Poland in figures 2024

Statistics Poland

Selected data about Poland

|	2023
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	31 393
Population in thousands	37 637
Population density per 1 km^2	120
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	Marzęcino – 2.2
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 2023.

Population

Population (as of 31 December)

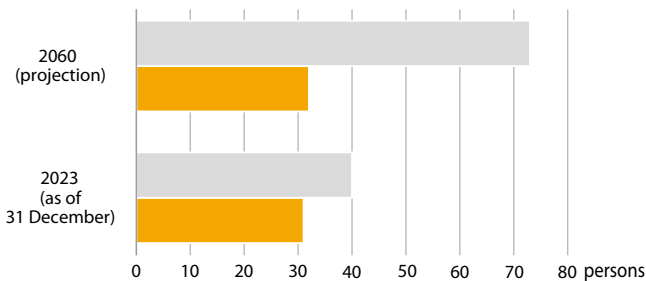|	1990	2000	2010	2020	2023
T o t a l in thousands	38 073	38 254	38 530	38 089	37 637
of which females	19 521	19 717	19 877	19 671	19 454
Urban population in %	62	62	61	60	59
Females per 100 males	105	106	107	107	107
urban areas	108	110	111	111	112
rural areas	100	101	101	100	101
Median age of population	32.3	35.4	38.0	41.6	42.8
males	30.9	33.4	36.3	40.0	41.2
females	33.7	37.4	39.9	43.2	44.4

Population by the economic age groups (as of 31 December)

Age:
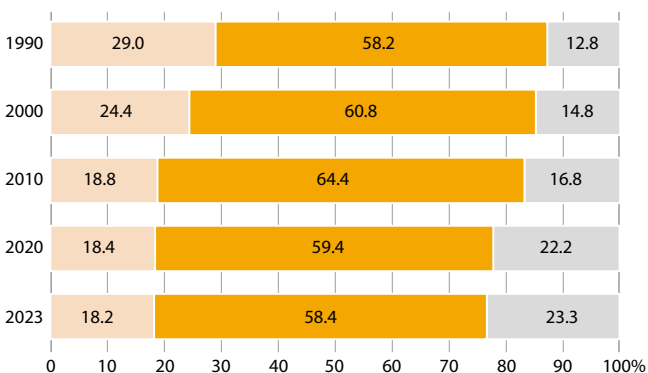
- pre-working (0–17 years)
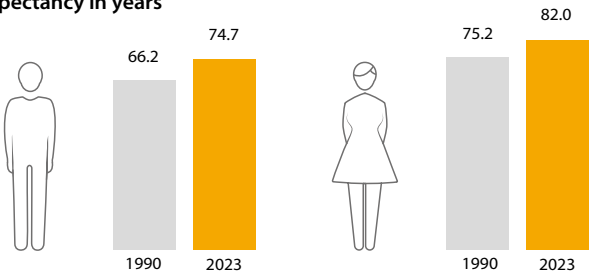- working (18–59/64 years)
- post-working (60/65 years and more)

The number of persons at the non-working age per 100 persons at the working age

Age:

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

Life expectancy in years

	1990	2023
Men	66.2	74.7
Women	75.2	82.0

Vital statistics

	1990	2000	2010	2020	2023
Per 1 000 population:					
live births	14.3	9.9	10.7	9.3	7.2
deaths	10.2	9.6	9.8	12.5	10.9
natural increase	4.1	0.3	0.9	-3.2	-3.6
marriages contracted	6.7	5.5	5.9	3.8	3.9
divorces	1.1	1.1	1.6	1.3	1.5
Separations in thousands	.	1.3	2.8	0.7	0.6
Infant deaths per 1 000 live births	19.3	8.1	5.0	3.6	3.9

Total fertility rate

1990	2023
1.991	1.158
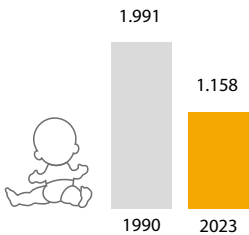
Average age of mothers at birth of first child

1990	2023
22.7	29.0
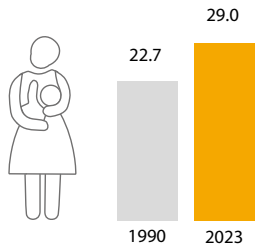
International migration of population for permanent residence

thousand of persons
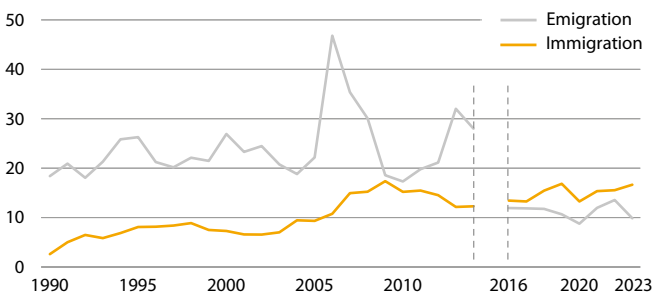
N o t e. Data for 2015 not available.

Education

Pre-primary education[a]

	2015/16	2020/21	2022/23
Children in pre-primary establishments per:			
1 000 children aged 3–6 years	698	900	973
nursery school	101	108	112

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: 2021/22

higher education institutions

post-secondary

post-primary

lower secondary

primary

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

Males   Females
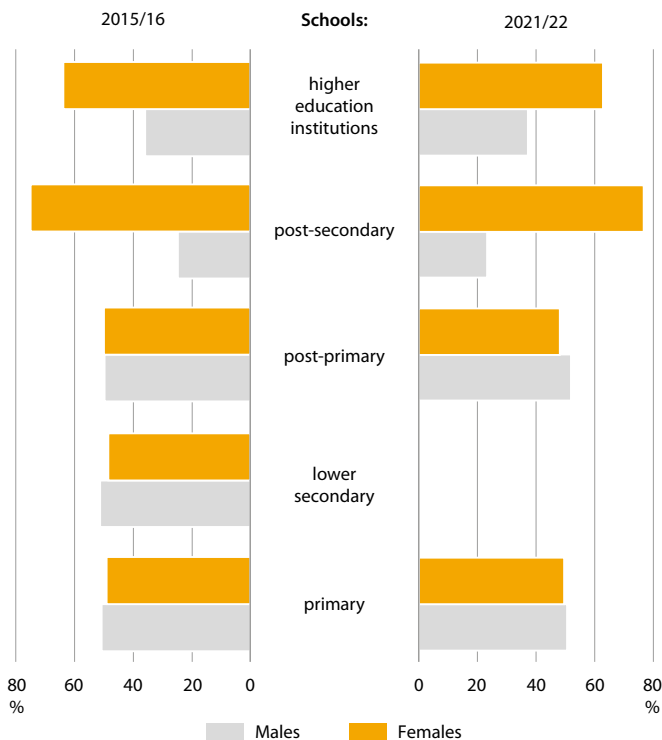
Pupils and students[a] by age groups

	2015/16	2021/22	2022/23
	in % of population of a given age group		
Age groups:			
7–14 years[b]	90.6	96.5	100.3
15–18[c]	94.0	95.9	95.7
19–24	52.9	52.3	51.9
25–29	7.9	8.1	8.0
30 years and more	0.8	0.9	0.9

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

Students of higher education institutions

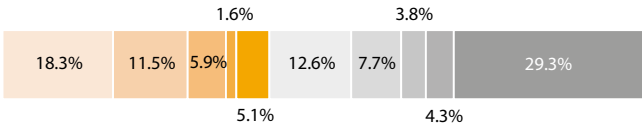|	2015/16	2021/22	2022/23
T o t a l in thousands	1 405.1	1 218.2	1 223.6
of which foreigners	57.1	89.4	105.4
Per 10 thousand population[a]:	351	298	296
females	394	340	340
males	304	252	249

a Excluding foreigners.

Students of higher education institutions by narrow field of education in the 2022/23 academic year

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
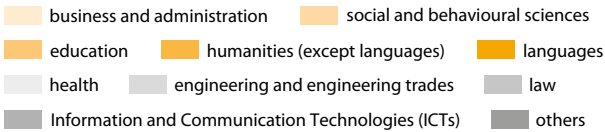
Early leavers from education and training and participation rate in education and training[a] – based on LFS

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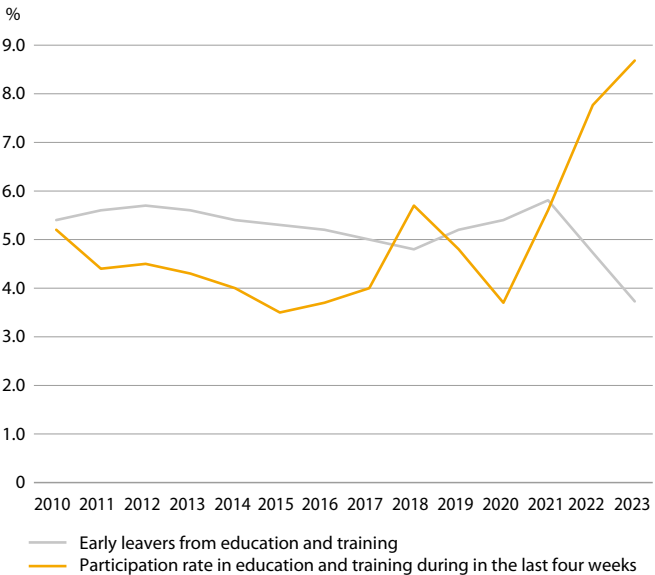
a Data concern the share of population of a given age group: for youth – persons aged 18–24 having at most lower secondary education, for adults – persons aged 25–64.

Labour market

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

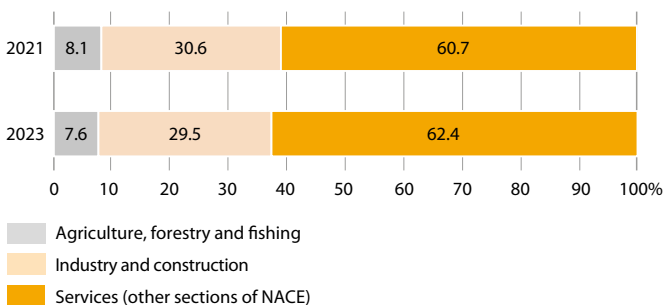|	2021	2022	2023
	in thousands		
Economically active persons	17 760	17 762	17 809
of which women	8 036	8 094	8 179
of which at working age[a]	17 006	16 984	17 034
employed persons	17 161	17 251	17 307
of which women	7 764	7 858	7 945
unemployed persons[b]	599	511	502
of which women	272	236	234
Economically inactive persons	12 772	12 637	12 550
of which women	7 846	7 723	7 620

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

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

Year	Agriculture, forestry and fishing	Industry and construction	Services (other sections of NACE)
2021	8.1	30.6	60.7
2023	7.6	29.5	62.4

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

Economically active population aged 15–89 in 2023 (annual averages) – **based on LFS**

	Activity rate	Employment rate	Unemployment rate
	in %		
T o t a l	58.7	57.0	2.8
of which women	51.8	50.3	2.9
of which at working age[a]	81.2	78.9	2.9
By age:			
15–24 years	32.4	28.7	11.3
25–34	88.4	85.7	3.0
35–44	89.9	88.0	2.1
45–54	87.3	85.5	2.0
55–59/64	72.3	70.9	2.0
60/65–89 years	9.1	9.0	.

a Men aged 18–64, women – 18–59.

