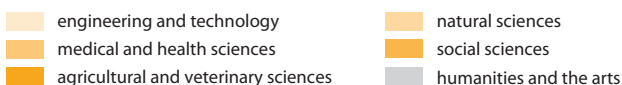
Innovation activity of enterprises[a]

	2015	2020	2021
Innovative enterprises[b] as the share of total: industrial enterprises	17.6	31.4	22.0
service enterprises	9.8	30.8	19.7
Expenditures of:			
industrial enterprises in million PLN	31 094	20 378	19 041
of which in %: capital expenditures[c]	77.3	42.9	36.0
on R&D	16.5	44.4	50.9
service enterprises in million PLN	12 641	18 399	22 349
of which in %: capital expenditures[c]	38.5	17.9	14.3
on R&D	32.7	61.6	60.7

a Data concern economic entities employing more than 9 persons. b Methodological change – since 2018 innovative enterprises include enterprises that introduce product or business process innovations. c Methodological change – since 2018 in capital expenditures are included capital on tangible and intangible assets in order to perform innovative activities.

Directions of geodesic land use in 2022
(as of 1 January)

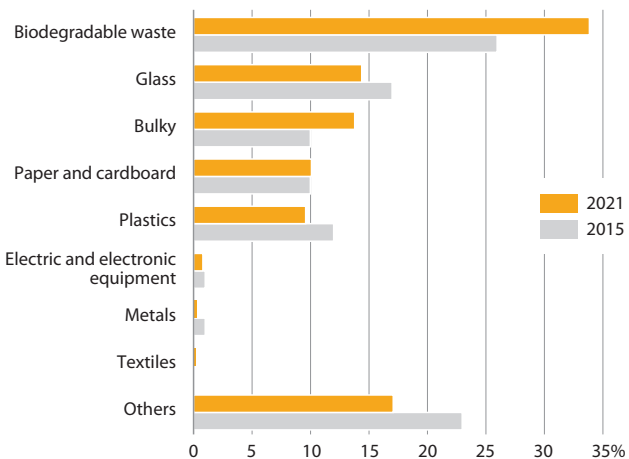| Legend |
|---|
| Agricultural area: |
| Utilised agricultural area: |
| arable land |
| others utilised agricultural area |
| Wasteland |
| Forest land as well as woody and bushy land |
| Lands under waters |
| Built-up and urbanised areas |
| Others land |

469.4
19 165.9
5 157.7
13 538.8
9 543.3
18 696.5
663.2
1 804.9
94.7
in thousand ha
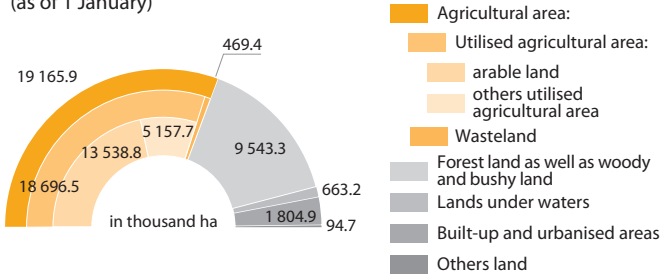
Water withdrawal for needs of the national economy and population

	2015	2020	2021
In hm^3	10 503	8 666	9 267
In m^3 per capita	273	227	244

Environment pollutants

	2015	2020	2021
Waste generated during the year (excluding municipal waste) in thousand tonnes	130 985	109 466	107 712
Municipal waste generated during the year: in thousand tonnes	10 864	13 117	13 674
in kg per capita	283	344	360
Industrial and municipal wastewater requiring treatment in hm^3	2 122	2 195	2 254
of which treated	2 015	2 071	2 130
Population connected to wastewater treatment plants in % of total population	72.7	74.9	75.2

Structure of municipal waste collected selectively

Biodegradable waste
Glass
Bulky
Paper and cardboard
Plastics
Electric and electronic equipment
Metals
Textiles
Others

2021
2015

0   5   10   15   20   25   30   35%

Environment. Energy

Total emission of main air pollutants

	2015	2020	2021
	in thousand tonnes		
Greenhouse gases[a]	383 395	371 312	399 438
Sulphur dioxide	639	385	392
Nitrogen oxides[b]	721	605	591
Carbon oxide	2 844	2 582	2 521

a, b Expressed: a – as carbon dioxide equivalent, b – as nitrogen dioxide.

Energy basic data

	2015	2020	2021
Primary energy production:			
in Mtoe	67.8	58.0	60.1
per capita in toe	1.8	1.5	1.6
Final energy consumption:			
in Mtoe	62.3	71.1	75.2
per capita in toe	1.6	1.9	2.0

Structure of final energy consumption

By energy carriers

	Solid fossil fuels	Petroleum products	Natural gas	Heat	Electricity	Others
2021	11.7%	35.3%	14.5%	8.0%	16.7%	13.8%
2015	17.6%	30.6%	13.9%	9.0%	18.1%	10.8%

By sectors

	Industry	Transport	Households	Services	Agriculture
2021	21.9%	31.7%	29.9%	11.5%	5.0%
2015	23.2%	27.2%	31.2%	12.9%	5.5%
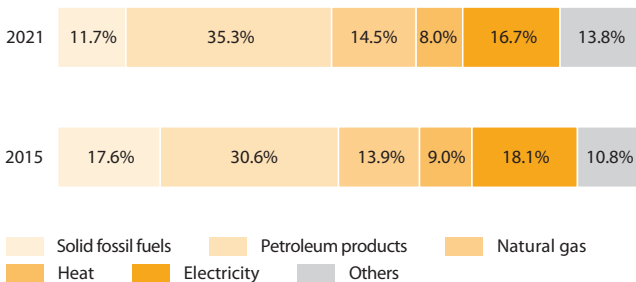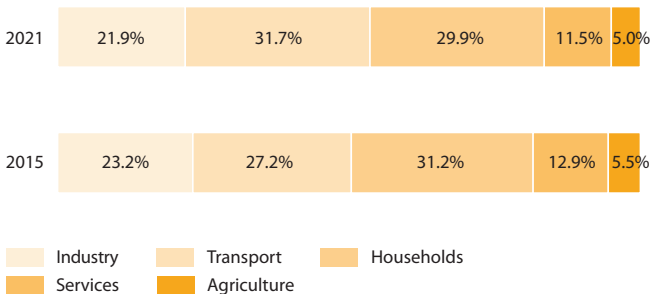
Gross agricultural output (constant prices)

2015=100

Legend: Total — Crop output — Animal output
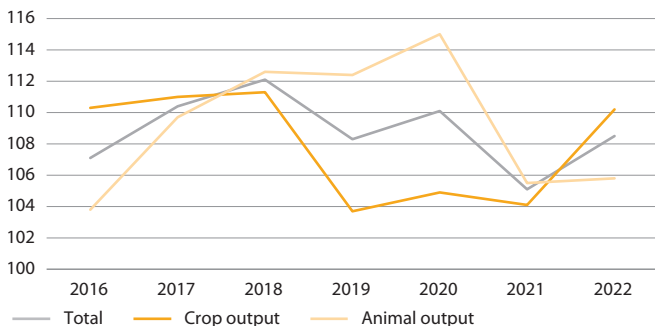
Agricultural land area in total in 2020
(as of June)

73.3%

18.6%

2.8%

2.5%

1.3%

1.3%

0.1%

Agricultural land in good agricultural condition:

