# Poland in figures 2020



**Warsaw 2020** 



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### Selected data about Poland



|  | 2019                   |
|--|------------------------|
| Territorial structure of the country:            |                        |
| voivodships                                      | 16                     |
| powiats  | 314                    |
| cities with powiat status                        | 66                     |
| gminas   | 2 477ª                 |
| Total area of Poland <sup>b</sup> in thousand ha | 31 271                 |
| Population in thousands                          | 38 383                 |
| Population density per 1 km <sup>2</sup>         | 123                    |
| Capital city                                     | Warszawa               |
| Population of capital city in thousands          | 1 791                  |
| 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 <sup>2</sup>       | Śniardwy – 113.4       |
| The deepest lake – maximum depth in m            | Hańcza – 108.5         |

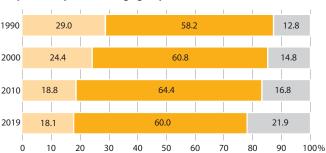
a  $\,$  Of which gminas that are also cities with powiat status.  $\,$  b Land area as well as part of internal waters.

### **Population**

#### Population (as of 31st December)

|                          | 1990   | 2000   | 2010   | 2019   |
|--------------------------|--------|--------|--------|--------|
| Total in thousands       | 38 073 | 38 254 | 38 530 | 38 383 |
| of which females         | 19 521 | 19717  | 19 877 | 19 816 |
| Urban population in %    | 62     | 62     | 61     | 60     |
| Females per 100 males    | 105    | 106    | 107    | 107    |
| urban areas              | 108    | 110    | 111    | 111    |
| rural areas              | 100    | 101    | 101    | 101    |
| Median age of population | 32.3   | 35.4   | 38.0   | 41.3   |
| males                    | 30.9   | 33.4   | 36.3   | 39.7   |
| females                  | 33.7   | 37.4   | 39.9   | 43.0   |

#### Population by economic age groups (as of 31st December)



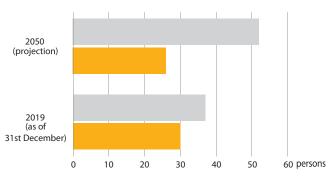
#### Age:

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



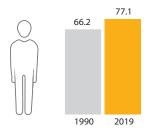
Age:

pre-working (0–17 years)

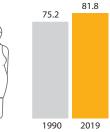
post-working (60/65 years and more)

### **Population**

#### Life expectancy in years





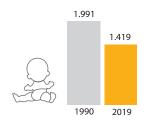


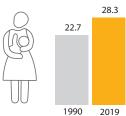
#### Vital statistics

|                                     | 1990 | 2000 | 2010 | 2019 |
|-------------------------------------|------|------|------|------|
| Per 1 000 population:               |      |      |      |      |
| live births                         | 14.3 | 9.9  | 10.7 | 9.8  |
| deaths                              | 10.2 | 9.6  | 9.8  | 10.7 |
| natural increase                    | 4.1  | 0.3  | 0.9  | -0.9 |
| marriages contracted                | 6.7  | 5.5  | 5.9  | 4.8  |
| divorces                            | 1.1  | 1.1  | 1.6  | 1.7  |
| Separations in thousands            |      | 1.3  | 2.8  | 1.2  |
| Infant deaths per 1 000 live births | 19.3 | 8.1  | 5.0  | 3.8  |

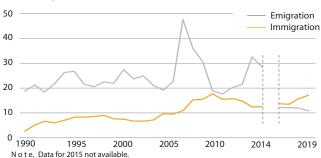
#### Fertility rate

### Average age of mothers at birth of first child





#### International migration of population for permanent residence thousand of persons

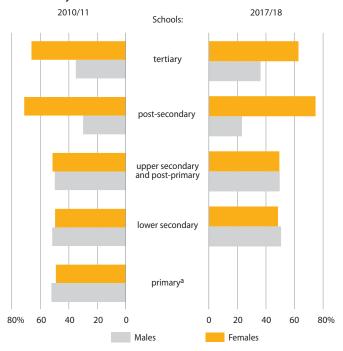


#### Education

#### Pre-primary education

|                                  | 2010/11 | 2016/17 | 2017/18 | 2018/19 |
|----------------------------------|---------|---------|---------|---------|
| Children in nursery schools per: |         |         |         |         |
| 1 000 children aged 3-6          | 538     | 636     | 686     | 736     |
| 1 nursery school                 | 93      | 87      | 89      | 89      |
| 100 places                       | 98      | 93      | 93      | 91      |

#### Graduates by sex and educational level



a Lack of data for 2017/18 school year due to transition from 6- to 8-year primary schools.

#### Pupils and studentsa by age groups

|                         | 2010/11                                 | 2016/17 | 2017/18 | 2018/19 |  |
|-------------------------|---|---------|---------|---------|--|
|                         | in % of population of a given age group |         |         |         |  |
| Age groups:             |   |         |         |         |  |
| 7–14 years <sup>b</sup> | 95.7                                    | 93.9    | 94.5    | 94.9    |  |
| 15 <sup>c</sup>         | 96.5                                    | 94.4    | 94.3    | 94.4    |  |
| 16–18                   | 94.9                                    | 93.8    | 93.6    | 93.6    |  |
| 19–24                   | 57.3                                    | 52.0    | 51.4    | 50.0    |  |
| 25–29                   | 9.8                                     | 7.8     | 7.7     | 5.6     |  |
| 30 years and more       | 1.2                                     | 0.8     | 0.8     | 0.5     |  |

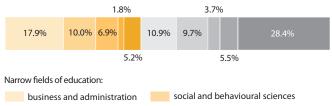
a Excluding foreigners. b In the 2010/11 and 2016/17 school years – age group 7–12, in the 2017/18 school year – age group 7–13. c In the 2010/11 and 2016/17 school years – age group 13–15, in the 2017/18 school year – age 7–14.

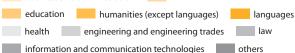
#### Students of higher education institutions

| •   |         |         |         |         |
|---|---------|---------|---------|---------|
|   | 2010/11 | 2016/17 | 2017/18 | 2018/19 |
| Total in thousands                        | 1 841.3 | 1 348.8 | 1 291.9 | 1 230.3 |
| of which foreigners                       | 21.4    | 65.8    | 72.7    | 78.3    |
| Per 10 thousand population <sup>a</sup> : | 476     | 334     | 317     | 300     |
| men                                       | 406     | 291     | 274     | 258     |
| women                                     | 542     | 374     | 358     | 340     |

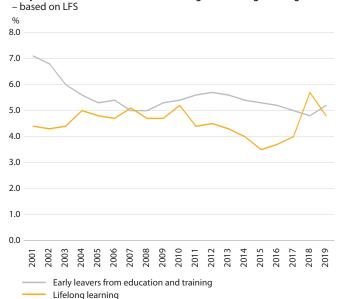
a Excluding foreigners.

# Students of higher education institutions by narrow fields of education in the 2018/19 academic year





### Early leavers from education and training and lifelong learning<sup>a</sup>



a Data concern share of population of a given age group: for early leavers – persons aged 18–24 with at most lower secondary education and not in further education and training, for lifelong learning – persons aged 25–64 participating in education and training.