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

	2021	2022	2023
T o t a l in thousands	599	511	502
In % of total – unemployed persons:			
women	45.4	46.2	46.6
at working age	99.3	98.6	98.6
never in employment	15.9	16.8	17.1
end of temporary job, seasonal	23.2	22.9	22.9
long-term unemployed (13 months and more)	17.9	20.9	17.3
Unemployment rate in %	3.4	2.9	2.8
Average duration of unemployment in months	8.0	8.4	7.9

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

| Lower secondary, primary, incomplete primary and without school education | Basic vocational or basic sectoral vocational[a] | General secondary |
| Vocational secondary[b] | Post-secondary | Tertiary |
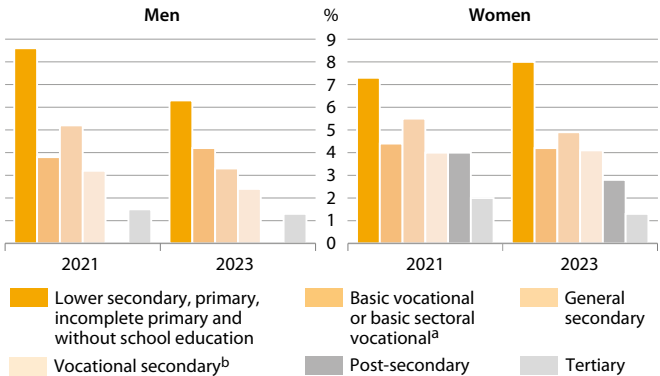
a Since the third quarter of 2020 including basic sectoral vocational.
b Since the third quarter of 2022 including secondary sectoral vocational education.

Vacancies (annual averages)

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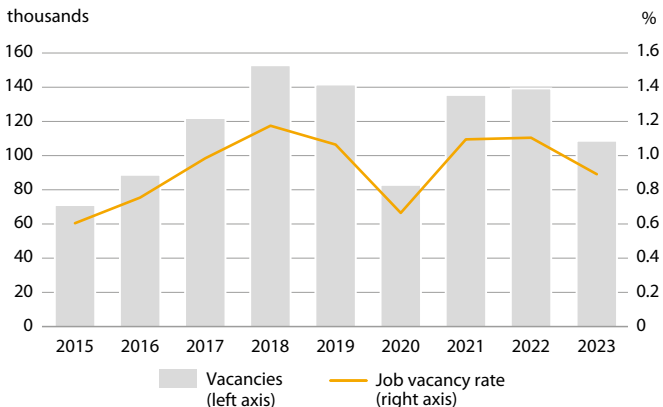
Wages and salaries and social benefits

Wages and salaries

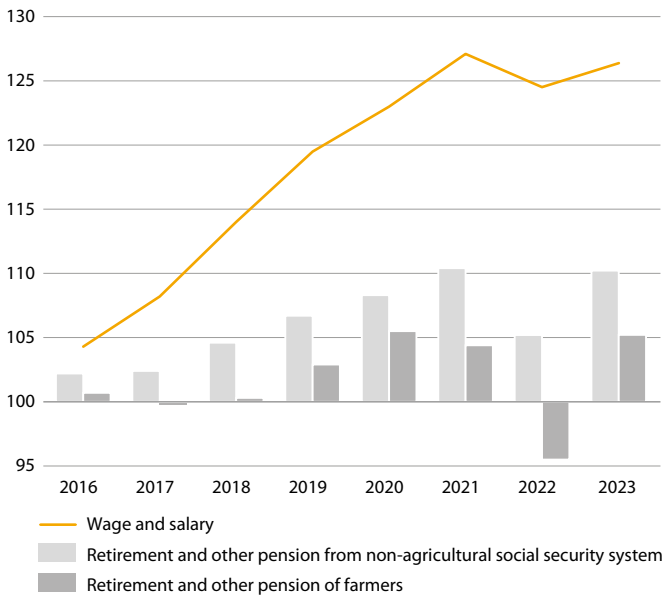|	2015	2022	2023
Average monthly gross wage and salary in total in PLN	3 907.85	6 362.90	7 155.48
public sector	4 482.55	6 981.20	7 971.55
private sector	3 664.68	6 134.97	6 929.33
Average monthly gross wage and salary in total – previous year=100:			
nominal	103.5	112.0	112.5
real	104.5	98.2	101.1

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	2022	2023
Average monthly gross retirement and other pension:			
from non-agricultural social security system:			
nominal in PLN	2 049.26	2 869.65	3 364.38
real – previous year=100	103.5	95.3	104.7
of farmers:			
nominal in PLN	1 179.63	1 500.52	1 847.27
real – previous year=100	103.6	91.5	110.0

Prices

Price indices of consumer goods and services

	2015	2022	2023
	previous year=100		
T o t a l	99.1	114.4	111.4
Goods	98.2	115.4	111.4
Services	101.4	111.2	111.2

Price indices of consumer goods and services

Previous year=100

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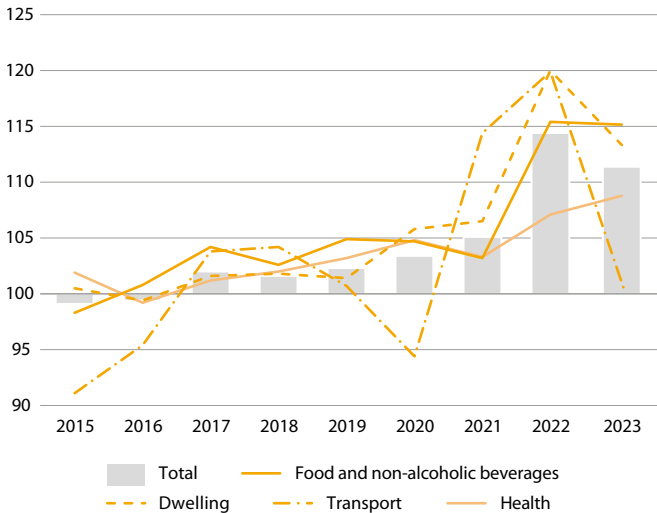
Retail prices of selected goods in PLN

	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 m^3	95 octane motor petrol per 1 l
2015	4.40	2.87	2.74	41.24	5.62	3.73	4.65
2023	9.64	4.37	3.74	64.48	7.68	4.72	6.58
Changes in prices level	119.1%	52.3%	36.5%	56.4%	36.7%	26.5%	41.5%

Households

Households

	2015	2022[a]	2023[a]
Average number of persons in a household	2.72	2.47	2.43
Average monthly income per capita in a household:			
available income in PLN	1 386.16	2 355.22	2 678.30
of which in %:			
from hired work	54.7	56.1	55.7
from the private farm in agriculture	3.2	3.4	2.9
from self-employment	8.7	9.4	10.1
from social benefits	28.7	29.4	29.6
disposable income in PLN	1 337.87	2 299.60	2 622.11

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%
2023	26.5%	35.3%	16.9%	14.3%	4.7%	2.3%
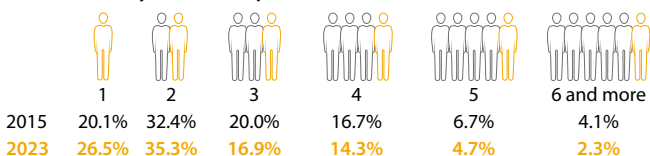
Average monthly expenditures per capita in household in 2023[a] (in % of total expenditure)
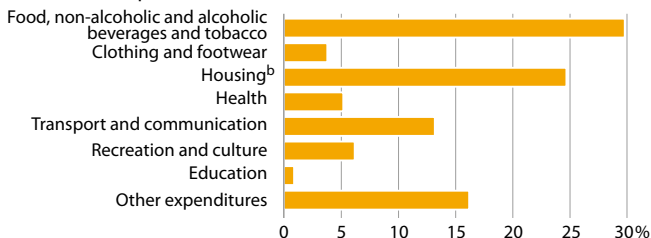
b Housing, furnishings, electricity, gas and other fuels.

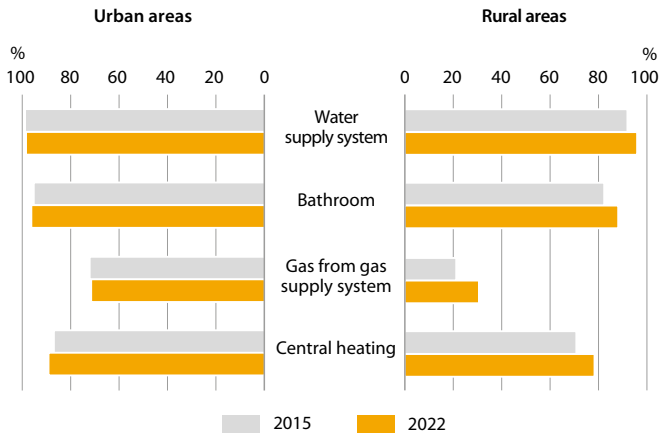**Average monthly consumption of selected foodstuffs per capita in a household**

	2015	2022[a]	2023[a]
Bread and cereals in kg	6.06	5.20	4.99
Meat in kg	5.27	4.99	4.85
Fish and seafood in kg	0.33	0.25	0.24
Milk in l	3.15	2.79	2.76
Cheese and curd in kg	0.83	0.96	1.01
Eggs in units	11.76	10.70	10.60
Oils and fats in kg	1.15	1.03	1.01
Fruit in kg	3.59	3.63	3.71
Vegetables in kg	8.68	7.33	6.83
Sugar, jam, honey, chocolate and confectionery in kg	1.83	1.68	1.58
Mineral or spring waters in l	4.57	5.84	5.95

a The data were compiled on the basis of newly, introduced in 2023, method of results generalisation, which additionally takes into account the population structure by age and gender, therefore are not directly comparable with the data published for previous years.
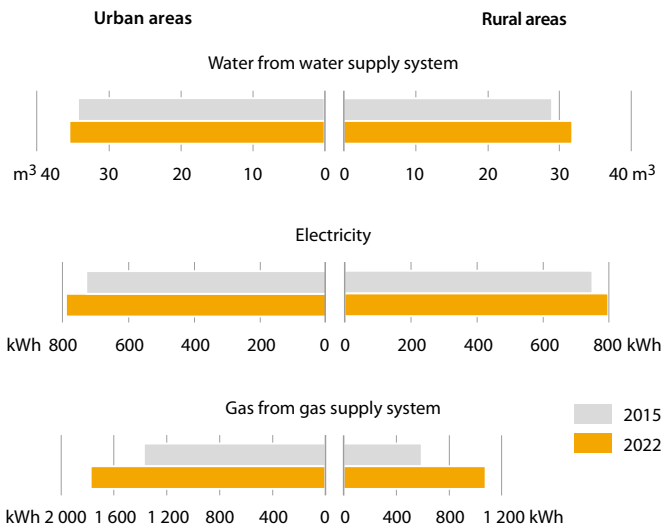
Dwellings

Dwellings completed

	2015	2022	2023
T o t a l in thousands	147.7	238.5	221.3
of which in urban areas	91.0	148.1	141.4
Per 1 000 population	3.8	6.3	5.9
Average useful floor area per dwelling in m^2	99.8	92.3	90.0

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

Urban areas   **Rural areas**

2015   2022

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
2022

Health

Hospitals (as of 31 December)

	2015	2021	2022
General hospitals	956	899	896
Beds[a] per 10 thousand population	48.6	44.4	43.5
In-patients (excluding inter-ward patients transfer; during the year) per 10 thousand population	2 027	1 667	1 823
Average patient stay in days	5.4	5.4	5.3

a Including beds and incubators for newborns.