- sown area
- permanent crops
- fallow land
- kitchen gardens
- permanent meadows
- permanent pastures

Others
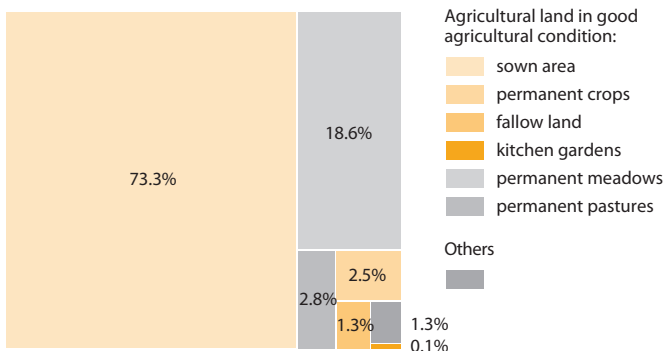
Production

	2015	2021	2022
	in thousand tonnes		
Cereals	28 003	34 641	35 651
of which:			
wheat	10 958	12 119	13 445
rye	2 013	2 520	2 381
barley	2 961	3 018	2 835
oats	1 220	1 656	1 529
maize for grain	3 156	7 461	8 503
triticale	5 339	5 451	5 543
Potatoes	6 152	7 081	6 031
Sugar beet	9 364	15 274	14 154
Oilseeds	2 763	3 311	3 816
Ground vegetables[a]	3 793	3 899	3 985
Tree fruit	3 581	4 494	4 763

a In 2021 and 2022, data without production in home gardens.

Agriculture

Animals (as of June) **per 100 ha of agricultural land**

	2015	2021[a]	2022[a]
	in heads		
Cattle	41	43	43
of which cows	17	16	15
Pigs	80	74	64

a Agricultural land in 2020.

Production of major agricultural product per 1 ha of agricultural land

	2015	2021	2022
Cereals in kg	1 925	2 317	2 384
Potatoes in kg	423	474	403
Sugar beets in kg	644	1 021	947
Total vegetables[a] in kg	330	261	267
Animals for slaughter[b] in kg	316	359	358
of which:			
beef	33	37	36
pork	126	125	113
Cows' milk in l	884	967	988

a In 2021 and 2022, data without production in home gardens. b In terms of meat; in post-slaughter warm weight.

Structure of agricultural market output by products
(current prices)

	2015	2022
others	1.1%	0.6%
hen eggs	6.1%	5.3%
cows' milk	16.5%	20.1%
poultry	14.5%	16.1%
pigs	13.3%	10.5%
cattle	7.0%	6.5%
others	12.1%	12.7%
fruit	7.2%	5.8%
vegetables	10.2%	7.6%
sugar beets	2.5%	2.2%
potatoes	2.3%	2.8%
rye	0.8%	1.1%
wheat	6.4%	8.7%

Animal output 58.5% / Crop output 41.5% (2015)
Animal output 59.1% / Crop output 40.9% (2022)
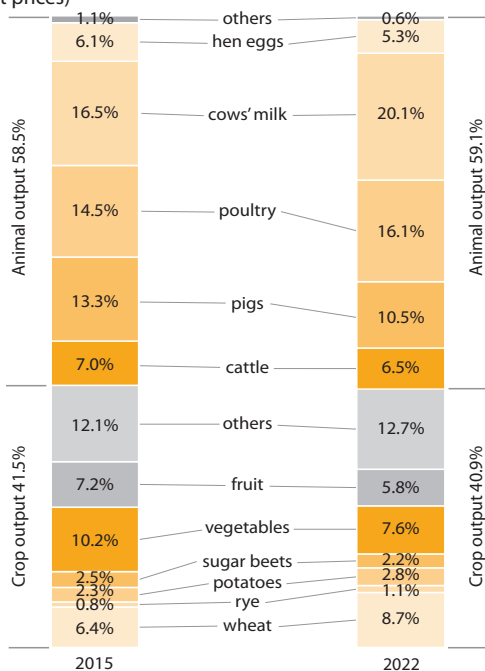
Industry

Sold production of industry[a]

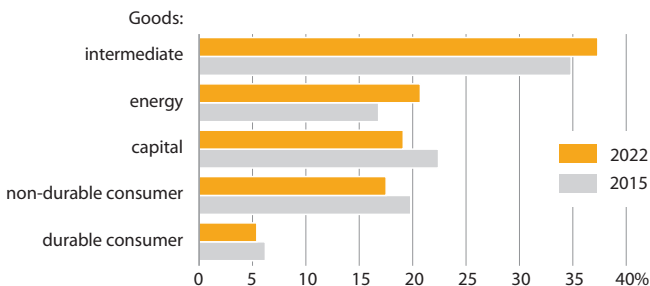|	2015	2021	2022
Indices of sold production of industry (constant prices): previous year=100	104.9	114.8	110.2
2015=100	100.0	137.5	151.5
Price indices of sold production of industry – previous year=100	97.8	107.9	122.4

Sold production of industry[a] by sections (constant prices)

2015=100

- Production in total
- Mining and quarrying
- Manufacturing
- Electricity, gas, steam and air conditioning
- Water supply; sewerage, waste management and remediation activities
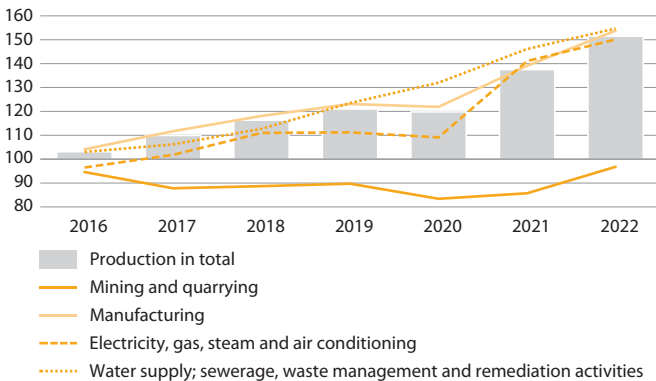
Structure of sold production of industry[a] by the Main Industrial Groupings (current prices)

Goods:

- 2022
- 2015

Production of selected products[a]

	2015	2021	2022
	in thousand units		
Passenger cars	535	261	255
TV receivers	17 521	19 326	17 171
Dish washing machines	4 309	5 886	5 581
Tyres	46 715	59 444	52 937

a Data concern economic entities employing more than 9 persons, while in 2022 in the case of production of selected products – more than 49 persons.
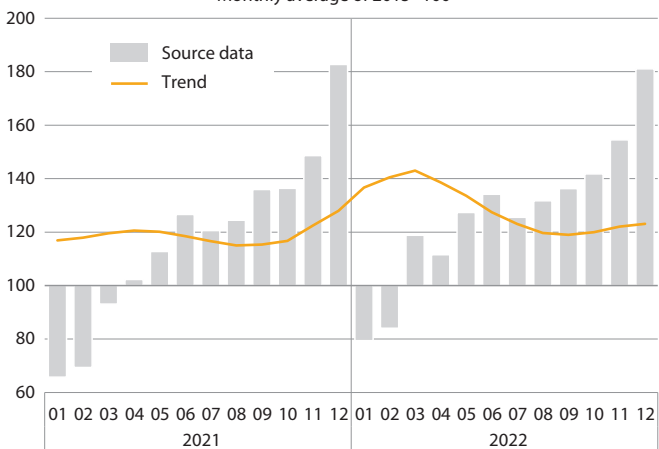
Construction