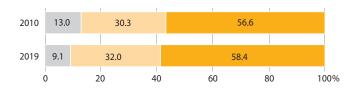
#### Labour market

# Economic activity of population aged 15 and more (annual averages) – based on LFS

|                                      | 2010   | 2018         | 2019   |
|--------------------------------------|--------|--------------|--------|
|                                      |        | in thousands |        |
| Economically active persons          | 17 123 | 17 143       | 17 019 |
| of which women                       | 7 677  | 7 703        | 7 620  |
| of which at working age <sup>a</sup> | 16 691 | 16 480       | 16 354 |
| employed persons                     | 15 473 | 16 484       | 16 461 |
| of which women                       | 6 908  | 7 407        | 7 346  |
| unemployed persons <sup>b</sup>      | 1 650  | 659          | 558    |
| of which women                       | 769    | 296          | 274    |
| Economically inactive persons        | 13 832 | 13 286       | 13 264 |
| of which women                       | 8 456  | 8 191        | 8 204  |
|                                      |        |              |        |

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



Agriculture, forestry and fishing

Industry and construction

Services (other sections of NACE)

Note. The structure of employed persons do not include an unspecified kind of activity.

### Economically active population aged 15 and more in 2019 (annual averages) – based on LFS

|                          | Activity rate Employment rate |      | Unemployment rate |  |
|--------------------------|-------------------------------|------|-------------------|--|
|                          | in %                          |      |                   |  |
| Total                    | 56.2                          | 54.4 | 3.3               |  |
| of which women           | 48.2                          | 46.4 | 3.6               |  |
| of which at working agea | 77.1                          | 74.5 | 3.4               |  |
| By age:                  |                               |      |                   |  |
| 15–24 years              | 35.2                          | 31.7 | 9.9               |  |
| 25–34                    | 84.5                          | 81.3 | 3.7               |  |
| 35–44                    | 87.3                          | 85.0 | 2.6               |  |
| 45–54                    | 83.8                          | 81.9 | 2.4               |  |
| 55-59/64                 | 63.0                          | 61.3 | 2.6               |  |
| 60-65 years and more     | 8.1                           | 8.0  | 0.8               |  |

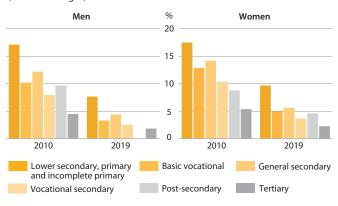
a Men aged 18-64, women aged 18-59.

#### **Labour market**

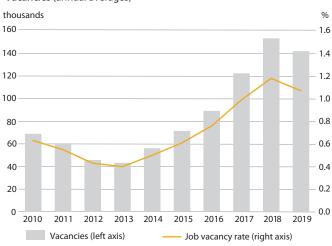
#### Unemployed persons aged 15-74 (annual averages) - based on LFS

|  | 2010  | 2018 | 2019 |
|--|-------|------|------|
| Total in thousands                         | 1 650 | 659  | 558  |
| In % of total – unemployed persons:        |       |      |      |
| females                                    | 46.6  | 44.9 | 49.1 |
| at working age                             | 99.3  | 98.9 | 98.9 |
| never in employment                        | 17.6  | 18.4 | 18.1 |
| end of temporary job, seasonal             | 25.3  | 28.5 | 27.8 |
| long-term unemployed (13 months and more)  | 25.5  | 20.0 | 14.9 |
| Unemployment rate in %                     | 9.6   | 3.8  | 3.3  |
| Average duration of unemployment in months | 9.4   | 8.6  | 7.7  |

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



#### Vacancies (annual averages)

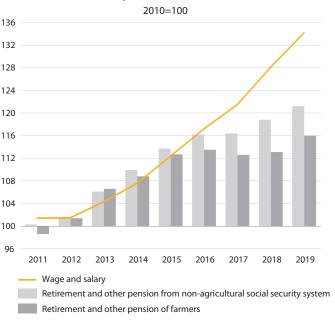


### **Wages and salaries and social benefits**

#### Wages and salaries

|   | 2010     | 2018     | 2019     |
|---|----------|----------|----------|
| Average monthly gross wage and salary in total in PLN               | 3 224.13 | 4 585.03 | 4 918.17 |
| public sector   | 3 757.86 | 5 114.40 | 5 525.91 |
| private sector  | 2 952.38 | 4 465.27 | 4 773.88 |
| Average monthly gross wage and salary in total – previous year=100: |          |          |          |
| nominal   | 103.9    | 107.0    | 107.2    |
| real  | 101.4    | 105.3    | 104.8    |

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



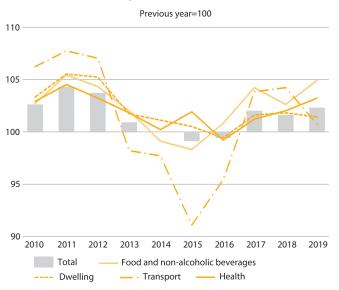
#### Retirement and other pensions

| netirement and other pensions                       |          |          |          |
|---|----------|----------|----------|
|   | 2010     | 2018     | 2019     |
| Average monthly gross retirement and other pension: |          |          |          |
| from non-agricultural social security system:       |          |          |          |
| nominal in PLN                                      | 1 642.90 | 2 221.90 | 2 327.07 |
| real – previous year=100                            | 103.6    | 102.1    | 102.0    |
| farmers:  |          |          |          |
| nominal in PLN                                      | 954.68   | 1 226.85 | 1 291.86 |
| real – previous year=100                            | 101.9    | 100.4    | 102.6    |

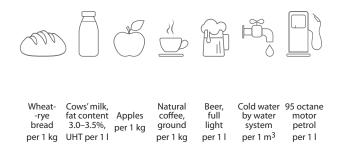
#### Price indices of consumer goods and services

|          | 2010  | 2018          | 2019  |
|----------|-------|---------------|-------|
|          | pro   | evious year=1 | 00    |
| Total    | 102.6 | 101.6         | 102.3 |
| goods    | 102.8 | 101.7         | 101.7 |
| services | 102.1 | 101.6         | 103.9 |

#### Price indices of consumer goods and services



#### Retail prices of selected goods



2010 3.87 PLN 2.69 PLN 2.51 PLN 24.12 PLN 5.82 PLN 2.99 PLN 4.59 PLN 2019 5.32 PLN 2.71 PLN 2.71 PLN 30.24 PLN 5.98 PLN 4.04 PLN 5.02 PLN

#### **Households**

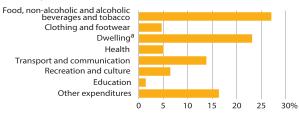
#### Households

|   | 2010     | 2018        | 2019     |
|---|----------|-------------|----------|
| Average number of persons in a household        | 2.89     | 2.64        | 2.61     |
| Average monthly income per capita in household: |          |             |          |
| available income in PLN                         | 1 200.82 | 1 693.46    | 1 819.14 |
| of which in %:                                  |          |             |          |
| from hired work                                 | 53.4     | 52.6        | 51.8     |
| from the private farm in agriculture            | 4.2      | 3.8         | 3.4      |
| from self-employment                            | 9.2      | 8.7         | 9.1      |
| from social benefits                            | 24.9     | 31.2        | 32.1     |
| disposable income in PLN                        | 1 147.18 | 1 643.14    | 1 768.65 |
| from self-employment from social benefits       | 9.2      | 8.7<br>31.2 | 9.1      |

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



### Average monthly expenditures per capita in household in 2019 (in % of total expenditures)



a Housing, furnishings, electricity, gas and other fuels.