Medical personnel[a]
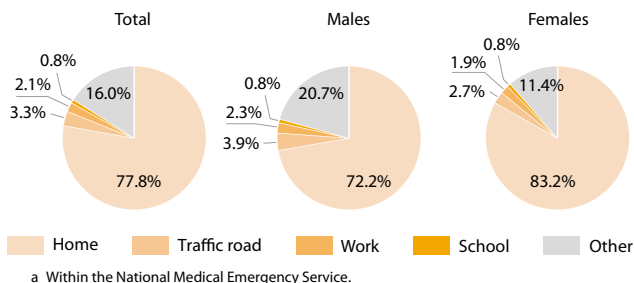(as of 31 December)

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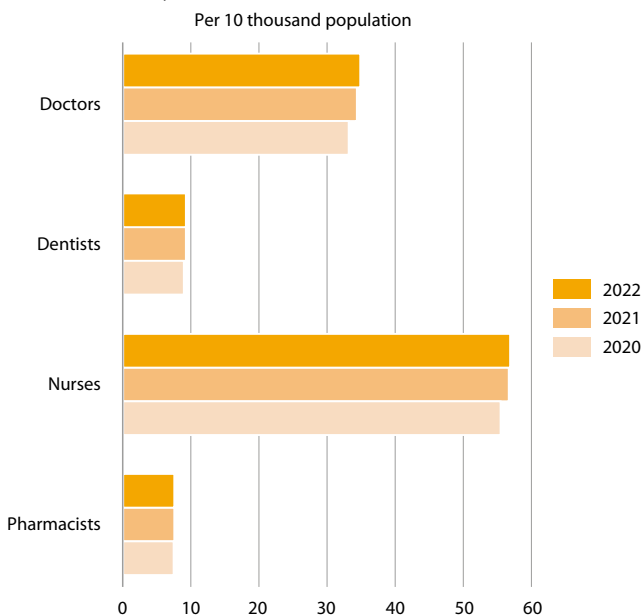
a Excluding persons for whom the primary workplace is university, units of state or local self-government administration or the National Health Fund. Data concerning doctors, dentists and nurses have been compiled based on administrative resources; data concerning pharmacists have been compiled based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

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

	2015	2021	2022
Out-patient health care:			
out-patient departments	20 412	21 968	22 601
doctors and dentists practices	5 550	3 753	3 478
consultations provided (during the year) per capita	8.3	8.4	8.9
Generally available pharmacies	12 740	11 866	11 657
Pharmaceutical outlets	1 299	1 147	1 119

Persons who received health care benefits in 2022 by the place of occurrence (during the year)[a]

Total

| 16.0% |
| 0.8% |
| 2.1% |
| 3.3% |
| 77.8% |

Males

| 20.7% |
| 0.8% |
| 2.3% |
| 3.9% |
| 72.2% |

Females

| 11.4% |
| 0.8% |
| 1.9% |
| 2.7% |
| 83.2% |

Home | Traffic road | Work | School | Other

a Within the National Medical Emergency Service.

Blood donors per 10 thousand population in 2022

Total
164.5

253.5

81.2
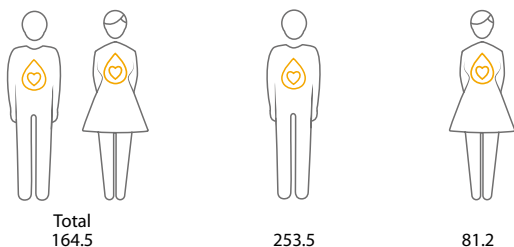
Self-perceived health by sex in 2022
(in % of population age 16 and more in a given sex)

66.0%	Very good and good	59.2%
25.2%	Fair	30.0%
8.8%	Bad and very bad	10.8%

Source: EU-SILC 2022.

Deaths by causes

%

2015
2022

| Diseases of the circulatory system | Malignant neoplasms | Injuries and poisonings | Symptoms and ill-defined conditions | Others[a] |
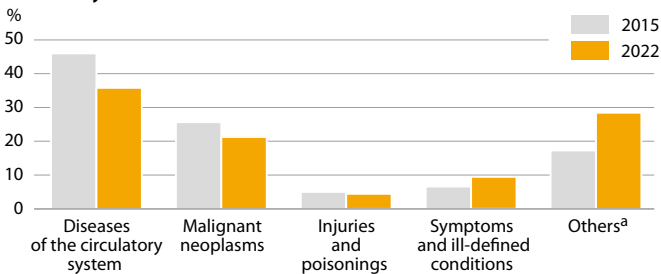
a In 2022, other causes include 6.7% deaths due to COVID-19.

Culture. Tourism

Cultural institutions (as of 31 December)

|	2015	2022	2023
Theatres and music institutions[a]	177	182	182
Indoor cinemas	450	532	535
Screens in indoor cinemas	1 276	1 565	1 585
Museums and arts galleries	1 257	1 273	1 291
Public libraries and branches	8 050	7 638	7 570
Mass events	6 280	5 247	6 313

a With their own artistic ensamble.

Visitors of cultural establishments per 1 000 population (during the year)
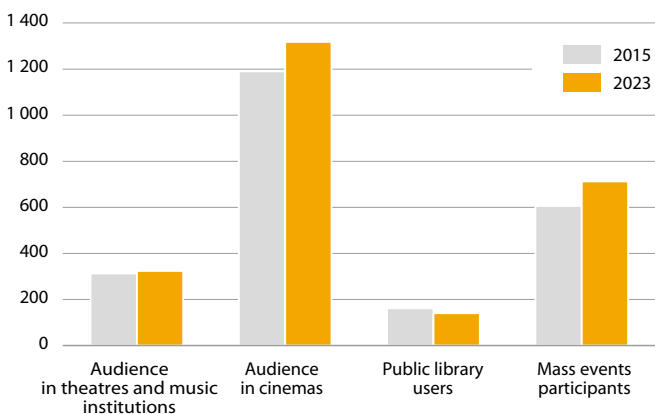
**Structure of household expenditure on culture in 2023**[a]
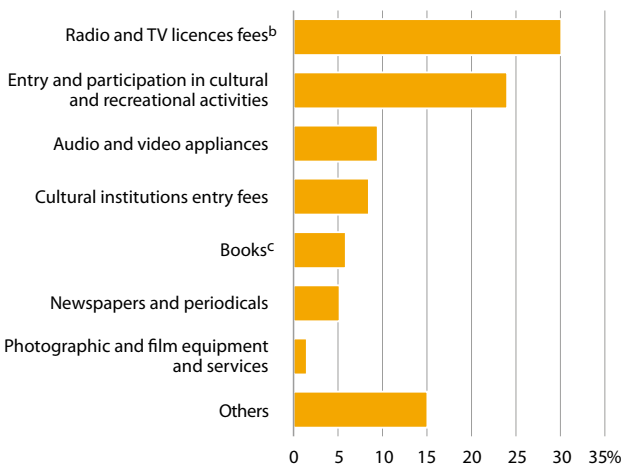
a Data were generalized based on a new method of generalizing results, introduced in 2023, which additionally takes into account the population structure by age and gender, therefore they are not directly comparable with data for previous years. b Bundled telecommunication services excluded. c Excluding school textbooks.

Tourist accommodation establishments[a]

	2015	2022	2023
Facilities	10 024	9 766	9 809
Bed places in thousands	710.3	779.9	793.1
Tourists accommodated in thousands	26 942	34 249	36 239
of which foreign tourists in %	21.1	17.1	19.5
Occupancy rate of bed places in %	36.7	40.4	40.5

Foreign tourists accommodated in tourist accommodation establishments by country
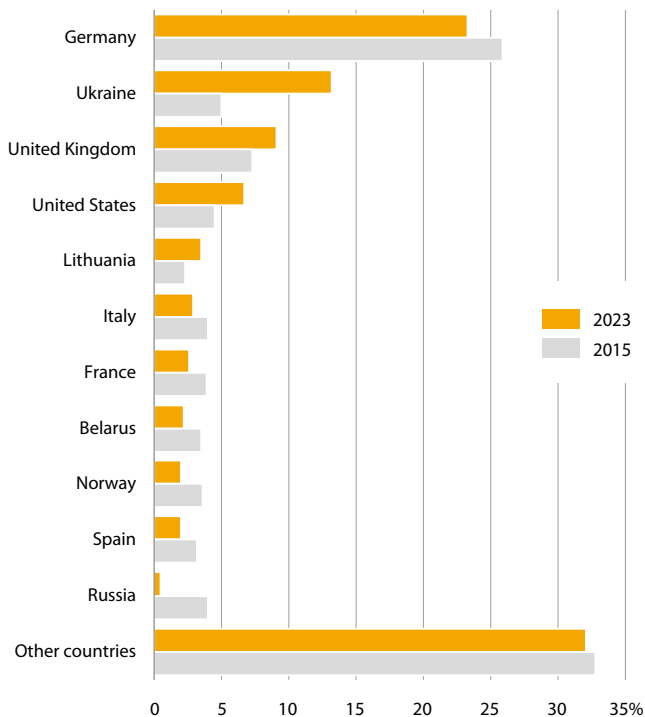
Participation of the Polish residents aged 15 or over in tourist trips

	2015	2022	2023
	in % of surveyed population		
Travellers[a]	54	59	66
in country for: 2–4 days	35	42	46
5 days and more	30	32	37
abroad	17	17	21
Non-travellers	46	41	34

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

Information society

Enterprises[a] using selected information and communication technologies

	2015	2022	2023
	in % of total enterprises		
Enterprises having:			
Internet access	92.7	98.5	98.7
of which broadband connection	86.7	98.5	98.7
of which of speed 100 Mbit/s or more	7.9	60.9	54.9
Employing ICT specialists	12.0	30.9	.
Conducting e-sales	11.8	18.0	.
Enterprises providing portable devices to the employed persons	61.6	91.9	.
Enterprises using artificial intelligence technologies	.	2.9[b]	3.7

b In 2021.

Enterprises[a] using social media by size classes of entities and purpose of use in 2023

| Total | Small (10–49 employed persons) |
| Medium (50–249 employed persons) | Large (250 and more employed persons) |
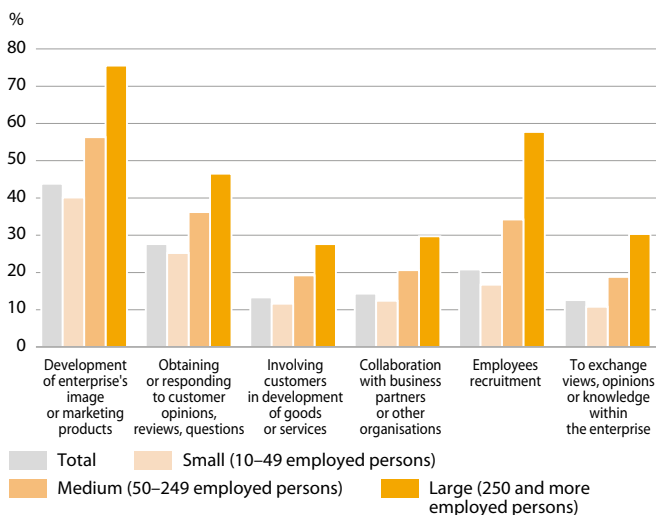
Enterprises[a] conducting e-sales

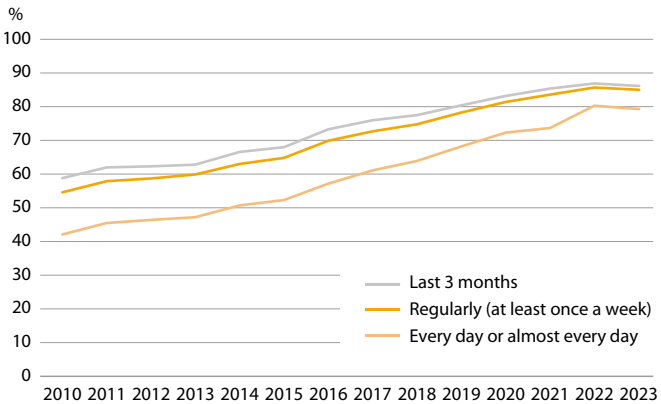|	2015	2021	2022
	in % of total enterprises		
Via own website or application	.	11.7	12.5
Via online e-commerce marketplaces	.	9.1	9.5
To individual customers (B2C)	7.4	12.9	13.7
To other enterprises and public administration bodies (B2B, B2G)	6.9	11.9	12.3
EDI	3.8	3.5	3.5

a Data concern economic entities employing more than 9 persons.