Construction[a]

	2015	2021	2022
Sale of construction and assembly production (current prices) in % of total – construction works:			
investments	61.0	60.0	57.1
repairs	39.0	40.0	42.9
Indices of construction and assembly production (constant prices) – previous year=100	102.8	103.2	106.2
Price indices of construction and assembly production – previous year=100	99.5	104.2	112.7

Sale of construction and assembly production[a] (constant prices)

Monthly average of 2015=100

Structure of construction and assembly production[a] by type of constructions (current prices)
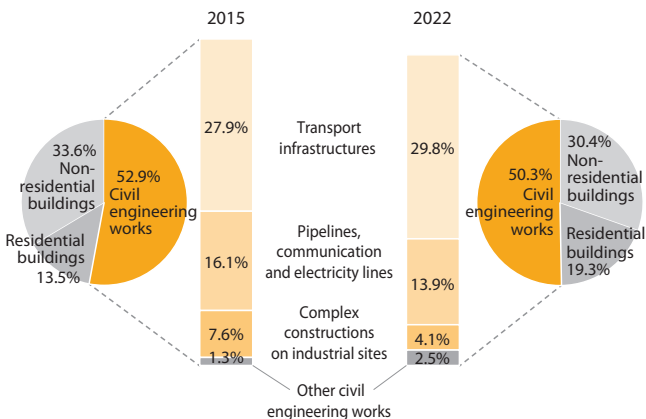
a Data concern economic entities employing more than 9 persons.

Technical infrastructure

	2015	2020	2021
Railway lines per 100 km^2 in km	6.2	6.2	6.2
Electrified railway lines in % of total standard gauge railway lines	61.7	62.6	62.8
Hard surface public roads per 100 km^2 in km	93.0	100.3	100.9
Express-ways in km	1 492	2 549	2 795
Motorways in km	1 559	1 712	1 761
Main pipelines for crude petroleum and petroleum products in km	2 483	2 483	2 483
Inland waterways in km	3 655	3 768	3 768
Maritime transport fleet:			
vessels	102	95	88
DWT in thousand tonnes	2 515	2 650	2 594

Hard surface public roads per 100 km^2 of total area (network density) in 2021 (as of 31 December)
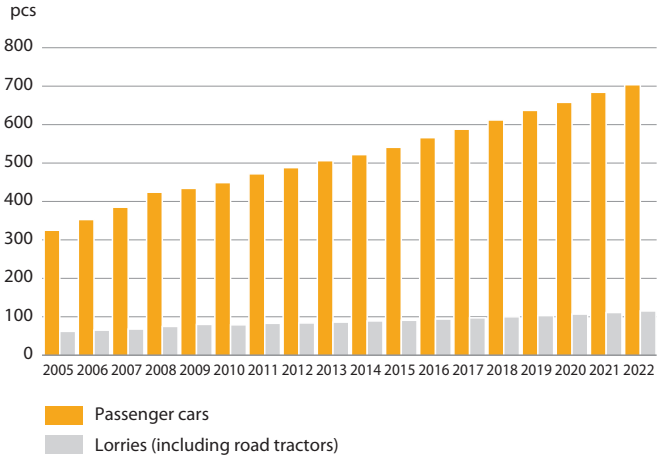

- 140.1–178.1 km
- 120.1–140.0
- 100.1–120.0
- 80.1–100.0
- 59.4– 80.0
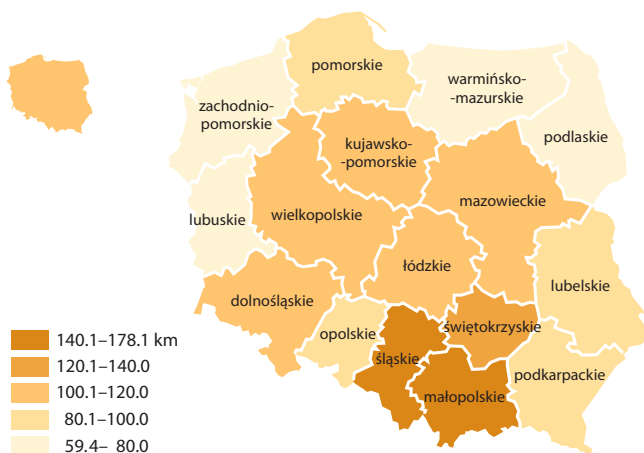
Transport of goods and passengers by means of transport

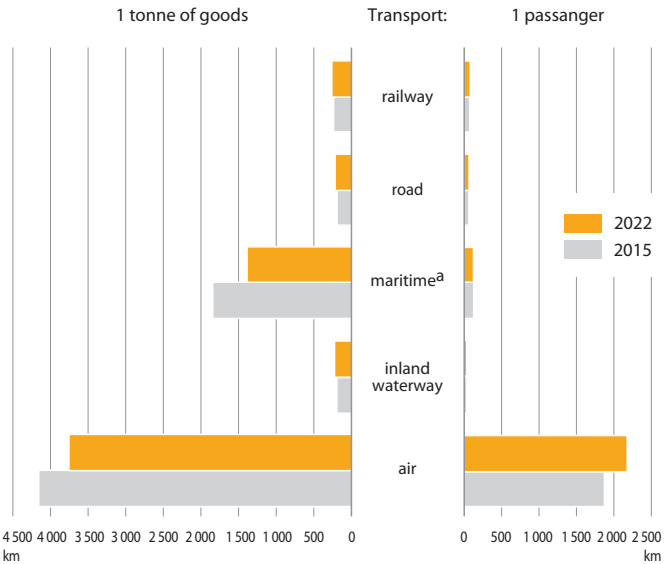|	2015	2020	2021	2015	2020	2021
	goods in thousand tonnes			passengers in thousand of persons[a]		
T o t a l[b]	1 804	2 614	2 253	703.7	373.8	423.0
of which:						
Railway transport[c]	224.3	218.4	237.9	277.3	208.7	244.9
Road transport	1 506	2 332	1 952	416.8	159.7	168.6
Air transport	0.04	0.06	0.09	7.3	3.6	7.0
Pipeline transport	54.9	51.5	49.9	.	.	.

a Excluding urban road transport. b Including maritime transport and inland waterway transport. c Excluding shounting.

Transport

Motor vehicles per 1 000 population (as of 31 December)

pcs

- Passenger cars
- Lorries (including road tractors)

Average transport distance

1 tonne of goods   Transport: 1 passanger

- railway
- road
- maritime[a]
- inland waterway
- air

2022
2015

4 500 4 000 3 500 3 000 2 500 2 000 1 500 1 000 500 0
km

0 500 1 000 1 500 2 000 2 500
km

a In the case of passangers including coastal transport.