### Average monthly consumption of selected foodstuffs per capita in household

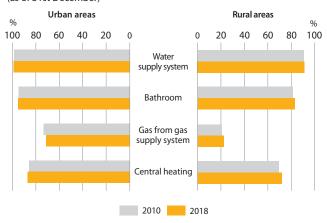
|  | 2010  | 2018  | 2019  |
|--|-------|-------|-------|
| Bread and cereals in kg                              | 7.01  | 5.48  | 5.36  |
| Meat in kg   | 5.57  | 5.20  | 5.08  |
| Fish and seafood in kg                               | 0.45  | 0.28  | 0.27  |
| Milk in I  | 3.51  | 2.94  | 2.87  |
| Cheese and curd in kg                                | 0.95  | 0.87  | 0.89  |
| Eggs in units  | 12.81 | 11.09 | 10.99 |
| Oils and fats in kg                                  | 1.35  | 1.07  | 1.05  |
| Fruit in kg  | 3.43  | 3.75  | 3.79  |
| Vegetables in kg                                     | 9.95  | 7.92  | 7.61  |
| Sugar, jam, honey, chocolate and confectionery in kg | 1.76  | 1.76  | 1.62  |
| Mineral or spring waters in I                        | 3.85  | 5.70  | 5.78  |

### **Dwellings**

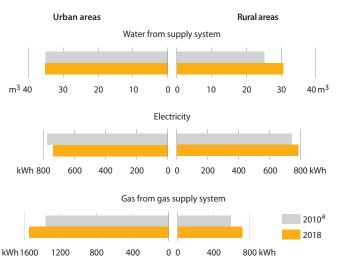
#### **Dwellings** completed

|  | 2010  | 2018  | 2019  |
|--|-------|-------|-------|
| Total in thousands                                       | 135.8 | 185.1 | 207.4 |
| of which in urban areas                                  | 86.1  | 124.1 | 141.5 |
| Per 1 000 marriages contracted                           | 595   | 962   | 1131  |
| Average useful floor area per dwelling in m <sup>2</sup> | 106.1 | 90.3  | 88.6  |

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



# Consumption of water, electricity and gas per capita in households (as of 31st December)



a In the case of gas supply system data concern 2015.

#### Health

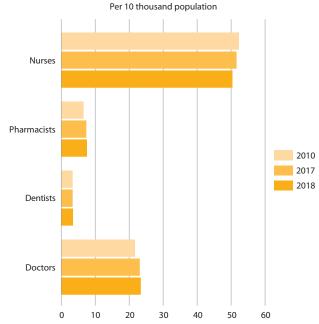
#### Hospitals (as of 31st December)

|  | 2010  | 2017  | 2018  |
|--|-------|-------|-------|
| General hospitals  | 836   | 951   | 949   |
| Beds per 10 thousand population <sup>a</sup>   | 49.4  | 48.2  | 47.3  |
| In-patients (excluding inter-ward patients transfer; during the year) per 10 thousand population | 2 014 | 2 023 | 2 001 |
| Average patient stay in days   | 5.7   | 5.3   | 5.3   |

a Including beds and incubators for newborns.

### Medical personnela

(as of 31st December)

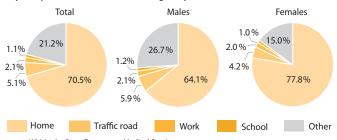


a Excluding persons for whom the primary workplace is university, units of state or local self-government administration or the National Health Fund.

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

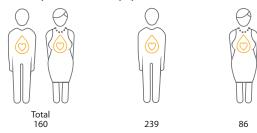
| (   |        |        |        |
|---|--------|--------|--------|
|   | 2010   | 2017   | 2018   |
| Out-patient health care:                            |        |        |        |
| out-patient departments                             | 16 603 | 21 665 | 21 881 |
| doctors and dentists practices                      | 6 927  | 5 106  | 4 820  |
| consultations provided (during the year) per capita | 7.4    | 8.5    | 8.5    |
| Generally available pharmacies                      | 11 297 | 13 338 | 12 899 |
| Pharmaceutical outlets                              | 1 161  | 1 284  | 1 243  |

# Persons who received health care benefits in 2018 by the place of occurrence (during the year)<sup>a</sup>



a Within the State Emergency Medical Services.

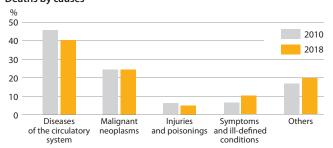
#### Blood donors per 10 thousand population in 2018



#### Self-perceived health by sex in 2018



#### Deaths by causes



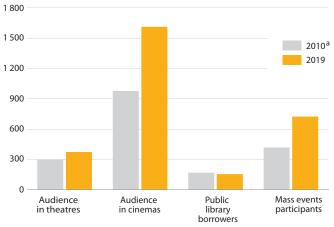
#### **Culture. Tourism**

#### Cultural institutions (as of 31st December)

|                                 | 2010   | 2018  | 2019  |
|---------------------------------|--------|-------|-------|
| Theatres and music institutions | 183    | 189   | 188   |
| Cinemas indoor                  | 438    | 497   | 523   |
| Screens in indoor cinemas       | 1 076  | 1 454 | 1 513 |
| Museums and arts galleries      | 1 152  | 1 270 | 1 286 |
| Public libraries and branches   | 8 342  | 7 920 | 7 925 |
| Mass events                     | 5 081a | 7 074 | 6 949 |

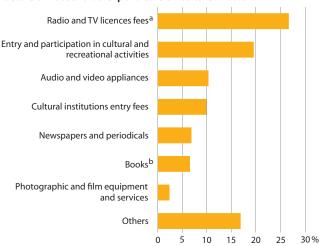
a In 2011.

#### Visitors of cultural establishments per 1000 population



a Mass events participants - 2011.

#### Structure of households' expenditure on culture in 2019



a Bundled telecommunication services excluded. b Excluding school textbooks.

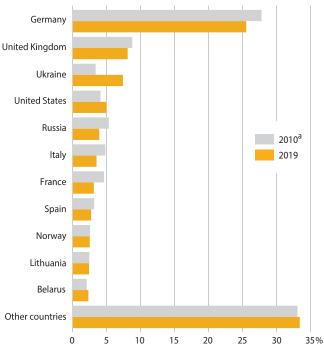
#### **Culture**, Tourism

#### Tourist accommodation establishments (as of 31st July)

|                                    | 2010 <sup>a</sup> | 2018   | 2019   |
|------------------------------------|-------------------|--------|--------|
| Facilities <sup>a</sup>            | 7 206             | 11 076 | 11 251 |
| Beds places in thousands           | 610.1             | 798.7  | 825.5  |
| Tourists accommodated in thousands | 20 462            | 33 896 | 35 668 |
| of which foreign tourists in %     | 20.2              | 20.9   | 20.9   |
| Occupancy rate of bed places in %  | 34.3              | 40.1   | 40.6   |

a Excluding rooms for rent and agrotourism lodgings.