Households[a] having access to the Internet

	2015	2022	2023
	in % of total households of a given group		
T o t a l	75.8	93.3	93.3
of which broadband connection	71.0	92.6	92.8
Of which households:			
with children	95.0	99.9	99.8
without children	65.2[b]	90.5	90.3

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

Internet users aged 16–74

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 2023

in % of total individuals in a given group

Aged:
16–74 years
16–24
25–54
55–74 years

Making calls (including video calls) over the Internet
Sending, receiving e-mails
Participating in social networks
Ordering or purchasing goods or services over the Internet
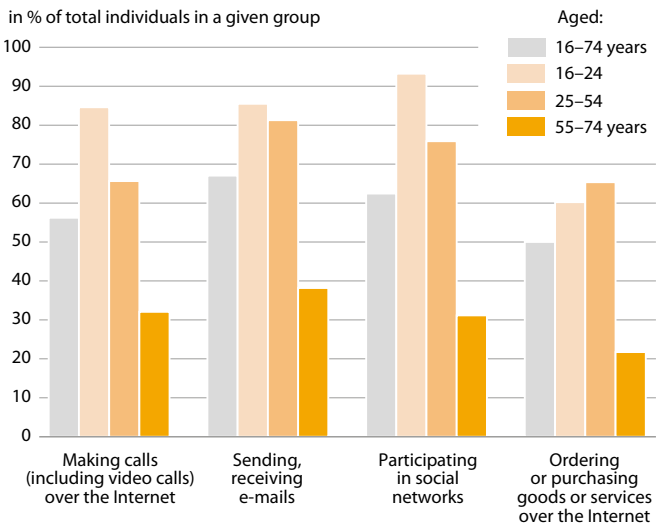
a In the last 3 months.

Science and technology

Research and experimental development (R&D)
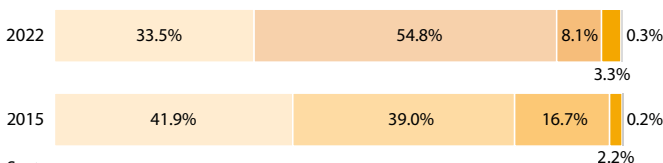
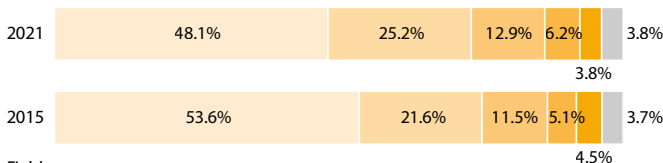|	2015	2021	2022
Intramural expenditure on R&D (current prices):			
per capita in PLN	470	922	1 182
in % of GDP	1.00	1.44	1.46
Internal R&D personnel	157 921	249 014	263 057
of which researchers in %	75.0	70.0	69.3

Structure of intramural expenditure on R&D (current prices)
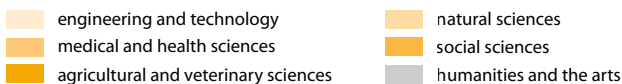
By source of funds

Year	government	business enterprises	rest of the world	higher education	private non-profit
2022	33.5%	54.8%	8.1%	3.3%	0.3%
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

Year	engineering and technology	natural sciences	medical and health sciences	social sciences	agricultural and veterinary sciences	humanities and the arts
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	2021	2022
Innovative enterprises as the share of total: industrial enterprises	17.6	22.0	32.2
service enterprises	9.8	19.7	32.1
Expenditures of:			
industrial enterprises in million PLN	31 094	19 041	26 012
of which in %: capital expenditures	77.3	36.0	39.8
on R&D	16.5	50.9	49.2
service enterprises in million PLN	12 641	22 349	29 689
of which in %: capital expenditures	38.5	14.3	21.8
on R&D	32.7	60.7	55.4

a Data concern economic entities employing more than 9 persons.

## Directions of geodesic land use in 2023
(as of 1 January)

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
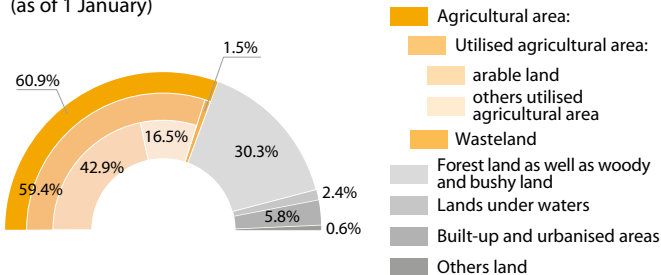
Water withdrawal for needs of the national economy and population

	2015	2021	2022
In hm^3	10 503	9 267	9 385
In m^3 per capita	273	244	248

Environment pollutants

	2015	2021	2022
Waste generated during the year (excluding municipal waste) in thousand tonnes	130 985	107 712	115 039
Municipal waste generated during the year: in thousand tonnes	10 864	13 674	13 420
in kg per capita	283	360	355
Industrial and municipal wastewater requiring treatment in hm^3	2 122	2 254	2 148
of which treated	2 015	2 130	2 010
Population connected to wastewater treatment plants in % of total population	72.7	75.2	75.7

Structure of municipal waste collected selectively
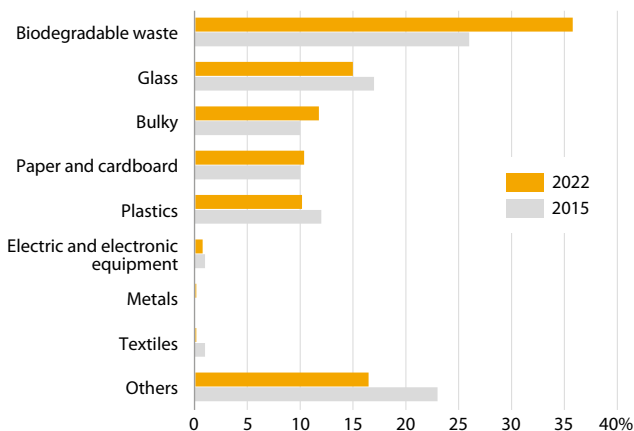
2022
2015

Total emission of main air pollutants

	2015	2021	2022
	in thousand tonnes		
Greenhouse gases[a]	383 395	399 438	380 509
Sulphur dioxide	639	392	320
Nitrogen oxides[b]	721	591	529
Carbon oxide	2 844	2 521	2 147

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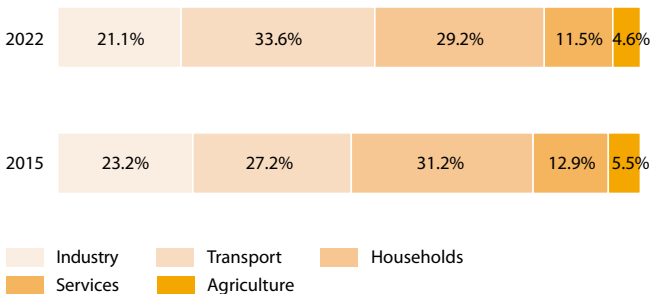
Energy basic data

	2015	2021	2022
Primary energy production:			
in Mtoe	67.8	60.1	59.4
per capita in toe	1.8	1.6	1.6
Final energy consumption:			
in Mtoe	62.3	75.2	72.4
per capita in toe	1.6	2.0	1.9

Structure of final energy consumption

By energy carriers

2022	10.2%	36.9%	13.6%	7.9%	17.1%	14.3%
2015	17.6%	30.6%	13.9%	9.0%	18.1%	10.8%

Solid fossil fuels Petroleum products Natural gas
Heat Electricity Others

By sectors

2022	21.1%	33.6%	29.2%	11.5%	4.6%
2015	23.2%	27.2%	31.2%	12.9%	5.5%

Industry Transport Households
Services Agriculture
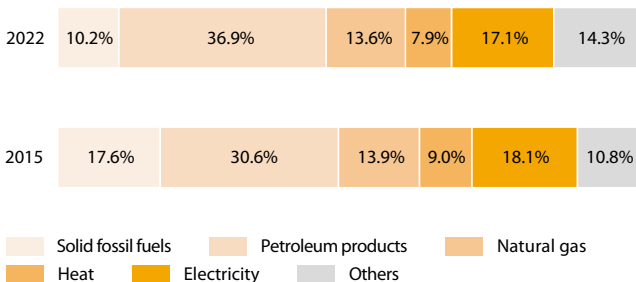
Gross agricultural output (constant prices)

2015=100

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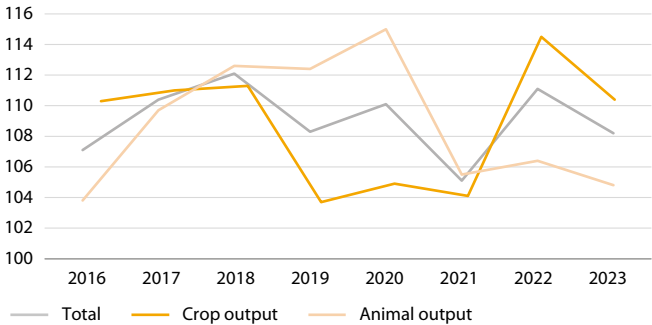
Agricultural land area in total in 2020
(as of June)

Agricultural land in good
agricultural condition:

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

Others

73.3% 18.6% 2.8% 2.5% 1.3% 1.3% 0.1%
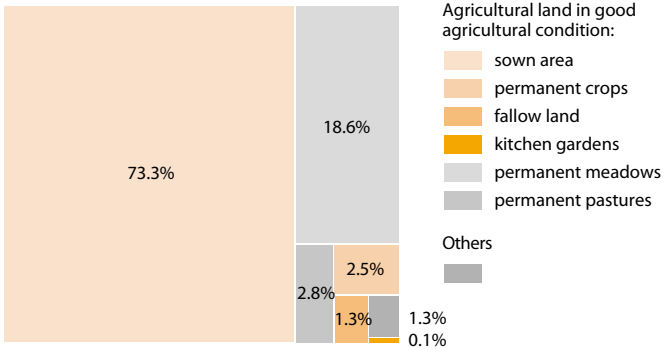
Production

	2015	2022	2023
	in thousand tonnes		
Cereals	28 003	35 651	35 851
of which:			
wheat	10 958	13 445	13 178
rye	2 013	2 381	2 581
barley	2 961	2 835	2 905
oats	1 220	1 529	1 532
maize for grain	3 156	8 503	9 152
triticale	5 339	5 543	5 383
Potatoes	6 152	6 031	5 590
Sugar beets	9 364	14 154	16 941
Oilseeds	2 763	3 816	3 924
Ground vegetables[a]	3 793	3 985	3 833
Tree fruit	3 581	4 763	4 359

a In 2022 and 2023, data without production in kitchen gardens.