Sales of products and services of transportation and storage

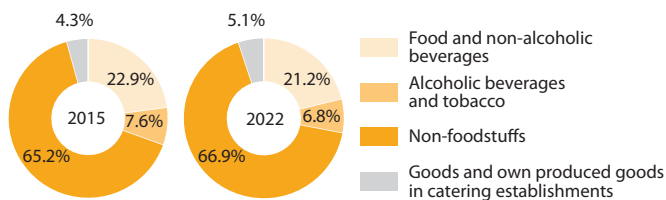|	2015	2020	2021
Indices of sales of transportation and storage (constant prices): previous year=100	102.4	95.8	111.6
2010=100	132.2	159.0	177.5

Retail and wholesale trade

	2015	2021	2022
Indices of retail sales (constant prices): previous year=100	105.4	106.9	102.9
2015=100	100.0	126.4	130.1
Indices of wholesale in trade enterprises (current prices): previous year=100	105.0	120.0	132.3
2015=100	100.0	165.6	219.2

Retail sales (constant prices)

2015=100

▭ Total	⋯⋯ Food and non-alcoholic beverages
	– – – Alcoholic beverages, tobacco
	—— Consumer goods non-foodstuffs
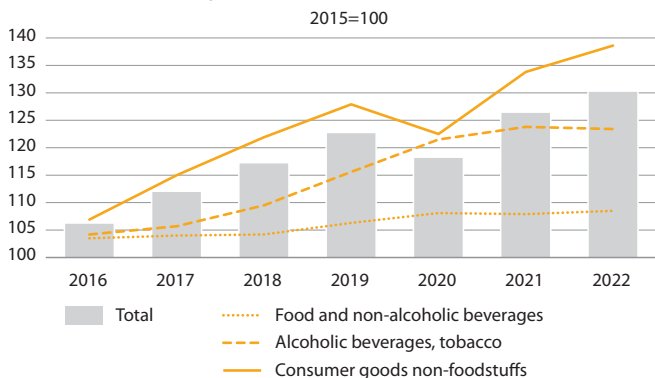
Structure of retail sales (current prices)

2015: 4.3%, 22.9%, 7.6%, 65.2%
2022: 5.1%, 21.2%, 6.8%, 66.9%

- Food and non-alcoholic beverages
- Alcoholic beverages and tobacco
- Non-foodstuffs
- Goods and own produced goods in catering establishments

Retail sales per capita (current prices)

2015   2022

🛒 = 1 000 PLN   18 775 PLN   31 439 PLN

Trade

Foreign trade turnover (current prices)

	Imports – cif		Exports		Balance	
	2015	2022	2015	2022	2015	2022
In billion PLN	741.0	1 699.8	750.8	1 607.3	9.9	-92.5
In billion USD	197.7	384.3	200.3	363.3	2.7	-21.0
In billion EUR	177.2	363.7	179.6	343.8	2.3	-19.8

Indices of foreign trade turnover (constant prices)

2015=100
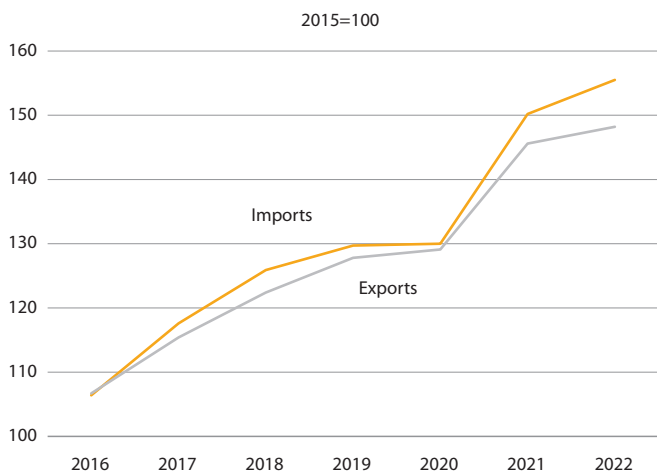
Foreign trade turnover by groups of countries in 2022
(current prices)

Imports

Exports

6.3% (-2.3)

31.6% (7.1)

62.1% (-4.7)

51.3% (-8.7)

10.8% (3.9)

75.6% (-3.8)

11.6% (5.3)

87.2% (1.5)

4.9% (-0.4)

7.9% (-1.1)

Developed countries:

Developed countries – European Union

Other developed countries

Central and East European countries

Developing countries
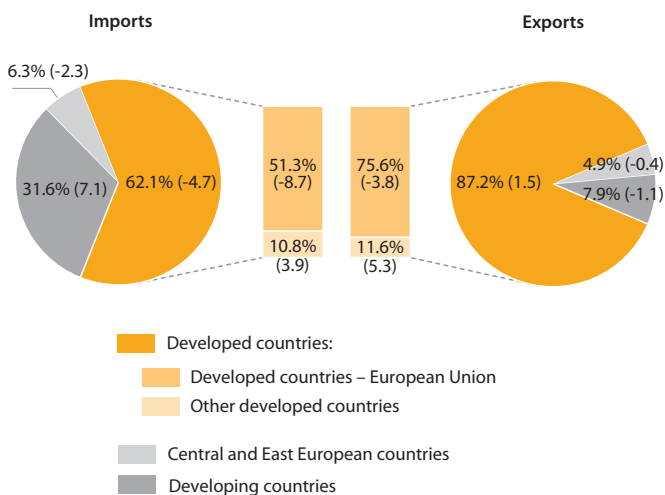
(-0.7) Change in the ratio to 2015 (in pp).

Imports and exports per capita (current prices)

Imports – cif = 1 000 PLN

Exports = 1 000 PLN

2015	2022	2015	2022

| 19 269 PLN | 44 935 PLN | 19 525 PLN | 42 490 PLN |
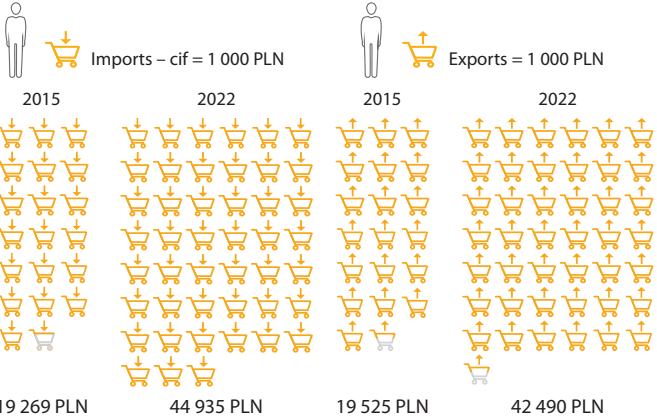
Imports and exports by SITC sections in 2022 (current prices)

	Imports	Exports
	in %	
T o t a l	100.0	100.0
Food and live animals	6.6	11.3
Beverages and tobacco	0.7	1.6
Crude materials inedible, except fuels	2.9	2.2
Mineral fuels, lubricants and related materials	9.9	3.8
Animal and vegetable oils, fats and waxes	0.7	0.4
Chemicals and related products	14.3	9.9
Manufactured goods classified chiefly by material	16.3	18.2
Machinery and transport equipment	30.9	35.9
Miscellaneous manufactured articles	13.1	16.3
Commodities and transactions not classified elsewhere in SITC	4.6	0.4

Foreign trade turnover by major partners
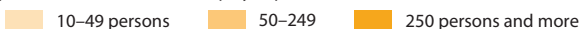(current prices)

