

With Statistics through Warsaw 2019



Warszawa 2019



Statistical Office
in Warszawa

With Statistics through Warsaw 2019



Statistical Office
in Warszawa

Content-related works

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SYMBOLS

Symbol	Description
Δ	categories of applied classification are presented in abbreviated form
„Of which“	indicates that not all elements of the sum are given

MAIN ABBREVIATIONS

Abbreviation	Full name	Abbreviation	Full name
km	kilometre	m ³	cubic metre
km ²	square kilometre	dam ³	cubic decametre
°C	centigrade	kg	kilogram
mm	millimetre	PLN	Polish zloty
h	hour	kWh	kilowatt hour
m ²	square metre	vol.	volume



Geographical location of Warsaw

longitude east

20°51'06" west

21°16'16" east

north latitude

52°22'05" north

52°05'52" south

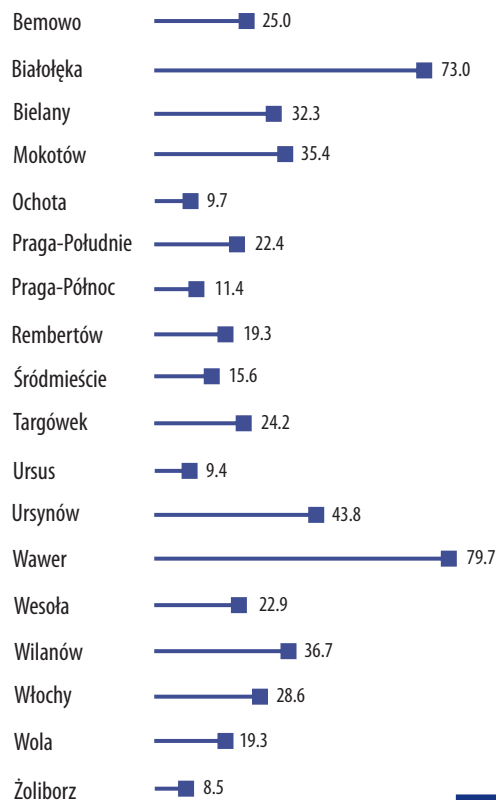
517.2 km² area of Warsaw

15.4% Wawer district
highest share in the area in total

1.6% Żoliborz district
lowest share in the area in total

Area (in km²) by districts in 2018

As of 1st January

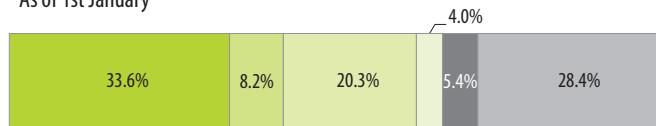


	2017	2018
Area per 1 inhabitant in m ²	293	291
Average air temperature in °C	9,4	10,4
maximum	19,7	21,4
minimum	-3,7	-3,2
Total annual precipitation in mm	705	433
Average wind velocity in m/s	3.5	3.4
Insolation in h	1351	1750
Average cloudiness in octants ^a	5.6	4.9

^a Degree of cloudiness: 0 (no clouds) to 8 (total cloud cover).

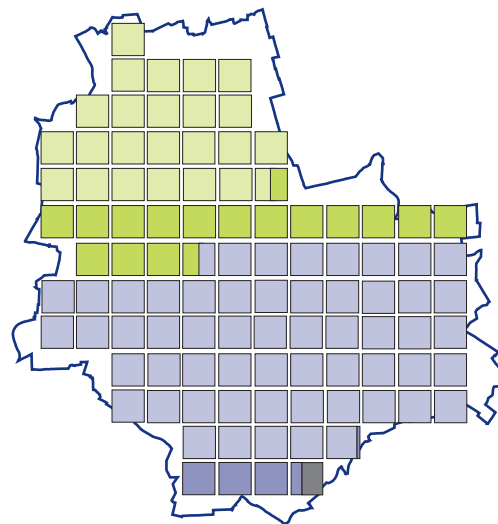
Structure of built-up and urbanized areas in 2018