Agriculture

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

	2015	2022[a]	2023[a]
	in heads		
Cattle	41	43	43
of which cows	17	15	14
Pigs	80	64	63

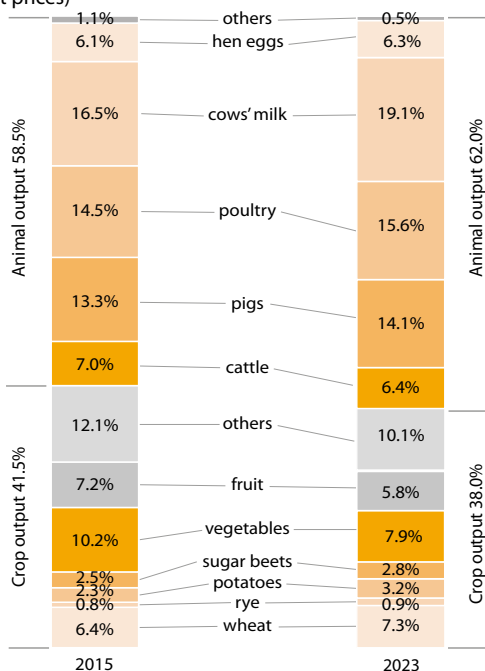a Data were calculated by agricultural land from 2020, based on the Agricultural Census.

Production of major agricultural products per 1 ha of agricultural land

	2015	2022[a]	2023[a]
Cereals in kg	1 925	2 384	2 398
Potatoes in kg	423	403	374
Sugar beets in kg	644	947	1 133
Total vegetables[b] in kg	330	267	256
Animals for slaughter[c] in kg	316	358	348
of which:			
beef	33	36	34
pork	126	113	108
Cows' milk in l	884	988	1 006

a Data were calculated by agricultural land from 2020, based on the Agricultural Census. b In 2022 and 2023, data without production in kitchen gardens. c In terms of meat; in post-slaughter warm weigt.
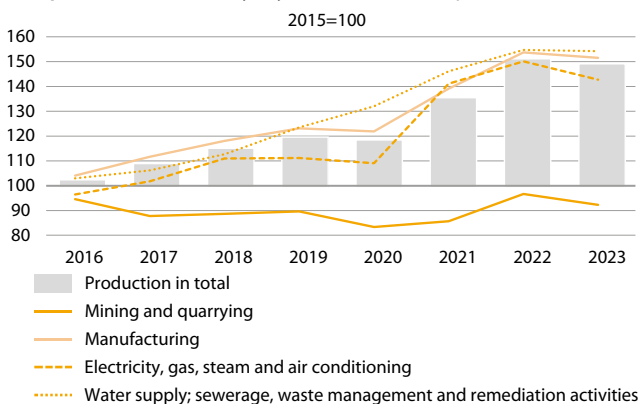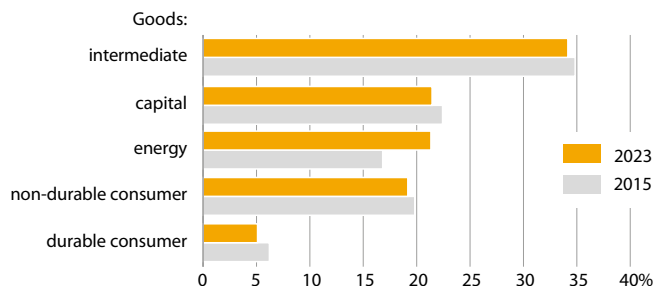
Structure of agricultural market output by products
(current prices)

2015		2023
1.1%	others	0.5%
6.1%	hen eggs	6.3%
16.5%	cows' milk	19.1%
14.5%	poultry	15.6%
13.3%	pigs	14.1%
7.0%	cattle	6.4%
12.1%	others	10.1%
7.2%	fruit	5.8%
10.2%	vegetables	7.9%
2.5%	sugar beets	2.8%
2.3%	potatoes	3.2%
0.8%	rye	0.9%
6.4%	wheat	7.3%

Animal output 58.5% (2015) / Animal output 62.0% (2023)
Crop output 41.5% (2015) / Crop output 38.0% (2023)

Sold production of industry[a]

	2015	2022	2023
Indices of sold production of industry (constant prices): previous year=100	104.9	110.1	98.3
2015=100	100.0	151.4	148.8
Price indices of sold production of industry – previous year=100	97.8	122.4	102.4

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:
- intermediate
- capital
- energy
- non-durable consumer
- durable consumer

■ 2023
■ 2015

Production of selected products[a]

	2015	2022	2023
	in thousand units		
Passenger cars	535	255	299
TV receivers	17 521	17 173	14 436
Dish washing machines	4 309	5 581	4 782
Tyres	46 715	53 089	46 898

a Data concern economic entities employing more than 9 persons, while in 2023 in the case of production of selected products — more than 49 persons.
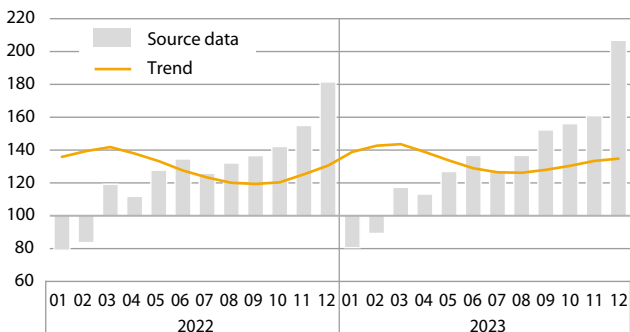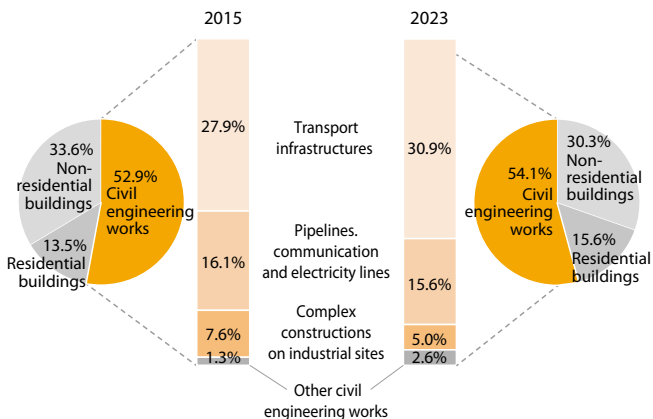
Construction

Construction[a]

	2015	2022	2023
Sale of construction and assembly production (current prices) in % of total – construction works:			
investments	61.0	57.1	70.7
repairs	39.0	42.9	29.3
Indices of construction and assembly production (constant prices) – previous year=100	102.8	106.2	105.0
Price indices of construction and assembly production – previous year=100	99.5	112.7	110.2

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)

2015

2023

- Transport infrastructures
- Pipelines. communication and electricity lines
- Complex constructions on industrial sites
- Other civil engineering works

---

a Data concern economic entities employing more than 9 persons.

Technical infrastructure

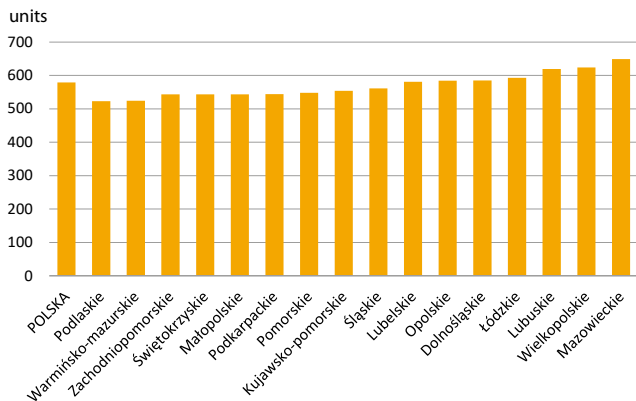|	2015	2021	2022
Railway lines per 100 km^2 in km	6.2	6.2	6.2
Electrified railway lines in % of total standard gauge railway lines	61.7	62.8	62.5
Hard surface public roads per 100 km^2 in km	93.0	100.9	101.5
Express-ways in km	1 492	2 795	3 070
Motorways in km	1 559	1 761	1 802
Main pipelines for crude 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	88	88
DWT in thousand tonnes	2 515	2 594	2 728

Hard surface public roads per 100 km^2 of total area (network density) by voivodships in 2022 (as of 31 December)
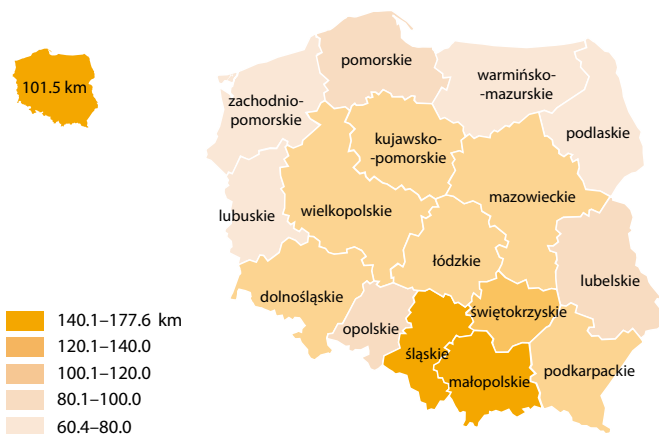
Transport of goods and passengers by means of transport

	2015	2021	2022	2015	2021	2022
	goods in thousand tonnes			passengers in thousand of persons[a]		
T o t a l[b]	1 804	2 253	2 277	703.7	423.0	572.0
of which:						
Railway transport[c]	224.3	237.9	237.6	277.3	244.9	321.1
Road transport	1 506	1 952	1 976.3	416.8	168.6	214.4
Air transport	0.04	0.09	0.12	7.3	7.0	12.9
Pipeline transport	54.9	49.9	52.6	.	.	.

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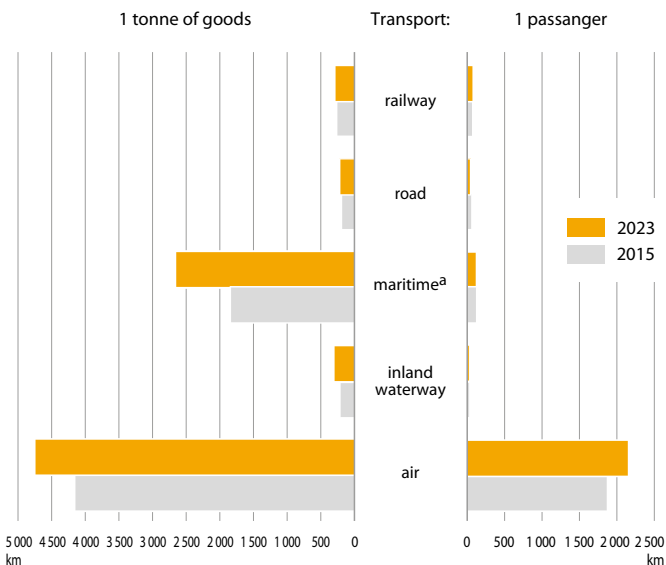
Transport

Registered passenger cars[a] per 1 000 population by voivodships in 2023 (as of 31 December)

units

a According to the Central Register of Vehicles and Drivers; at the age up to 30.