Imports

Germany, China, Italy, Russia, Netherlands, France, Others

Exports

Germany, Czechia, France, United Kingdom, Italy, Netherlands, Others

0 10 20 30 40 50%
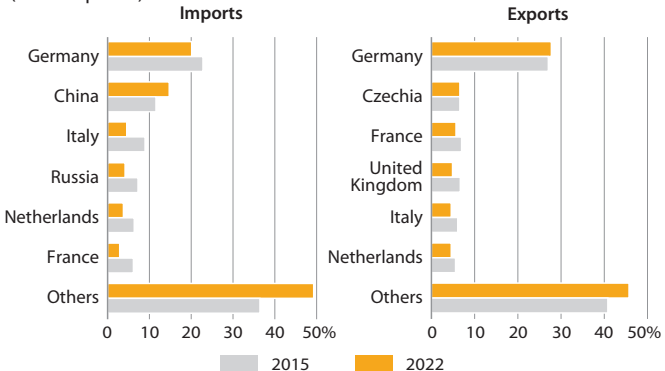
2015 2022

Non-financial enterprises. Investments

**Basic data about non-financial enterprises[a]
by class size in 2022**

Enterprises	62.9%	29.3%	7.8%
Employed persons	12.6%	27.2%	60.2%
Enterprises reported net profit	62.3%	29.6%	8.1%
Enterprises reported export sales	47.3%	38.9%	13.8%
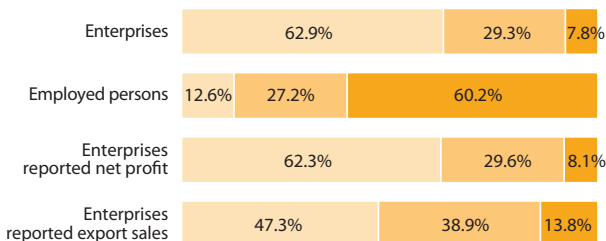
Enerprises with the number of employed persons:

☐ 10–49 persons   ☐ 50–249   ☐ 250 persons and more

Financial results of enterprises[a]

	2015	2021	2022
Total revenues in million PLN	3 017 976	4 562 485	5 775 351
Total costs in million PLN	2 884 629	4 251 564	5 422 312
Financial result in million PLN			
gross	133 488	310 921	353 039
net	113 442	262 882	292 587
Indicators in %:			
cost level	95.6	93.2	93.9
gross sales profitability	4.6	5.8	6.1
gross turnover profitability	4.4	6.8	6.1
net turnover profitability	3.8	5.8	5.1
first degree financial liquidity	39.0	44.9	39.9
second degree financial liquidity	103.4	109.4	106.8

Investment outlays in enterprises[a] (current prices)

2015=100

— Total
— Buildings and structures
···· Machinery, technical equipment and tools
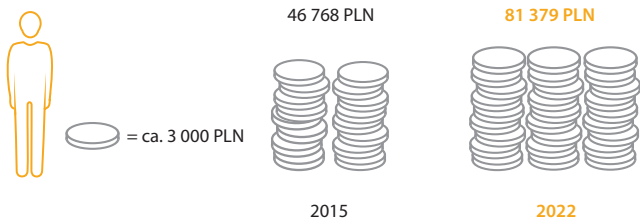— Transport equipment

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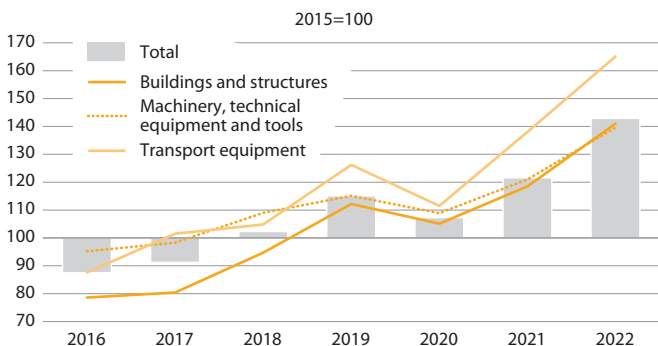
a Data concern non-financial enterprises (legal entities) with 10 and more persons employed keeping accounting ledgers. The data do not include sections A and K according to NACE rev. 2; higher education institutions; independent public health care facilities; cultural institutions with legal personality; trade unions, religious and political organisations.
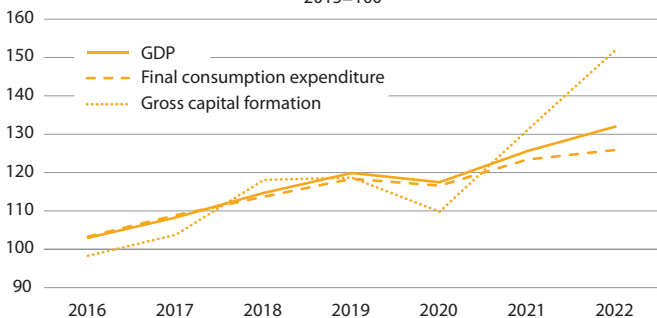
National accounts. EDP notification

Gross domestic product per capita (current prices)

46 768 PLN

81 379 PLN

= ca. 3 000 PLN

2015

2022

Gross domestic product (constant prices)

2015=100

- GDP
- Final consumption expenditure
- Gross capital formation

Gross domestic product

	2015	2021	2022
Indices of gross domestic product (constant prices): previous year=100	104.4	106.9	105.1
2015=100	100.0	125.6	132.0
Indices of gross value added (constant prices): previous year=100	104.5	106.6	105.0
2015=100	100.0	124.5	130.7

Share of institutional sectors in generation of gross value added in 2022 (current prices)

Sector:

- non-financial corporations
- households
- general government
- financial corporations
- non-profit institutions serving households NPIS
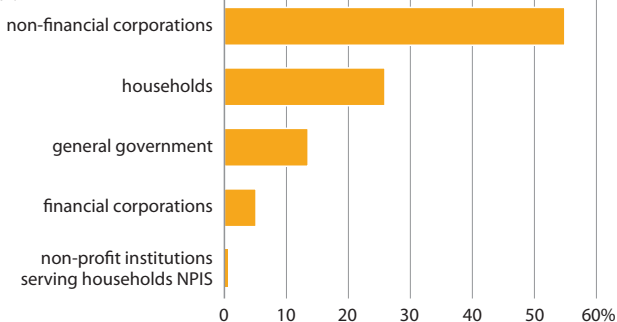
National accounts. EDP notification

Structure of GDP generation in 2022 (current prices)

Taxes less subsidies 11.1%

Construction 5.4%

Industry 24.5%

Agriculture, forestry and fishing 2.2%

Total services 56.8%

13.9%	Trade; repair of motor vehicles
5.4%	Transportation and storage
4.4%	Public administration and defence; compulsory social security
5.1%	Real estate activities
3.9%	Education
4.6%	Human health and social work activities
19.5%	Other services
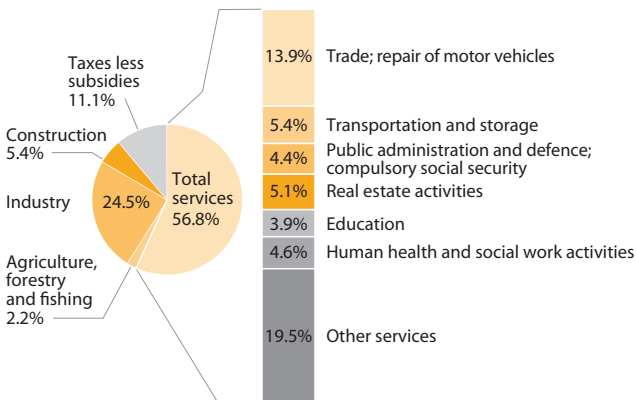
Domestic demand

	2015	2021	2022	2022
	previous year=100 (constant prices)			in % of GDP (current prices)
Domestic demand	103.9	108.5	105.1	98.5
final consumption expenditure	103.5	105.8	102.0	74.6
of which:				
consumption expenditure of household sector	103.8	106.2	103.3	55.9
public consumption expenditure	102.4	105.0	98.0	17.9
gross capital formation	105.6	119.4	115.9	23.9
of which gross fixed capital formation	106.9	101.2	105.0	16.7[a]

a Investment rate.