As of 1st January



96.8% Ochota district
highest share in built-up
and urbanized areas

Geodesic area by directions of land use in 2018 As of 1st January



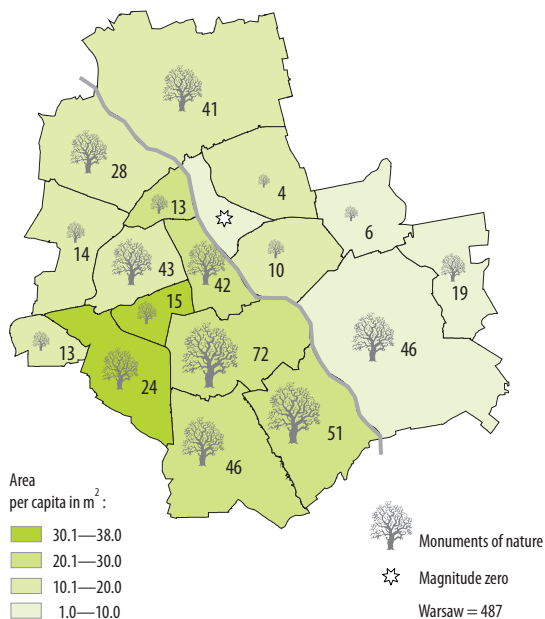
In percent:



24.3% Wilanów district
lowest share in built-up
and urbanized areas

Area of parks, lawns and green areas of housing estates per capita and monuments of nature in 2018

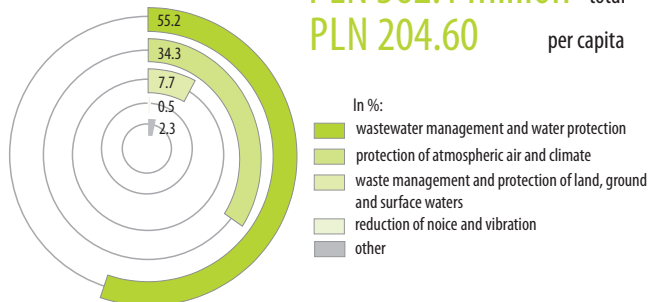
As of 1st January



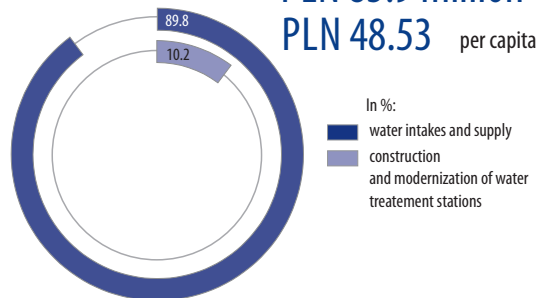
Warsaw = 18.6

Outlays of fixed assets in 2018

For environmental protection



For water management

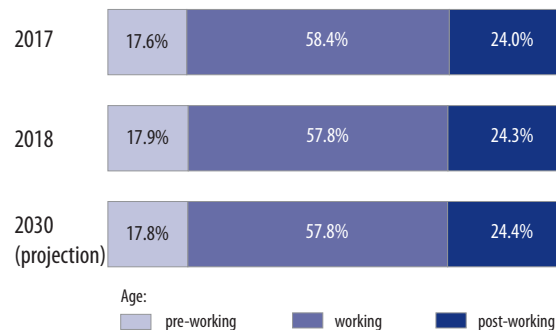


	2017	2018
Water withdrawal for needs of the national economy and population in m ³	145.4	146.5
Industrial and municipal wastewater requiring treatment in dam ³	103087	106338
Population connected to wastewater treatment plants ^a in % of total population	98.3	98.7
Emission of pollutants in tonnes:		
particulates	520	456
of which particulates from the combustion of fuels	503	432
gases (excluding CO ₂)	18103	16244
Mixed municipal waste collected from households per 1 inhabitant in kg	320	301

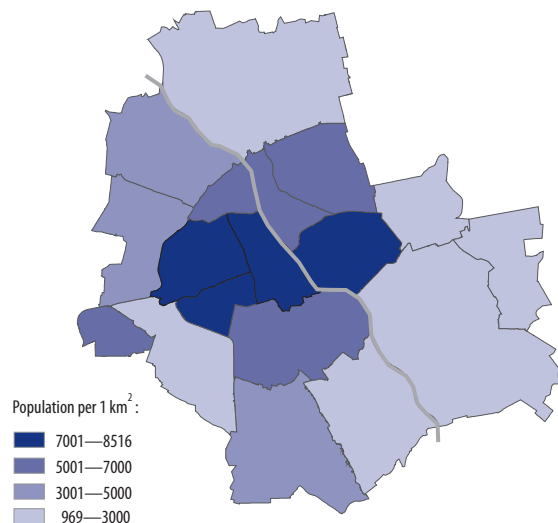
a Population connected to wastewater treatment plants — estimated data; total population — based on balances.