Average transport distance

| 1 tonne of goods | Transport: | 1 passanger |

railway
road
maritime[a]
inland waterway
air

2023
2015

5 000 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

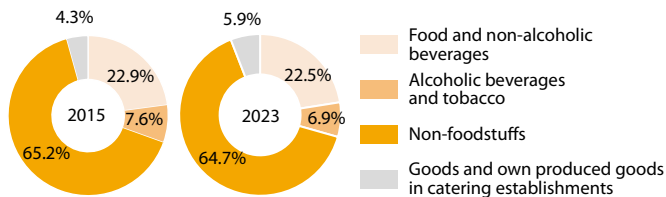|	2015	2021	2022
Indices of sales of transportation and storage (constant prices): previous year=100	102.4	111.6	122.4
2010=100	132.2	177.5	209.7

Retail and wholesale trade

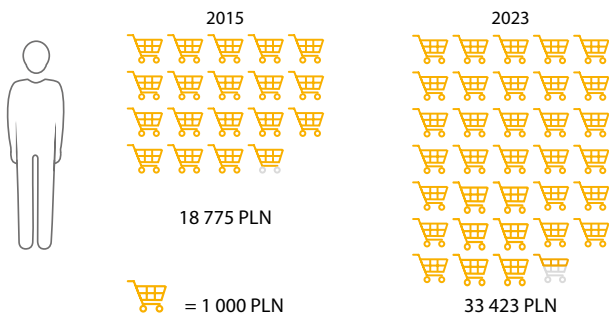|	2015	2022	2023
Indices of retail sales (constant prices): previous year=100	105.4	102.6	95.9
2015=100	100.0	129.7	124.4
Indices of wholesale in trade enterprises (current prices): previous year=100	105.0	133.4	84.6
2015=100	100.0	221.0	187.1

Retail sales (constant prices)

2015=100

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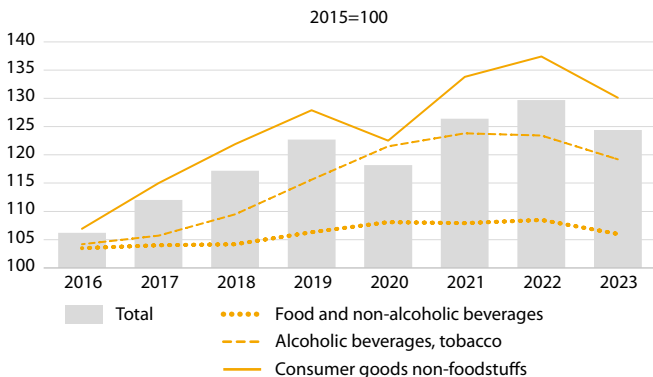
Structure of retail sales (current prices)

2015
4.3%
22.9%
7.6%
65.2%

2023
5.9%
22.5%
6.9%
64.7%

- 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

18 775 PLN

2023

33 423 PLN

= 1 000 PLN

Trade

Foreign trade turnover (current prices)

	Imports – cif		Exports		Balance	
	2015	2023	2015	2023	2015	2023
In billion PLN	741.0	1 555.4	750.8	1 604.1	9.9	48.6
In billion USD	197.7	368.3	200.3	379.7	2.7	11.4
In billion EUR	177.2	340.5	179.6	351.0	2.3	10.6

Indices of foreign trade turnover (constant prices)

2015=100
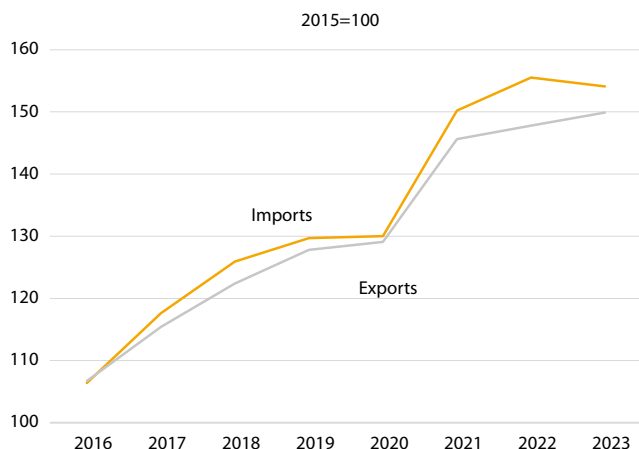
Foreign trade turnover by groups of countries in 2023
(current prices)

Imports

2.2% (-6.4)

31.9% (7.4)

65.9% (-1.0)

53.9% (-3.4)

12.0% (2.4)

Exports

5.2% (-0.1)

8.3% (-0.7)

86.5% (0.8)

74.7% (2.0)

11.8% (-1.2)
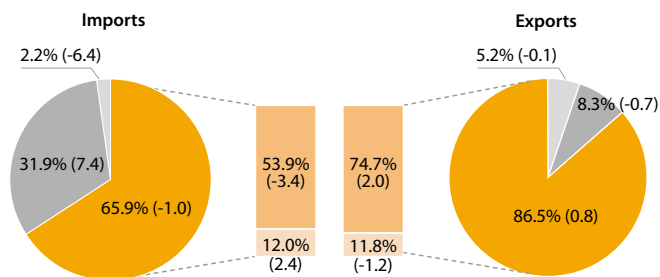
Developed countries:

Developed countries – European Union

Other developed countries

Central and East European countries

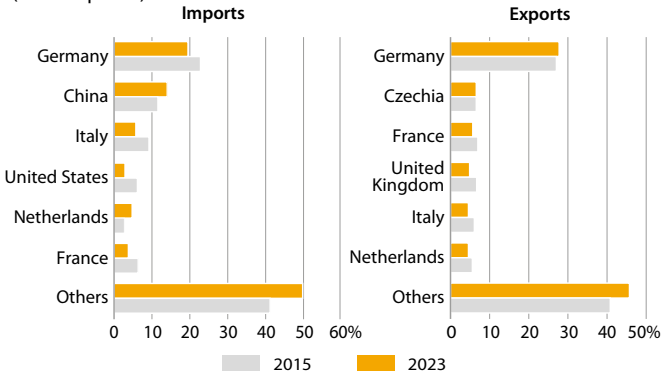Developing countries

(-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	2023	2015	2023
19 269 PLN	41 260 PLN	19 525 PLN	42 550 PLN
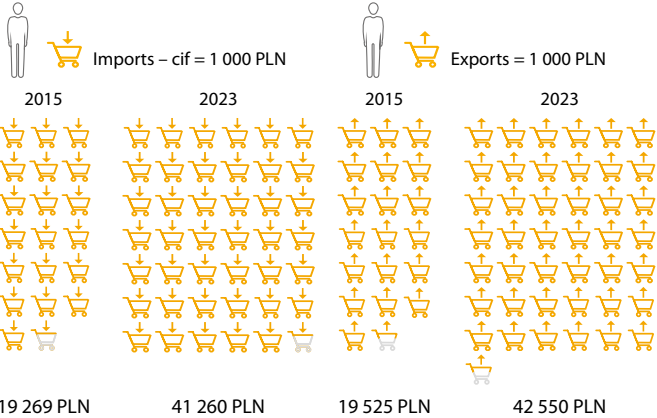
Imports and exports by SITC sections in 2023 (current prices)

	Imports	Exports
	in %	
T o t a l	100.0	100.0
Food and live animals	7.6	11.9
Beverages and tobacco	0.9	1.9
Crude materials inedible, except fuels	2.6	1.9
Mineral fuels, lubricants and related materials	9.0	3.1
Animal and vegetable oils, fats and waxes	0.5	0.3
Chemicals and related products	14.0	9.1
Manufactured goods classified chiefly by material	15.0	16.6
Machinery and transport equipment	35.0	38.3
Miscellaneous manufactured articles	13.5	16.6
Commodities and transactions not classified elsewhere in SITC	1.9	0.3

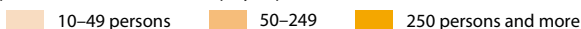## Foreign trade turnover by major partners
(current prices)

Imports

Germany, China, Italy, United States, Netherlands, France, Others

Exports

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

0 10 20 30 40 50 60%

2015   2023

**Basic data about non-financial enterprises[a]
by class size in 2023**

Enterprises	63.6%	28.6%	7.8%
Employed persons	12.8% 27.1%	60.1%	
Enterprises reported net profit	63.3%	28.7%	8.0%
Enterprises reported export sales	47.9%	38.3%	13.8%
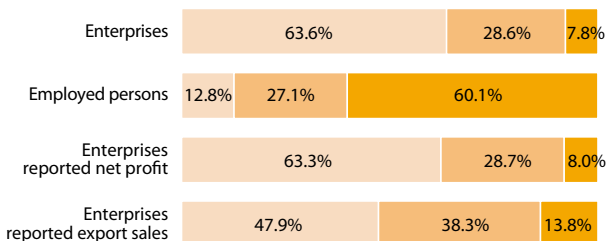
Enerprises with the number of employed persons:

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

Financial results of enterprises[a]

	2015	2022	2023
Total revenues in million PLN	3 017 976	5 775 351	6 037 958
Total costs in million PLN	2 884 629	5 422 312	5 705 894
Financial result in million PLN			
gross	133 488	353 039	332 064
net	113 442	292 587	269 686
Indicators in %:			
cost level	95.6	93.9	94.5
gross sales profitability	4.6	6.1	5.6
gross turnover profitability	4.4	6.1	5.5
net turnover profitability	3.8	5.1	4.5
first degree financial liquidity	39.0	39.9	40.8
second degree financial liquidity	103.4	106.8	108.9

Investment outlays in enterprises[a] (current prices)

- Total
- Buildings and structures
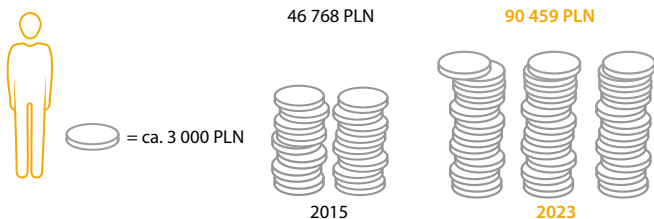- Machinery, technical equipment and tools
- Transport equipment
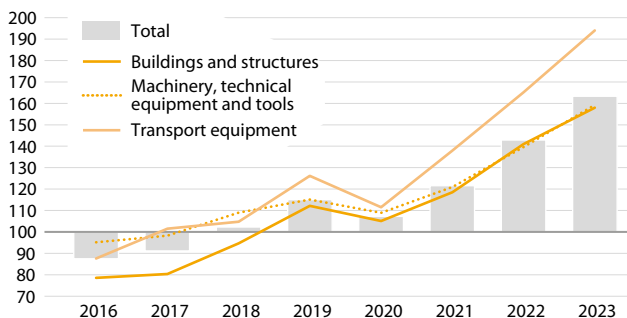
    a Data concern non-financial enterprises (legal entities) with 10 and more persons employed keeping accounting ledgers. The data do not include sections A and K according to NACE rev. 2; higher education institutions; independent public health care facilities; cultural institutions with legal personality; trade unions, religious and political organisations.
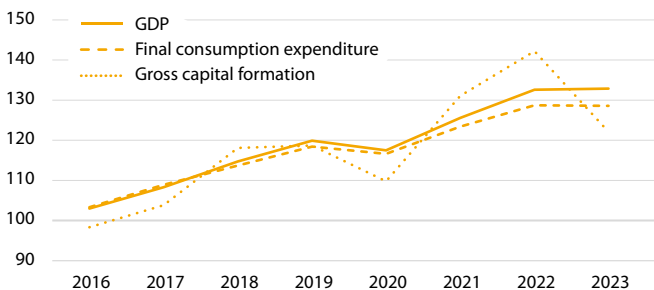
Gross domestic product per capita (current prices)