# Foreign tourists accommodated in tourist accommodation establishments by countries



a Excluding rooms for rent and agrotourism lodgings.

#### Participation of the Polish residents aged 15 and more in tourist trips

|                          | 2010    | 2018         | 2019    |
|--------------------------|---------|--------------|---------|
|                          | in % of | surveyed pop | ulation |
| Travellersa              | 45      | 62           | 64      |
| in country for: 2-4 days | 22      | 39           | 41      |
| 5 days and more          | 26      | 33           | 34      |
| abroad                   | 14      | 19           | 20      |
| Non-travellers           | 55      | 38           | 36      |

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

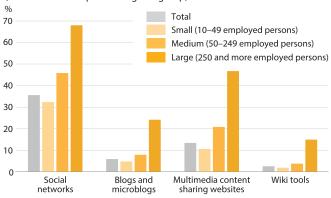
### **Information society**

# Enterprises<sup>a</sup> using selected information and communication technologies

|  | 2010                      | 2018 | 2019 |
|--|---------------------------|------|------|
|  | in % of total enterprises |      |      |
| Enterprises having:  |                           |      |      |
| computers (desktops or portable computers)                     | 97.1                      | 96.2 | 96.8 |
| Internet access  | 95.8                      | 95.6 | 96.3 |
| of which broadband connection                                  | 69.0                      | 95.0 | 96.3 |
| of which mobile access   | 20.8                      | 67.6 | 75.7 |
| own website  | 65.5                      | 66.8 | 70.2 |
| Enterprises using social media                                 | 19.1 <sup>b</sup>         | 30.3 | 36.6 |
| Enterprises using paid cloud computing services                | 5.8 <sup>c</sup>          | 11.5 | 17.5 |
| Enterprises providing portable devices to the employed persons | 41.1 <sup>d</sup>         | 67.7 | 76.2 |

b 2013. c 2014. d 2012.

## Enterprises<sup>a</sup> using social media by size classes of entities in 2019 (in % of total enterprises in a given group)



#### Facilities offered by websites or home pages of enterprises<sup>a</sup>

|   | 2010   | 2018            | 2019  |
|---|--------|-----------------|-------|
|   | in % ( | of total enterp | rises |
| Product catalogues or price lists                                 | 48.8   | 61.2            | 66.2  |
| Possibility for visitors to customise or design the products      | 17.4   | 13.0            | 9.7   |
| Online ordering or reservation or booking                         | 9.9    | 14.1            | 13.1  |
| Personalised content of the website for regular/repeated visitors | 8.2    | 7.4             | 7.0   |
| Advertisement of open job positions or online job applications    | 11.3   | 21.4            | 20.7  |

a Data concern economic entities employing more than 9 persons.

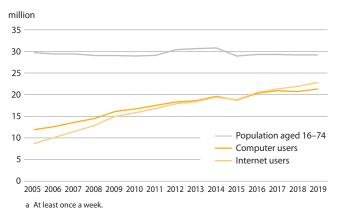
### **Information society**

#### Households<sup>a</sup> having access to the Internet

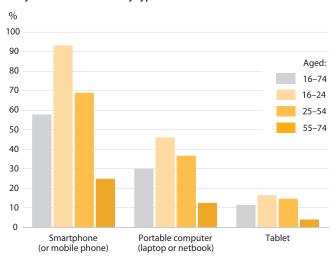
|                               | 2010   | 2018 | 2019 |
|-------------------------------|--|------|------|
|                               | in % of total households<br>of a given group |      |      |
| Total                         | 63.4   | 84.2 | 86.7 |
| of which broadband connection | 56.8   | 79.3 | 83.3 |
| Of which households:          |  |      |      |
| with children                 | 82.9   | 99.2 | 99.3 |
| without children              | 53.7   | 77.0 | 80.4 |

a Data concern households with at least one person aged 16-74.

#### Regular<sup>a</sup> computer and Internet users aged 16-74



# Individuals using mobile devices to access the Internet away from home or work by types of device in 2019



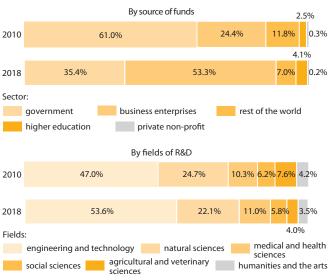
### **Science and technology**

#### Research and experimental development (R&D)

|  | 2010    | 2017    | 2018    |
|--|---------|---------|---------|
| Gross domestic expenditures on R&D (current prices): |         |         |         |
| per capita in PLN                                    | 270     | 536     | 668     |
| in % of GDP  | 0.72    | 1.03    | 1.21    |
| Internal R&D personnela                              | 129 792 | 187 583 | 203 588 |
| of which researchers in %                            | 77.8    | 78.2    | 74.1    |

a In 2010 employees.

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



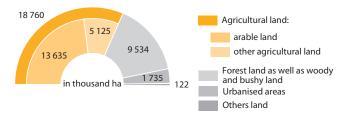
#### Innovation activity of enterprisesa

|  | 2010   | 2017   | 2018   |
|--|--------|--------|--------|
| Innovative enterprises <sup>b</sup> as the share of to-<br>tal: industrial enterprises | 17.1   | 18.5   | 24.0   |
| service enterprises  | 12.8   | 10.4   | 19.6   |
| Expenditures of:   |        |        |        |
| industrial enterprises in PLN millions   | 23 758 | 28 024 | 23 389 |
| of which in %: capital expenditures <sup>c</sup>                                       | 75.3   | 70.4   | 52.3   |
| on R&D   | 14.1   | 22.9   | 37.7   |
| service enterprises in PLN millions  | 10 790 | 13 142 | 13 095 |
| of which in %: capital expenditures <sup>c</sup>                                       | 54.9   | 21.6   | 22.9   |
| on R&D   | 12.5   | 43.4   | 57.7   |

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.