## Deficit and debt of the general government sector in % of GDP

% GPD

Debt: 54,0 55,1 54,8 57,1 51,4 51,3 54,5 50,8 48,7 45,7 57,2 53,6 49,1

Deficit: -7,5 -5,0 -3,8 -4,3 -3,7 -2,6 -2,4 -1,5 -0,2 -0,7 -6,9 -1,8 -3,7

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022
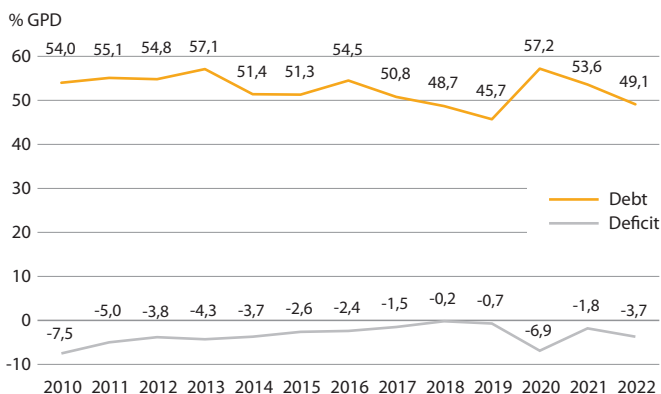
Current account of balance of payments

	2015	2021	2022
	in million USD		
Current account	-6 170	-9 562	-20 651
goods (net)	-2 352	-8 727	-25 545
services (net)	12 263	31 682	38 352
primary income[a] (net)	-17 961	-32 080	-31 268
secondary income (net)	1 880	-437	-2 190

a Including investment and interest income.

United States dollars, euro and Swiss franc average exchange rate of the National Bank of Poland
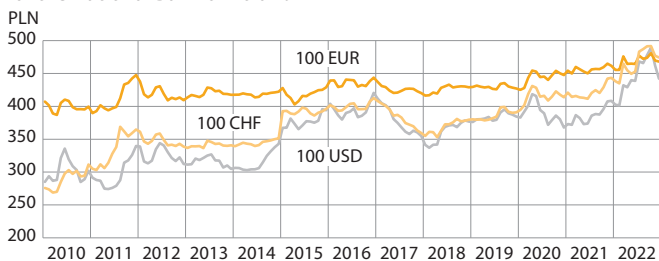
Selected financial institutions (as of 31 December)

|	2015	2021	2022
Banks	626	578	560
commercial banks	65	67	64
of which banks with majority of foreign capital	53	54	51
cooperative banks	561	511	496
Investment funds	815	706	672
Investment fund societies	60	57	55
Insurance companies	57	55	53
of which companies with majority of foreign capital	41	33	32
Cooperative savings and credit unions	48	22	19

The companies listed on the Warsaw Stock Exchange and their capitalisation

	2015	2021	2022
Number of companies[a]	487	430	415
of which domestic companies	433	383	371
Market capitalisation[a] in million PLN	1 082 863	1 312 723	1 114 193
domestic companies	516 785	701 152	574 669
foreign companies	566 077	611 571	539 524
Average turnover value (shares and rights to shares) per session in million PLN	898	1 319	1 168

a End of the year.

Finances

Market capitalisation and the Warsaw Stock Exchange Indice (WIG)
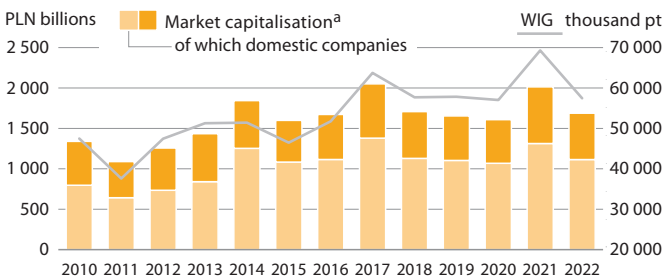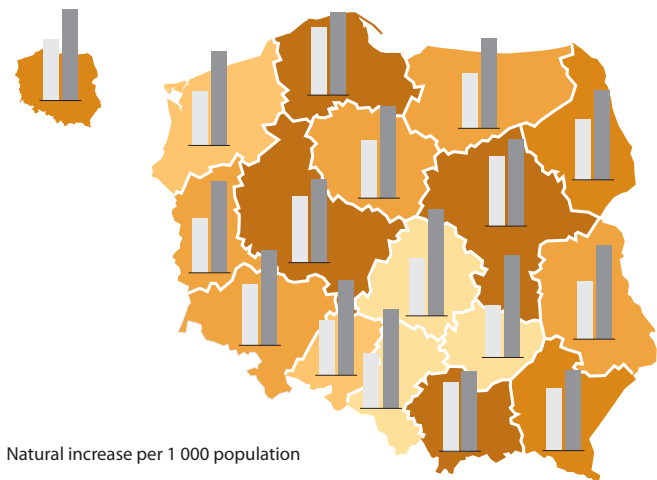

a End of the year.

The state budget

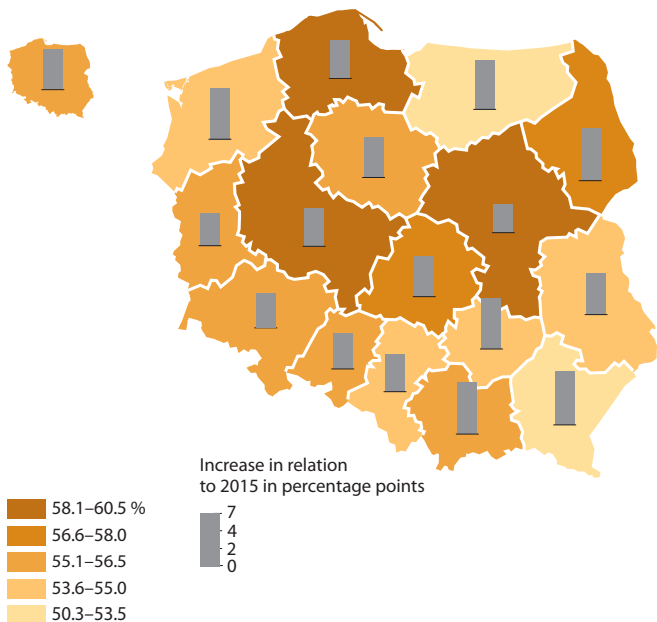|	2015	2020	2021	
	in million PLN			in percent
Revenue	289 137	419 796	494 843	100.0
of which:				
indirect taxes	187 267	258 677	294 581	59.5
corporate income tax	25 813	41 293	52 374	10.6
personal income tax	45 040	63 797	73 606	14.9
Expenditure	331 743	504 776	521 217	100.0
of which:				
public debt servicing	29 169	29 300	25 958	5.0
grants to:				
Social Insurance Fund	42 066	45 522	34 990	6.7
Pension Fund	17 037	18 430	18 367	3.5
general subvention for local government units	51 049	66 738	78 032	15.0
current expenditure of budgetary units	61 944	85 438	92 371	17.7
European Union own resources	18 196	24 828	32 230	6.2
State budget result – deficit (-)	-42 607	-84 980	-26 373	.
European funds budget result – surplus (+)/ deficit (-)	-3 232	-1 773	661	.