46 768 PLN   **90 459 PLN**

= ca. 3 000 PLN

2015   **2023**

Gross domestic product (constant prices)

2015=100

- GDP
- Final consumption expenditure
- Gross capital formation

Gross domestic product

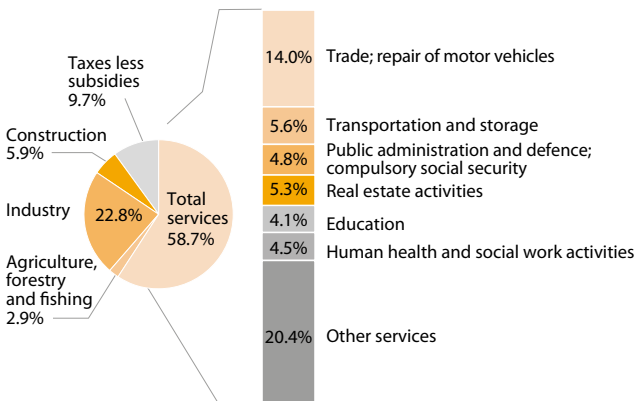|	2015	2022	2023
Indices of gross domestic product (constant prices): previous year=100	104.4	105.6	100.2
2015=100	100.0	132.6	132.9
Indices of gross value added (constant prices): previous year=100	104.5	105.9	101.2
2015=100	100.0	131.8	133.4

Share of institutional sectors in generation of gross value added in 2023 (current prices)

Sector:
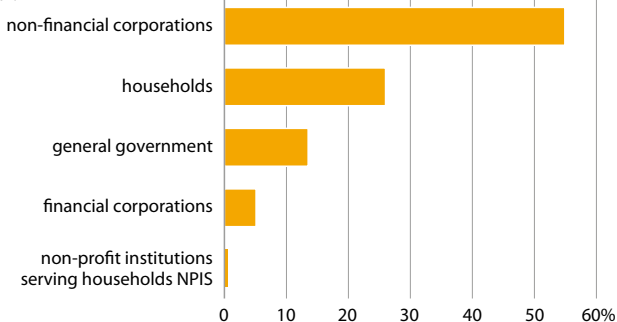
National accounts. EDP notification

**Structure of GDP generation in 2023** (current prices)

14.0%	Trade; repair of motor vehicles
5.6%	Transportation and storage
4.8%	Public administration and defence; compulsory social security
5.3%	Real estate activities
4.1%	Education
4.5%	Human health and social work activities
20.4%	Other services

Taxes less subsidies 9.7%
Construction 5.9%
Industry 22.8%
Agriculture, forestry and fishing 2.9%
Total services 58.7%

Domestic demand

	2015	2022	2023	
	previous year=100 (constant prices)			in % of GDP (current prices)
Domestic demand	103.9	105.2	96.8	93.9
final consumption expenditure	103.5	104.3	99.9	75.8
of which:				
consumption expenditure of household sector	103.8	105.4	99.0	56.2
public consumption expenditure	102.4	100.5	102.8	18.6
gross capital formation	105.6	108.5	85.9	18.1
of which gross fixed capital formation	106.9	102.7	113.1	17.8

a Investment rate.

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

% GPD
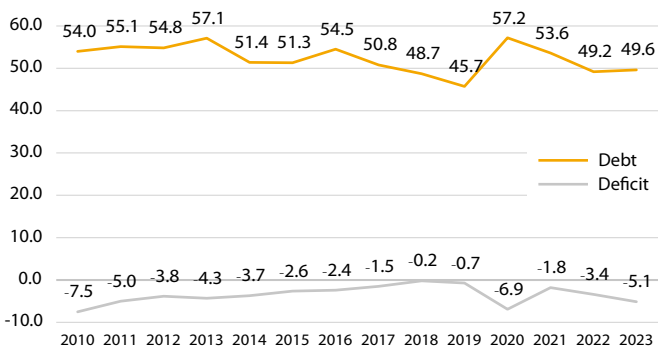
Current account of balance of payments

	2015	2022	2023
	in million USD		
Current account	-6 170	-16 697	12 689
goods (net)	-2 352	-25 561	6 705
services (net)	12 263	38 343	42 858
primary income[a] (net)	-17 961	-27 269	-34 149
secondary income (net)	1 880	-2 210	-2 725

a Including investment and interest income.

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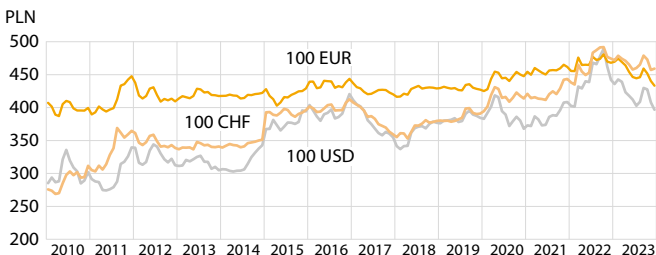
Selected financial institutions (as of 31 December)

|	2015	2022	2023
Banks	626	560	555
commercial banks	65	64	63
of which banks with majority of foreign capital	53	51	50
cooperative banks	561	496	492
Investment funds	815	672	651
Investment fund societies	60	55	56
Insurance companies	57	53	52
of which companies with majority of foreign capital	41	32	31
Cooperative savings and credit unions	48	19	18

The companies listed on the Warsaw Stock Exchange and their capitalisation

	2015	2022	2023
Number of companies[a]	487	415	413
of which domestic companies	433	371	371
Market capitalisation[a] in million PLN	1 082 863	1 114 193	1 440 286
domestic companies	516 785	574 669	760 213
foreign companies	566 077	539 524	680 073
Average turnover value (shares and rights to shares) per session in million PLN	898	1 168	1 152

a End of the year.

Finances

Market capitalisation and the Warsaw Stock Exchange Indice (WIG)
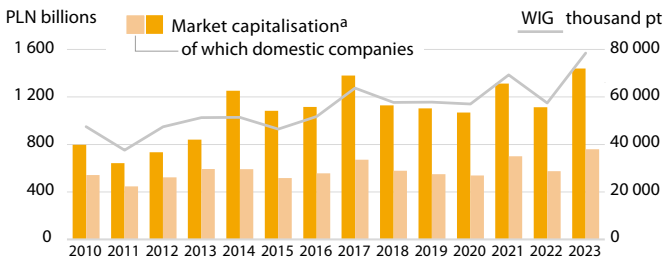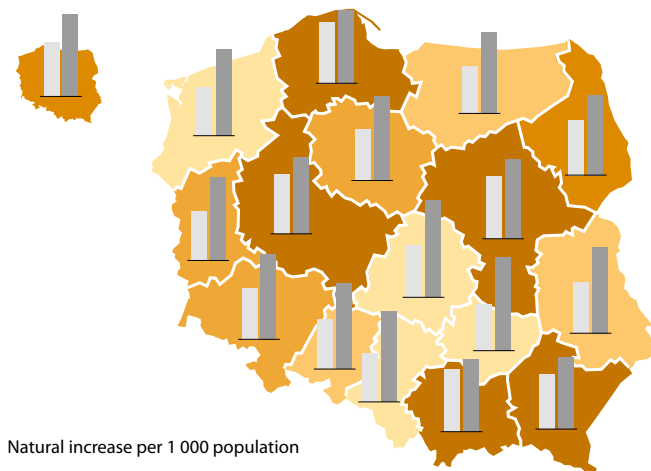

a End of the year.

The state budget

	2015	2021	2022	
	in million PLN			in percent
Revenue	289 137	494 843	504 821	100.0
of which:				
indirect taxes	187 267	294 581	314 050	62.2
corporate income tax	25 813	52 374	70 137	13.9
personal income tax	45 040	73 606	68 107	13.5
Expenditure	331 743	521 217	517 399	100.0
of which:				
public debt servicing	29 169	25 958	32 718	6.3
grants to:				
Social Insurance Fund	42 066	34 990	38 663	7.5
Pension Fund	17 037	18 367	18 658	3.6
general subvention for local government units	51 049	78 032	74 645	14.4
current expenditure of budgetary units	61 944	92 371	100 296	19.4
European Union own resources	18 196	32 230	34 294	6.6
State budget result – deficit (-)	-42 607	-26 373	-12 578	.
European funds budget result – surplus (+)/ deficit (-)	-3 232	661	-1 386	.

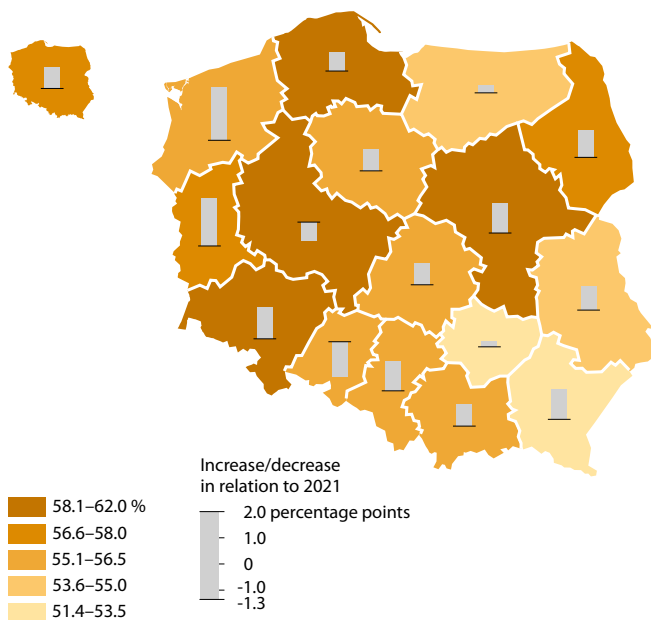## Relation to gross domestic product (current prices)

	2015	2021	2022
	in %		
Revenue of state budget	16.1	18.8	16.5
Expenditure of state budget	18.4	19.8	16.9
State budget result – deficit (-)	-2.4	-1.0	-0.4
European funds budget result – surplus (+)/ deficit (-)	-0.2	0.0	0.0
Public debt	48.8	43.7	39.4

Vital statistics in 2023

Natural increase per 1 000 population

■	-2.4– -1.3
■	-3.4– -2.5
■	-4.4– -3.5
■	-4.9– -4.5
■	-6.1– -5.0

14
12
8
4
0

☐ Live births
■ Deaths

Employment rate on the basis of LFS in 2023 (annual averages)

■	58.1–62.0 %
■	56.6–58.0
■	55.1–56.5
■	53.6–55.0
■	51.4–53.5

Increase/decrease
in relation to 2021

— 2.0 percentage points
- 1.0
- 0
- -1.0
-1.3

Basic data on voivodships

Unemployment rate on the basis of LFS in 2023

Increase/decrease in relation to 2021

- 3.6–4.3 %
- 3.1–3.5
- 2.6–3.0
- 1.9–2.5
- Data not available

1.3 percentage points
1.0
0,5
0
-0.5
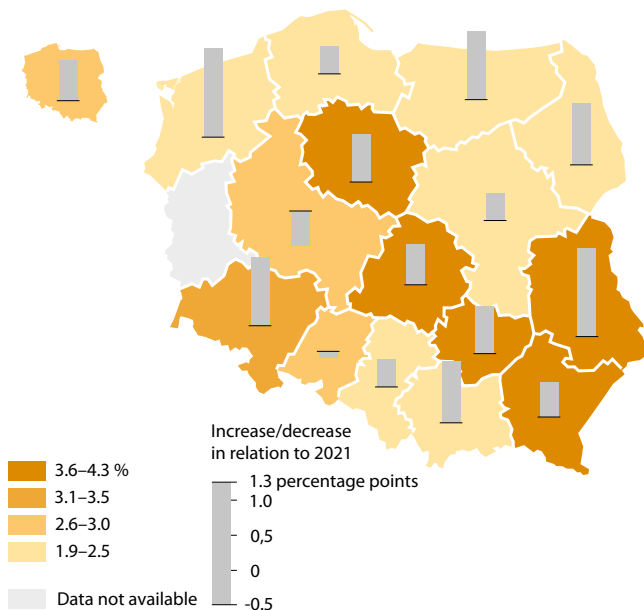
Average monthly available income per capita in households in 2023