### **Environment. Energy**

# **Directions of geodesic land use in 2019** (as of 1st January)



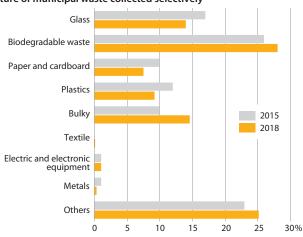
#### Water withdrawal for needs of the national economy and population

|                              | 2010   | 2017   | 2018  |
|------------------------------|--------|--------|-------|
| In hm <sup>3</sup>           | 10 866 | 10 081 | 9 886 |
| In m <sup>3</sup> per capita | 282    | 262    | 257   |

#### **Environment pollutants**

| 2010    | 2017                                       | 2018  |
|---------|--|---|
| 113 479 | 113 793                                    | 115 339   |
| 12 032  | 11 969                                     | 12 485  |
| 312     | 312  | 325   |
| 2 309   | 2 198                                      | 2 192   |
| 2 134   | 2 091                                      | 2 085   |
| 64.7    | 73.6                                       | 74.0  |
|         | 113 479<br>12 032<br>312<br>2 309<br>2 134 | 113 479 113 793<br>12 032 11 969<br>312 312<br>2 309 2 198<br>2 134 2 091 |

#### Structure of municipal waste collected selectively



### **Environment. Energy**

#### Total emission of main air pollutants

|                               | 2010    | 2017    | 2018    |  |
|-------------------------------|---------|---------|---------|--|
|                               | in      | es      |         |  |
| Greenhouse gases <sup>a</sup> | 412 926 | 414 679 | 412 856 |  |
| Sulphur dioxide               | 817     | 526     | 502     |  |
| Nitrogen oxides <sup>b</sup>  | 881     | 780     | 762     |  |
| Carbon oxide                  | 2 999   | 2 390   | 2 339   |  |

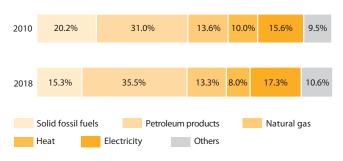
a, b Expressed as: a - carbon dioxide equivalent, b - nitrogen dioxide.

#### Basic energy data

|                            | 2010 | 2017 | 2018 |
|----------------------------|------|------|------|
| Primary energy production: |      |      |      |
| in Mtoe                    | 66.8 | 64.1 | 61.4 |
| per capita in toe          | 1.7  | 1.7  | 1.6  |
| Final energy consumption:  |      |      |      |
| in Mtoe                    | 65.2 | 69.2 | 70.0 |
| per capita in toe          | 1.7  | 1.8  | 1.8  |

#### Structure of final energy consumption

#### By energy carriers

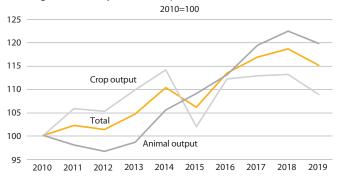


#### By sectors

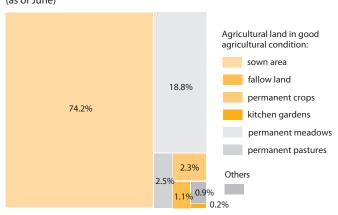


### **Agriculture**

#### Gross agricultural output (constant prices)



## Agricultural land area in total in 2019 (as of June)



#### Production

| Troduction        |                    |        |        |  |  |
|-------------------|--------------------|--------|--------|--|--|
|                   | 2010               | 2018   | 2019   |  |  |
|                   | in thousand tonnes |        |        |  |  |
| Cereals           | 27 228             | 26 790 | 28 990 |  |  |
| of which:         |                    |        |        |  |  |
| wheat             | 9 408              | 9 820  | 11 012 |  |  |
| rye               | 2 852              | 2 167  | 2 461  |  |  |
| barley            | 3 397              | 3 048  | 3 374  |  |  |
| oats              | 1 516              | 1 166  | 1 233  |  |  |
| maize for grain   | 1 994              | 3 864  | 3 734  |  |  |
| triticale         | 4 576              | 4 086  | 4 583  |  |  |
| Potatoes          | 8 188              | 7 312  | 6 482  |  |  |
| Sugar beets       | 9 973              | 13 765 | 13 837 |  |  |
| Oilseeds          | 2 273              | 2 250  | 2 432  |  |  |
| Ground vegetables | 4 189              | 4 109  | 3 850  |  |  |
| Tree fruit        | 2 217              | 4 495  | 3 456  |  |  |

### **Agriculture**

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

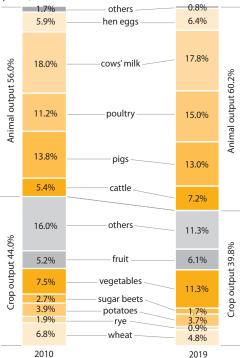
|               | 2010 | 2010 2018 |    |
|---------------|------|-----------|----|
|               |      |           |    |
| Cattle        | 39   | 42        | 43 |
| of which cows | 18   | 17        | 17 |
| Pigs          | 103  | 81        | 73 |

#### Production of major agricultural product per 1 ha of agricultural land

|  | 2010  | 2018  | 2019             |
|--|-------|-------|------------------|
| Cereals in kg                            | 1 832 | 1 826 | 1 974            |
| Potatoes in kg                           | 551   | 498   | 441              |
| Sugar beets in kg                        | 671   | 938   | 942              |
| Total vegetables in kg                   | 328   | 359   | 342 <sup>b</sup> |
| Animals for slaughter <sup>a</sup> in kg | 263   | 374   | 373              |
| of which:                                |       |       |                  |
| beef                                     | 26    | 39    | 39               |
| pork                                     | 125   | 135   | 127              |
| Cows' milk in I                          | 802   | 939   | 959              |

a In terms of meat; in post-slaughter warm weight. b Non-final data.

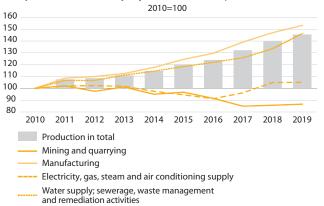
# Structure of agricultural market output by products (current prices)



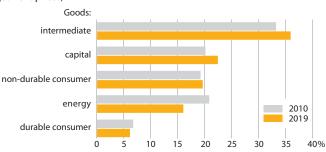
#### Sold production of industry<sup>a</sup>

|   | 2010  | 2018  | 2019  |
|---|-------|-------|-------|
| Indices of sold production of industry (constant prices): previous year=100 | 109.0 | 105.8 | 104.0 |
| 2010=100  | 100.0 | 139.9 | 145.5 |
| Price indices of sold production of industry – previous year=100            | 102.1 | 102.1 | 101.2 |

#### Sold production of industry<sup>a</sup> by sections (current prices)



# Structure of sold production of industry<sup>a</sup> by the Main Industrial Groupings (current prices)



#### Production of selected products<sup>a</sup>

|                       | 2010   | 2018        | 2019   |
|-----------------------|--------|-------------|--------|
|                       | in     | thousand un | its    |
| Passenger cars        | 785    | 452         | 435    |
| TV receivers          | 26 349 | 20 960      | 22 130 |
| Dish washing machines | 2 780  | 4 418       | 4 704  |
| Tyres                 | 40 840 | 49 235      | 50 023 |

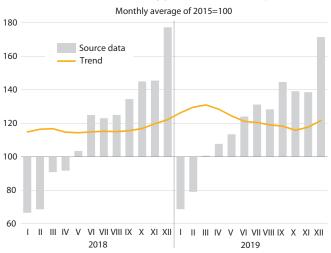
a Data concern economic entities employing more than 9 persons, while in 2019 in the case of production of selected products – more than 49 persons.