Relation to gross domestic product (current prices)

	2015	2020	2021
	in %		
Revenue of state budget	16.1	18.0	18.9
Expenditure of state budget	18.4	21.6	19.9
State budget result – deficit (-)	-2.4	-3.6	-1.0
European funds budget result – surplus (+)/ deficit (-)	-0.2	-0.1	0.0
Public debt	48.8	47.6	43.8

Vital statistics in 2022

Natural increase per 1 000 population

■	-2.4– -1.4
■	-4.4– -2.5
■	-4.9– -4.5
■	-5.4– -5.0
■	-6.5– -5.5

14
12
8
4
0

☐ Live births
■ Deaths

Employment rate on the basis of LFS in 2022 (annual averages)

Increase in relation
to 2015 in percentage points

7
4
2
0

■	58.1–60.5 %
■	56.6–58.0
■	55.1–56.5
■	53.6–55.0
■	50.3–53.5

Basic data on voivodships

Unemployment rate on the basis of LFS in 2022 (annual averages)

■ 4.6–4.8 %	
■ 3.1–4.5	
■ 2.6–3.0	
■ 1.9–2.5	
■ No data	

Decrease in relation
to 2015 in percentage points

- 0
- -2
- -4
- -6
- -8
- -10
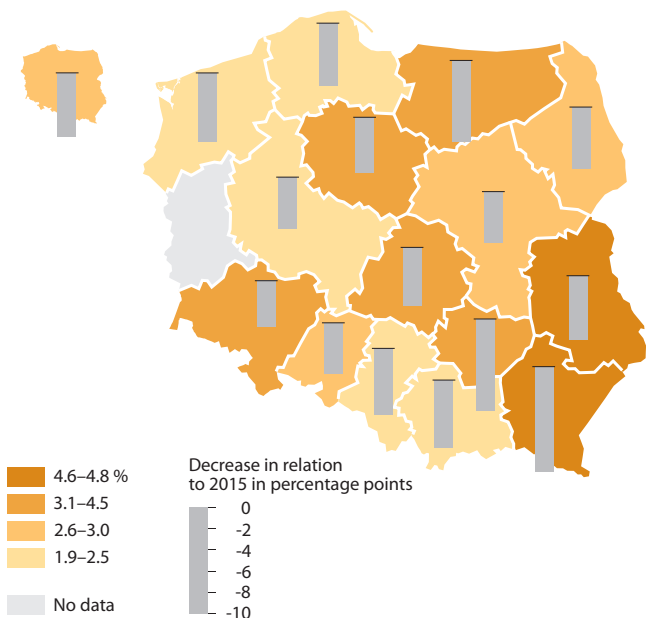
Average monthly available income per capita in households in 2022
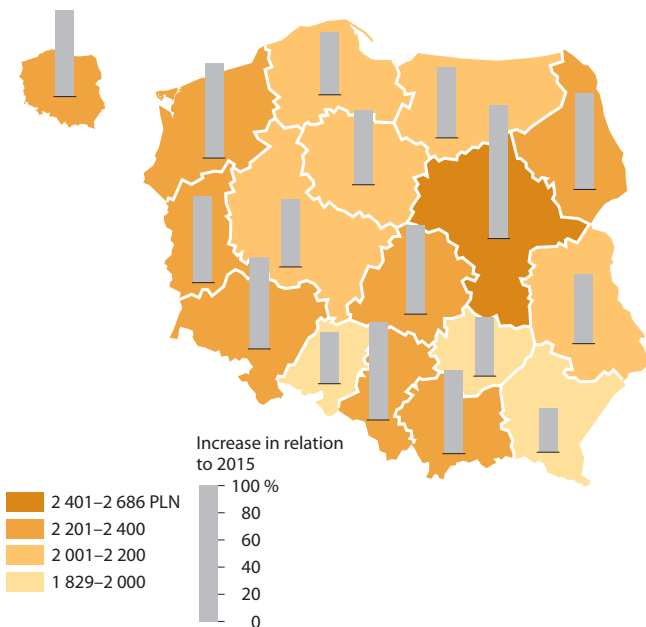
■ 2 401–2 686 PLN	
■ 2 201–2 400	
■ 2 001–2 200	
■ 1 829–2 000	

Increase in relation
to 2015

- 100 %
- 80
- 60
- 40
- 20
- 0

Average monthly expenditure per capita in households in 2022

Increase in relation
to 2015

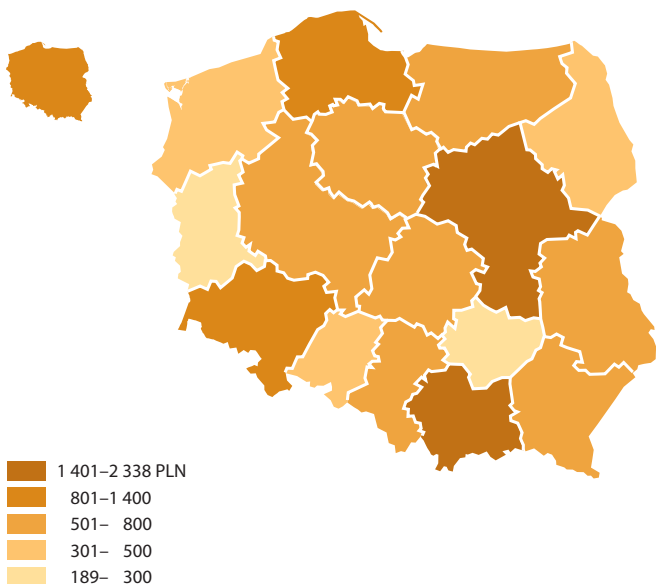1 601–1 673 PLN
1 501–1 600
1 401–1 500
1 301–1 400
1 162–1 300

60 %
40
20
0
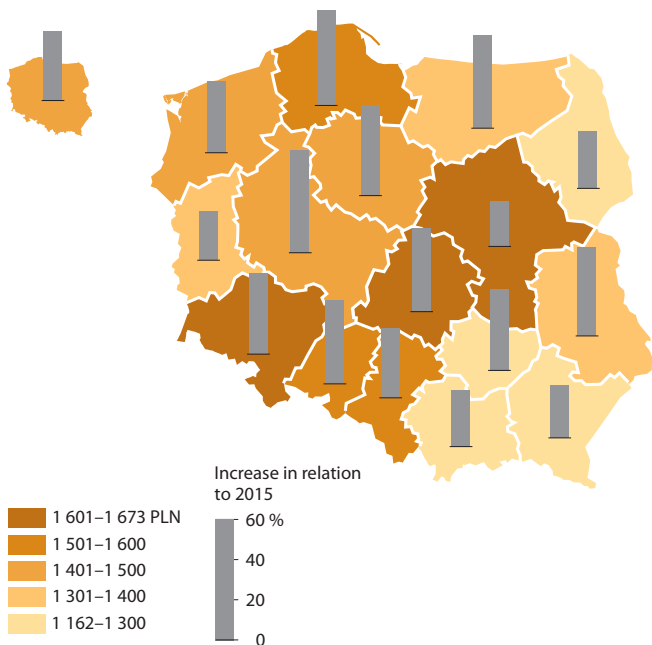
Non-financial sector enterprises equipping their employees with portable devices enabling mobile access to the Internet in 2022
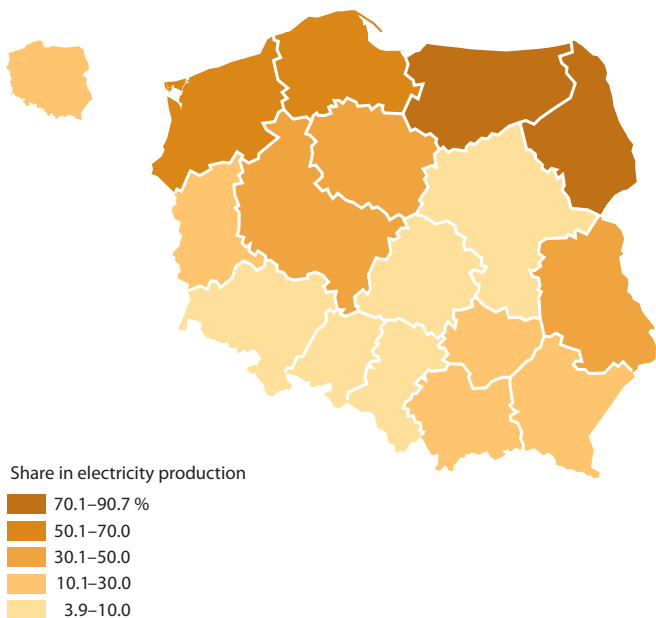