- 2 800–3 209 PLN
- 2 600–2 799
- 2 500–2 599
- 2 280–2 500
- Data not available

Increase in relation to 2015

114 %
100
80
60
40
20
0
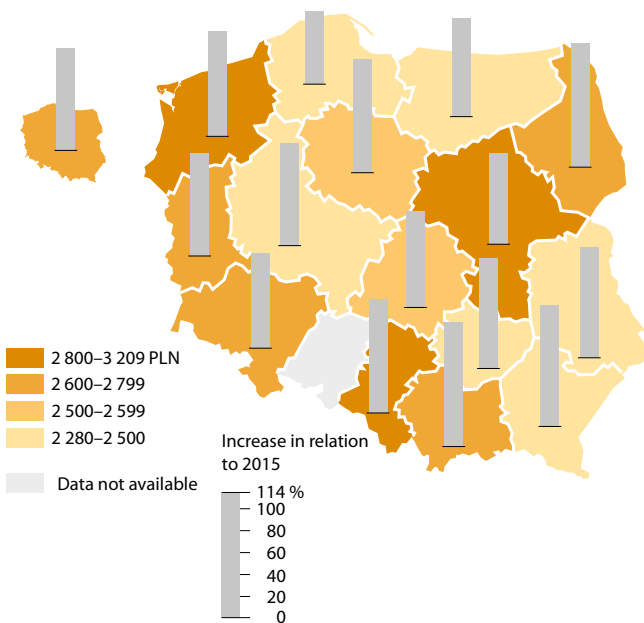
Average monthly expenditure per capita in households in 2023

1 801–1 850 PLN
1 701–1 800
1 601–1 700
1 401–1 600
1 320–1 400

Increase in relation to 2015

70 %
60
40
20
0
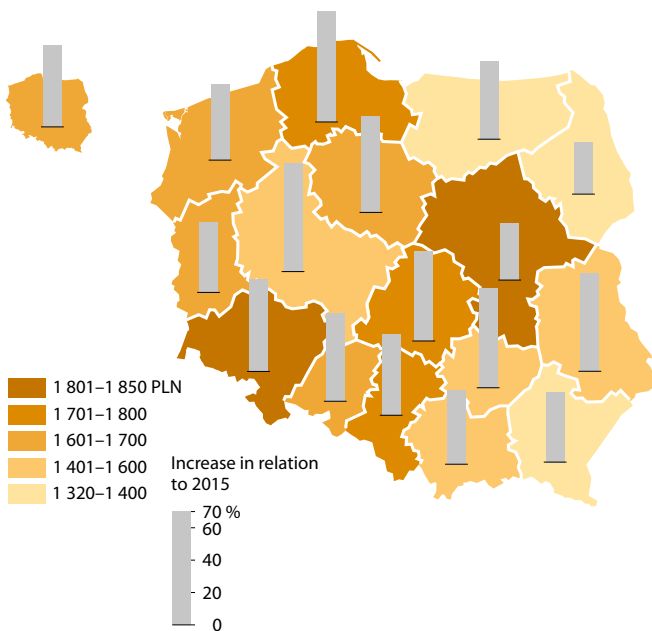
Enterprises buying cloud computing services in 2023

58.6–62.6 %
56.6–58.5
54.6–56.5
50.1–54.5
41.3–50.0
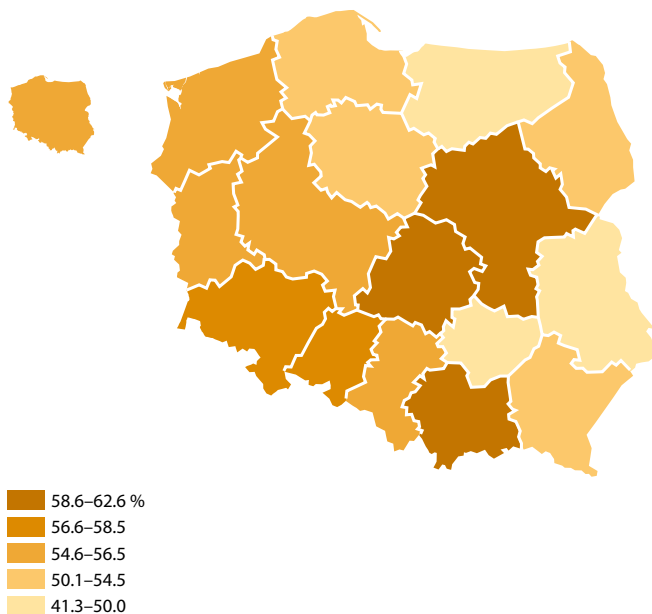
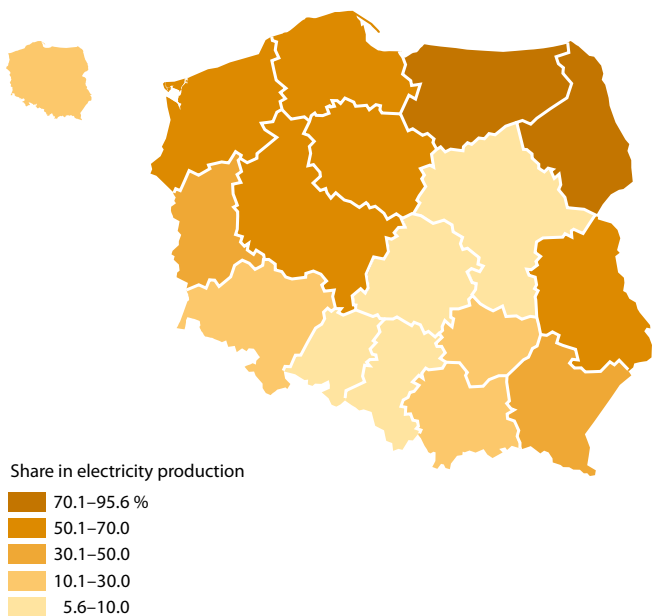# Basic data on voivodships

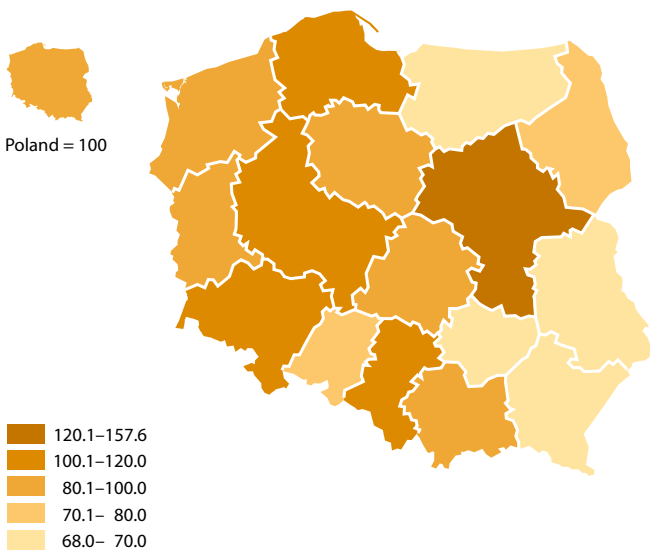**Gross domestic expenditure on research and development activity per capita in 2022** (current prices)

1 901–2 842 PLN
901–1 900
601– 900
301– 600
238– 300
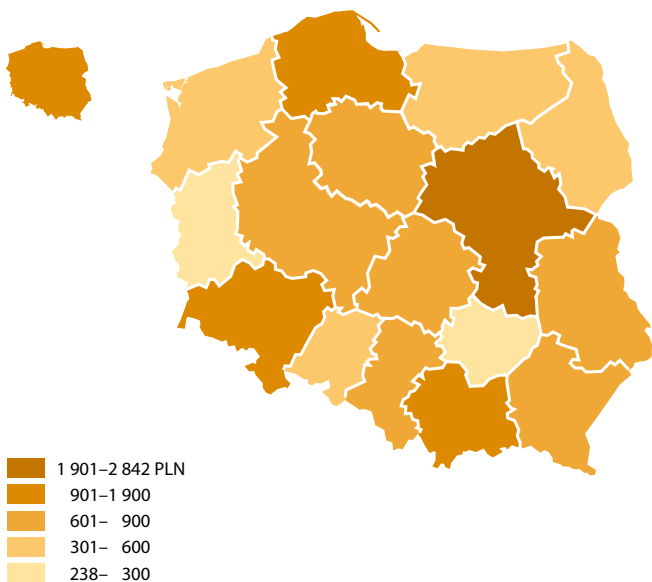
Energy from renewable sources in 2022

Share in electricity production

70.1–95.6 %
50.1–70.0
30.1–50.0
10.1–30.0
5.6–10.0

Gross domestic product per capita by voivodships in 2022
(current prices)

Poland = 100

■	120.1–157.6
■	100.1–120.0
■	80.1–100.0
■	70.1– 80.0
■	68.0– 70.0

Investment outlays per capita in 2022 (current prices)

■	12 001–17 804 PLN
■	10 001–12 000
■	9 001–10 000
■	8 001– 9 000
■	6 701– 8 000
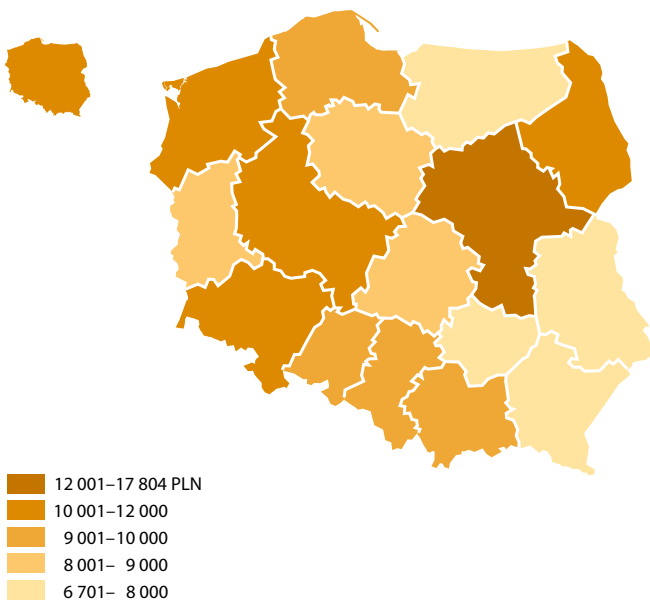
- Data contained in the folder are presented in accordance with the Polish Classification of Activities – PKD 2007, compiled on the basis of the Statistical Classification of Economic Activities in the European Community – NACE Rev. 2.

- 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 were generalised based on population balances on the basis of the National Population and Housing Census 2021.

- 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 2023 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