#### Construction

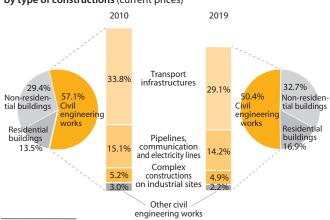
#### **Construction**<sup>a</sup>

|   | 2010  | 2018  | 2019  |
|---|-------|-------|-------|
| Sale of construction and assembly production (current prices) in % of total – construction works: |       |       |       |
| investments   | 66.5  | 61.8  | 62.0  |
| repairs   | 33.5  | 38.2  | 38.0  |
| Indices of construction and assembly production (constant prices) – previous year=100             | 103.5 | 117.9 | 102.6 |
| Price indices of construction and assembly production – previous year=100                         | 99.9  | 102.7 | 103.5 |

#### Sale of construction and assembly production<sup>a</sup> (constant prices)



# Structure of construction and assembly production by type of constructions (current prices)



a Data concern economic entities employing more than 9 persons.

#### **Technical infrastructure**

|  | 2010  | 2017  | 2018  |
|--|-------|-------|-------|
| Railway lines per 100 km² in km                                      | 6.5   | 6.1   | 6.2   |
| Electrified railway lines in % of total standard gauge railway lines | 59.3  | 61.7  | 61.8  |
| Hard surface public roads per 100 km² in km                          | 87.6  | 95.8  | 97.2  |
| Expressways in km  | 675   | 1 768 | 2 077 |
| Motorways in km  | 857   | 1 637 | 1 637 |
| Main pipelines for crude petroleum and petroleum products in km      | 2 362 | 2 483 | 2 483 |
| Inland waterways in km   | 3 659 | 3 654 | 3 654 |
| Maritime transport fleet:  |       |       |       |
| vessels  | 121   | 94    | 97    |
| DWT in thousand tonnes   | 2 942 | 2 422 | 2 602 |

# Hard surface public roads per 100 km² of total area (network density) in 2018 (as of 31st December)



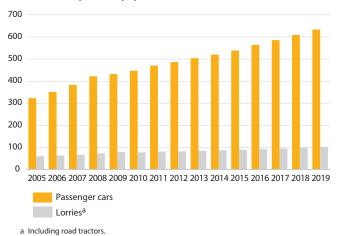
#### Transport of goods and passengers by means of transport

| sport or goods and passengers by means or mansport |         |            |          |       |                           |       |
|--|---------|------------|----------|-------|---------------------------|-------|
|  | 2010    | 2017       | 2018     | 2010  | 2017                      | 2018  |
|  | goods i | n thousand | l tonnes |       | gers in the<br>of persons |       |
| Total <sup>b</sup>                                 | 1 796.0 | 2 039.0    |          | 838.0 | 693.4                     |       |
| of which:  |         |            |          |       |                           |       |
| Railway transport <sup>c</sup>                     | 234.6   | 239.5      | 249.3    | 261.3 | 303.0                     | 309.7 |
| Road transport                                     | 1 491.0 | 1 747.0    |          | 569.7 | 378.6                     | 336.5 |
| Air transport                                      | 0.04    | 0.05       | 0.06     | 5.0   | 11.8                      | 13.9  |
| Pipeline transport                                 | 56.2    | 52.0       | 55.3     |       |                           |       |

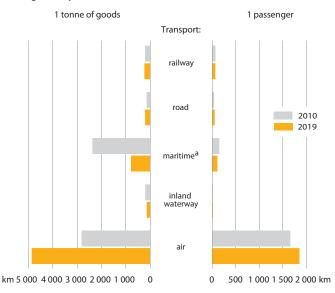
a Excluding urban road transport. b Excluding maritime and coastal transport. c Excluding shounting.

### **Transport**

#### Motor vehicles per 1000 population (as of 31st December)



#### Average transport distance



a In the case of passengers including coastal transport.

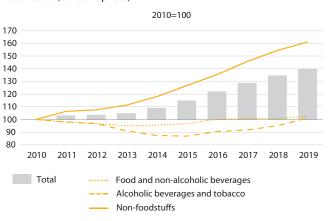
#### Sale of products and services of transportation and storage

|  | 2010  | 2017  | 2018  |
|--|-------|-------|-------|
| Indices of sale of transportation and storage: previous year=100 | 105.1 | 111.3 | 105.5 |
| 2010=100   | 100.0 | 150.0 | 139.6 |

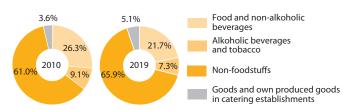
#### Retail and wholesale trade

|   | 2010  | 2018  | 2019  |
|---|-------|-------|-------|
| Indices of retail sales (constant prices): previous year=100                  | 99.0  | 104.6 | 103.9 |
| 2010=100  | 100.0 | 134.7 | 140.0 |
| Indices of wholesale in trade enterprises (current prices): previous year=100 | 111.4 | 110.2 | 105.9 |
| 2010=100  | 100.0 | 167.5 | 177.3 |

#### Retail sales (constant prices)



#### Structure of retail sales (current prices)



#### Retail sales per capita (current prices)

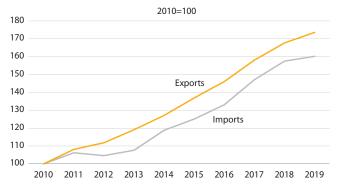


#### **Trade**

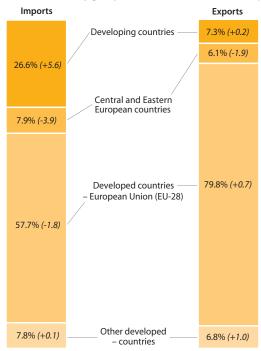
#### Foreign trade turnover (current prices)

|                 | Impor | rts – cif | Exports |         | Balance |      |
|-----------------|-------|-----------|---------|---------|---------|------|
|                 | 2010  | 2019      | 2010    | 2019    | 2010    | 2019 |
| In PLN billions | 536.2 | 1 005.8   | 481.1   | 1 013.7 | -55.1   | +7.9 |
| In USD billions | 178.1 | 262.5     | 159.8   | 264.5   | -18.3   | +2.0 |
| In EUR billions | 134.2 | 234.0     | 120.4   | 235.8   | -13.8   | +1.8 |

#### Indices of foreign trade turnover (constant prices)

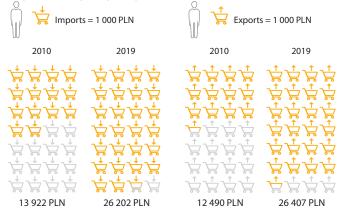


#### Foreign trade turnover by groups of countries in 2019 (current prices)



(+0.7) Change in the ratio to 2010 (in pp).