Increase in relation
to 2015 in percentage points

94.6–97.0 %
92.6–94.5
90.6–92.5
88.6–90.5
86.5–88.5

90
80
60
40
20
0
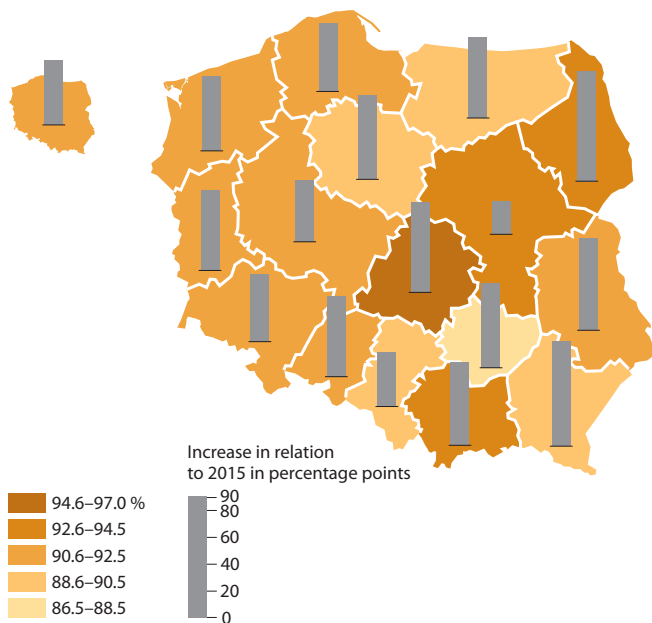
Basic data on voivodships

Gross domestic expenditure on research and development activity per capita in 2021 (current prices)

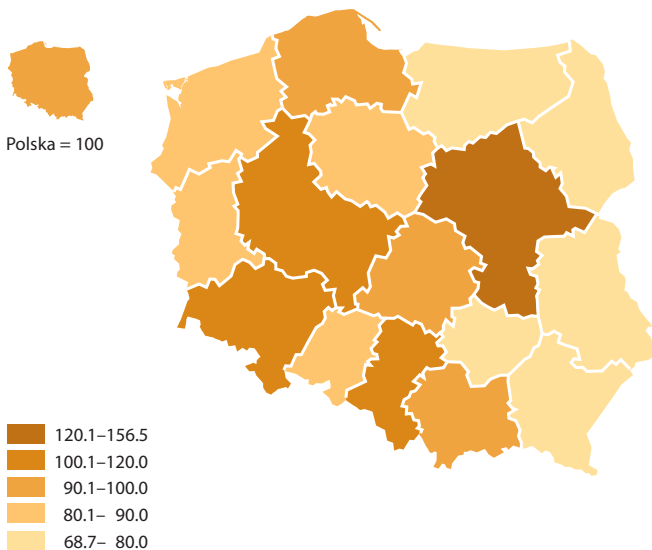|	
■	1 401–2 338 PLN
■	801–1 400
■	501– 800
■	301– 500
■	189– 300

Energy from renewable sources in 2021

Share in electricity production

■	70.1–90.7 %
■	50.1–70.0
■	30.1–50.0
■	10.1–30.0
■	3.9–10.0

Gross domestic product per capita in 2021 (current prices)

Polska = 100

■	120.1–156.5
■	100.1–120.0
■	90.1–100.0
■	80.1– 90.0
■	68.7– 80.0

Investment outlays per capita in 2021 (current prices)

■	10 001–14 828 PLN
■	9 001–10 000
■	8 001– 9 000
■	7 001– 8 000
■	5 602– 7 000
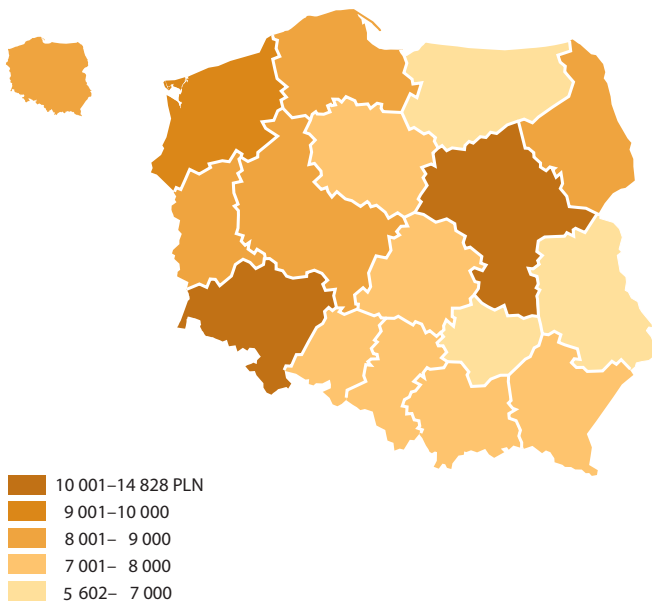
- Data contained in the folder are presented in accordance with the Polish Classification of Activities – PKD 2007, compiled on the basis of the Statistical Classification of Economic Activities in the European Community – NACE Rev. 2.

- Data concerning the population and the households were compiled on the basis of population balances based on the results of the National Population and Housing Census: for years 1990–2009 – 2002 Census, for years 2010–2019 – 2011 Census, since 2020 – 2021 Census.

- Data concerning economic activity of the population were compiled on the basis of sample Labour Force Survey (LFS) and recalculated taking into account the methodological changes in force since 2021. Data were generalised based on population balances on the basis of the National Population and Housing Census 2011.

- Source of information regarding the living conditions of the population, i.e. the level and structure of available income, expenditure as well as consumption of selected foodstuffs is a sample survey of household budgets.

- Data concerning national accounts are presented in compliance with the methodology of European System of National and Regional Accounts ESA 2010 (on the basis revision from 2014).

- Some data for 2022 are preliminary and may change in other publications of Statistics Poland.

Symbols

(–)	magnitude zero
(0)	magnitude not zero, but less than 0.5 of a unit
(0.0)	magnitude not zero, but less than 0.05 of a unit
(.)	data not available, classified data (statistical confidentially) or providing data impossible or purposeless

Major abbreviations

PLN	zloty
EUR	euro
USD	United States dollar
CHF	Swiss franc
bn	billion