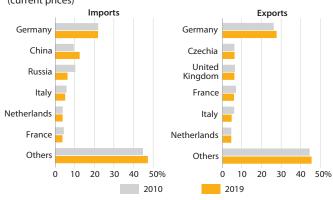




#### Imports and exports by SITC sections in 2019 (current prices)

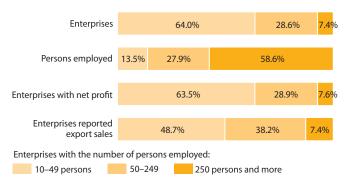
| imports and exports by sine sections in                       | LO 13 (carrent pri | CC3)    |
|---|--------------------|---------|
|   | Imports            | Exports |
|   | in                 | %       |
| Total   | 100.0              | 100.0   |
| Food and live animals   | 7.2                | 10.7    |
| Beverages and tobacco   | 0.8                | 2.0     |
| Crude materials inedible, except fuels                        | 2.9                | 2.2     |
| Mineral fuels, lubricants and related materials               | 7.6                | 2.1     |
| Animal and vegetable oils, fats and waxes                     | 0.4                | 0.1     |
| Chemicals and related products                                | 13.6               | 9.1     |
| Manufactured goods classified chiefly by material             | 16.4               | 18.2    |
| Machinery and transport equipment                             | 36.3               | 38.1    |
| Miscellaneous manufactured articles                           | 13.3               | 17.2    |
| Commodities and transactions not classified elsewhere in SITC | 1.5                | 0.3     |

# Foreign trade turnover by major partners (current prices)



### **Non-financial enterprises. Investments**

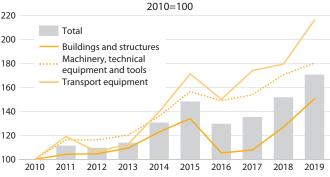
#### Basic data about non-financial enterprises by class size in 2019



#### Financial results of enterprises<sup>a</sup>

| r maneiar results of effect prises                              |           |           |           |
|---|-----------|-----------|-----------|
|   | 2010      | 2018      | 2019      |
| Revenues from total activity in PLN millions                    | 2 396 643 | 3 581 485 | 3 773 436 |
| Costs of obtaining revenues from total activity in PLN millions | 2 270 112 | 3 413 364 | 3 593 018 |
| Financial result in PLN millions                                |           |           |           |
| gross   | 126 349   | 168 122   | 180 419   |
| net   | 105 259   | 139 178   | 150 311   |
| Indicators in %:  |           |           |           |
| cost level  | 94.7      | 95.3      | 95.2      |
| gross sales profitability                                       | 5.1       | 4.7       | 4.7       |
| gross turnover profitability                                    | 5.3       | 4.7       | 4.8       |
| net turnover profitability                                      | 4.4       | 3.9       | 4.0       |
| first degree financial liquidity                                | 39.4      | 37.1      | 38.7      |
| second degree financial liquidity                               | 106.3     | 100.5     | 101.1     |
|   |           |           |           |

### $\textbf{Investment outlays in enterprises}^{a} \, (\textbf{current prices})$



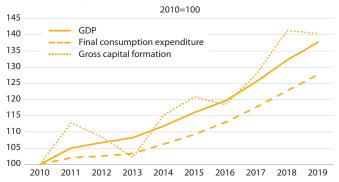
a Data concern economic entities keeping accounting ledgers (with the exception of classified as "Agriculture, forestry and fishing" and "Financial and insurance activities" according to the NACE) in which the number of employed persons exceeds 9 persons.

#### **National accounts. EDP notification**

#### Gross domestic product per capita (current prices)



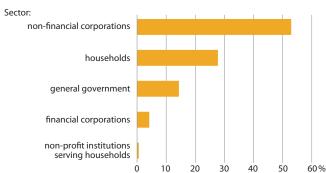
#### Gross domestic product (current prices)



#### **Gross domestic product**

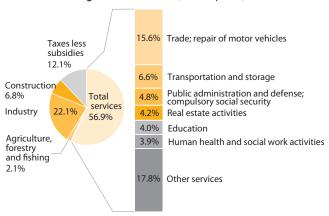
|  | 2010  | 2018  | 2019  |
|--|-------|-------|-------|
| Indices of gross domestic product (constant prices): previous year=100 | 103.6 | 105.3 | 104.1 |
| 2010=100   | 100.0 | 132.2 | 137.6 |
| Indices of gross value added (constant prices): previous year=100      | 103.5 | 105.3 | 104.1 |
| 2010=100   | 100.0 | 131.9 | 137.3 |

# Share of institutional sectors in generation of gross value added in 2019 (current prices)



#### **National accounts. EDP notification**

#### Structure of GDP generation in 2019 (current prices)

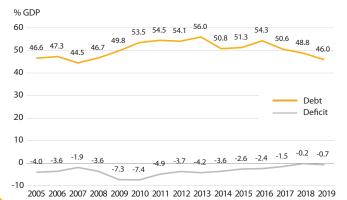


#### Domestic demand

|   | 2010                                     | 2018  | 20    | 19    |  |
|---|--|-------|-------|-------|--|
|   | previous year=100 in % of (curre prices) |       |       |       |  |
| Domestic demand                             | 104.2                                    | 105.6 | 103.0 | 94.7  |  |
| final consumption expend-<br>iture          | 102.8                                    | 104.3 | 104.1 | 75.2  |  |
| of which:                                   |  |       |       |       |  |
| consumption expenditure of household sector | 102.6                                    | 104.2 | 103.9 | 56.5  |  |
| public consumption ex penditure             | 103.1                                    | 103.7 | 104.9 | 17.9  |  |
| gross capital formation                     | 109.4                                    | 110.6 | 99.3  | 19.6  |  |
| of which gross fixed capital formation      | 100.0                                    | 109.4 | 107.2 | 18.6ª |  |

a Investment rate.

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



#### Current account of balance of payments

|                                   | 2010            | 2018    | 2019    |  |
|-----------------------------------|-----------------|---------|---------|--|
|                                   | in USD millions |         |         |  |
| Current account                   | -25 875         | -5 820  | 2 776   |  |
| goods (net)                       | -14 498         | -5 639  | 2 688   |  |
| services (net)                    | 4 364           | 25 584  | 28 177  |  |
| primary income <sup>a</sup> (net) | -15 623         | -24 103 | -26 044 |  |
| secondary income (net)            | -118            | -1 662  | -2 045  |  |

a Including investment and interest income.

# United States dollar, euro and Swiss franc average exchange rate of the National Bank of Poland



#### Selected financial institutions (as of 31st December)

|  | 2010 | 2018 | 2019 |
|--|------|------|------|
| Banks  | 646  | 612  | 600  |
| commercial banks   | 70   | 63   | 62   |
| of which banks with majority of foreign capital <sup>a</sup> | 60   | 50   | 49   |
| cooperative banks  | 576  | 549  | 538  |
| Investment funds   | 417  | 878  | 813  |
| Investment fund societies                                    | 50   | 61   | 57   |
| Insurance companies  | 63   | 60   | 60   |
| of which companies with majority of foreign capital          | 45   | 38   | 37   |
| Cooperative savings and credit unions                        | 59   | 30   | 25   |

# The companies listed on the Warsaw Stock Exchange and their capitalisation

| and then capitalisation  |         |           |           |
|--|---------|-----------|-----------|
|  | 2010    | 2018      | 2019      |
| Number of companies <sup>a</sup>   | 400     | 465       | 449       |
| of which domestic companies  | 373     | 414       | 401       |
| Market capitalisation <sup>a</sup> in PLN millions                               | 796 482 | 1 128 508 | 1 103 846 |
| domestic companies   | 542 646 | 578 949   | 550 243   |
| foreign companies  | 253 836 | 549 559   | 553 603   |
| Average turnover value (shares and rights to shares) per session in PLN millions | 926     | 858       | 787       |

a End of the year.

#### **Finances**

#### Market capitalization and Warsaw Stock Exchange Indice (WIG)

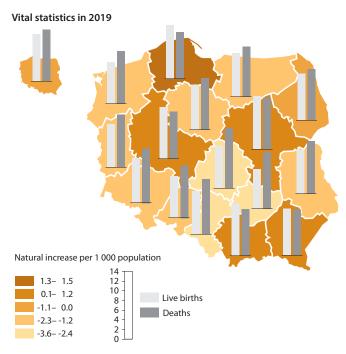


#### The state budget

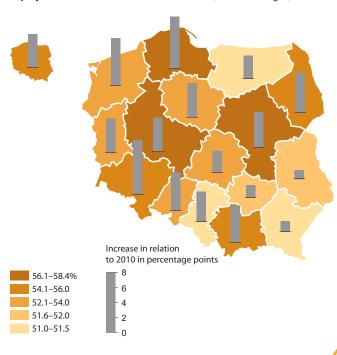
| The state badget                              |                 |         |         |               |
|---|-----------------|---------|---------|---------------|
|   | 2010            | 2017    | 20      | 18            |
|   | in PLN millions |         | ns      | in<br>percent |
| Revenue                                       | 250 303         | 350 415 | 380 077 | 100.0         |
| of which:                                     |                 |         |         |               |
| indirect taxes                                | 165 190         | 226 703 | 248 958 | 65.5          |
| corporate income tax                          | 21 770          | 29 758  | 34 762  | 9.1           |
| personal income tax                           | 35 593          | 43 995  | 59 951  | 15.8          |
| Expenditure                                   | 294 894         | 375 768 | 390 495 | 100.0         |
| of which:                                     |                 |         |         |               |
| public debt servicing                         | 34 143          | 29 641  | 29 487  | 7.6           |
| grants to:                                    |                 |         |         |               |
| Social Insurance Fund                         | 38 112          | 40 979  | 35 823  | 9.2           |
| Pension Fund                                  | 14 937          | 16 685  | 17 100  | 4.4           |
| general subvention for local government units | 46 910          | 54 281  | 56 430  | 14.5          |
| current expenditure of budget-<br>ary units   | 53 907          | 69 974  | 72 065  |               |
| European Union own resources                  | 14 345          | 15 742  | 18 661  | 4.8           |
| State budget result – deficit (-)             | -44 591         | -25 354 | -10 418 |               |
| European funds budget result – deficit (-)    | -10 416         | -411    | -3 525  |               |

#### Relation to gross domestic product (current prices)

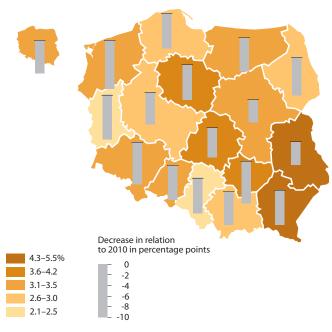
| , , , , , , , , , , , , , , , , , , ,      |      |      |      |
|--|------|------|------|
|  | 2010 | 2017 | 2018 |
|  | in % |      |      |
| Revenue of state budget                    | 17.3 | 17.6 | 17.9 |
| Expenditure of state budget                | 20.4 | 18.9 | 18.4 |
| State budget result – deficit (-)          | -3.1 | -1.3 | -0.5 |
| European funds budget result – deficit (-) | -0.7 | 0.0  | -0.2 |
| Public debt                                | 51.7 | 48.4 | 46.4 |



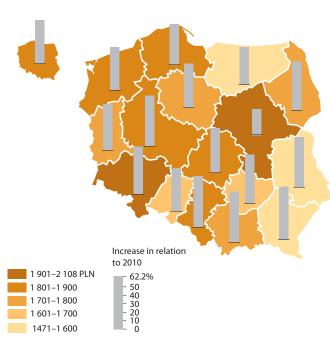
### Employment rate on the basis of LFS in 2019 (annual averages)



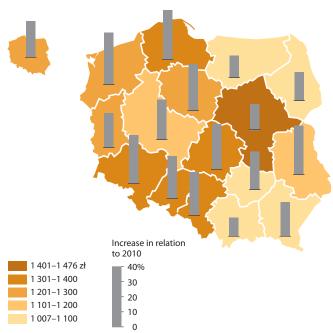
Unemployment rate on the basis of LFS in 2019



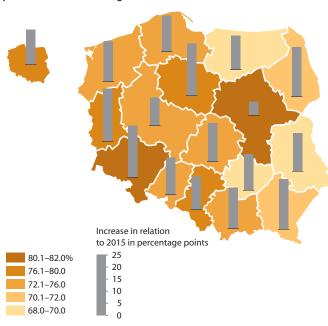
Average monthly available income per capita in households in 2019



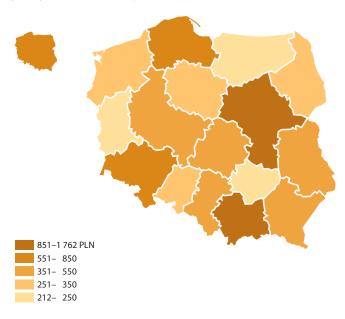
Average monthly expenditure per capita in households in 2019



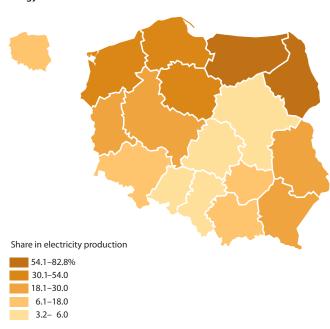
Non-financial sector enterprises equipping their employees with portable devices enabling mobile access to the Internet in 2019



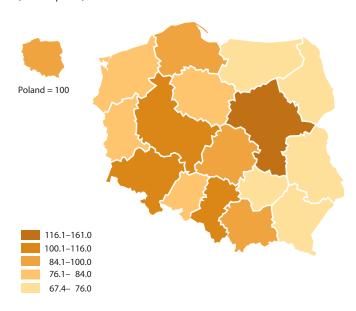
Gross domestic expenditures on research and development activity (R&D) per capita in 2018 (current prices)



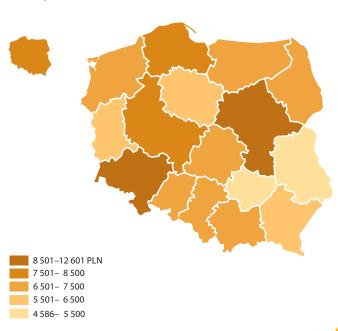
#### Energy from renewable sources in 2018



# Gross domestic product per capita in 2018 (current prices)



# **Investment outlays per capita in 2018** (current prices)



- 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 on population were compiled on the basis of population balances based on the results of the Population and Housing Census 2011.
- Data concerning economic activity of the population were compiled on the basis of sample Labour Force Survey (LFS). Data were generalised based on population balances on the basis of 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 2019 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