	2017	2018
Population ^a in thousands	1,764.6	1,778.0
women	953.8	960.3
men	810.8	817.7
Women per 100 men	118	117
Median age	41.3	41.5
women	42.9	43.0
men	39.6	39.8
Average life expectancy		
women	82.7	82.9
men	76.5	76.0

Structure of population^a by economic age groups

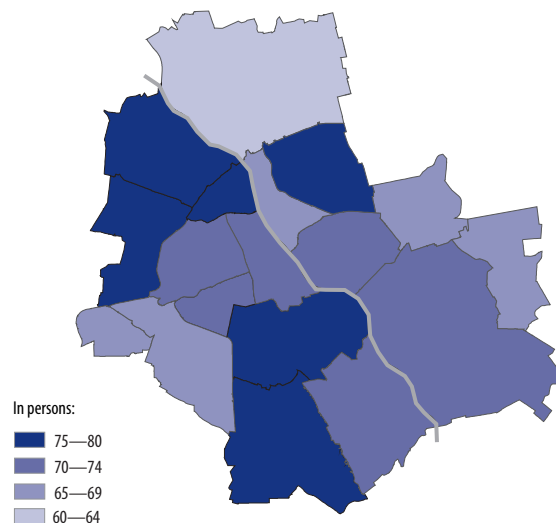


Population density^a in 2018



Warsaw = 3437

Non-working age population^a per 100 persons of working age in 2018

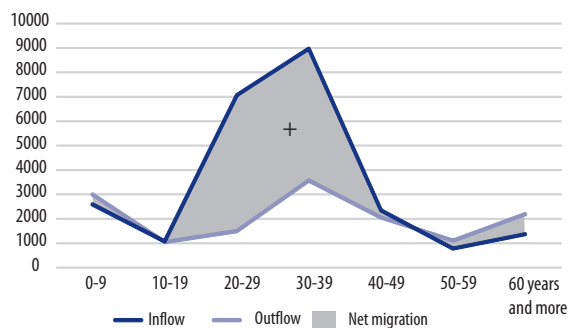


Warsaw = 73

a As of 31st December

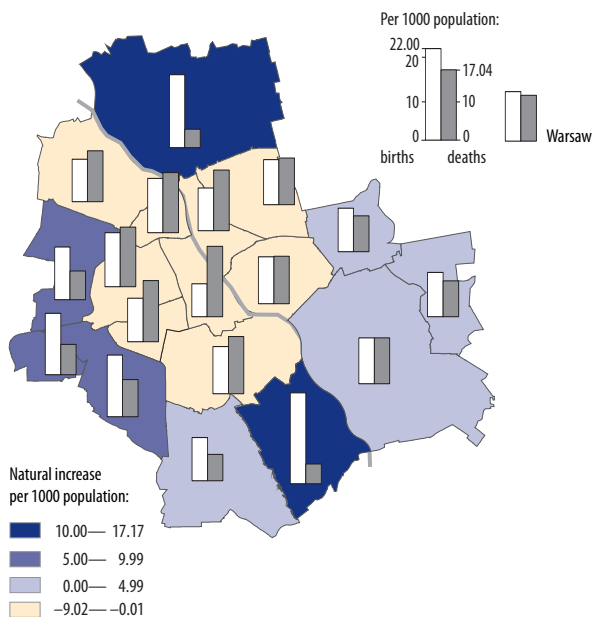
	2017	2018
Per 1000 population:		
marriages	5.11	5.18
divorces	1.99	2.03
live births	12.12	12.02
deaths	10.87	11.12
Live births per 1000 women aged 15–49	49.85	49.46
Total fertility rate	1.485	1.528

Internal migration of population^a for permanent residence by age groups in 2018



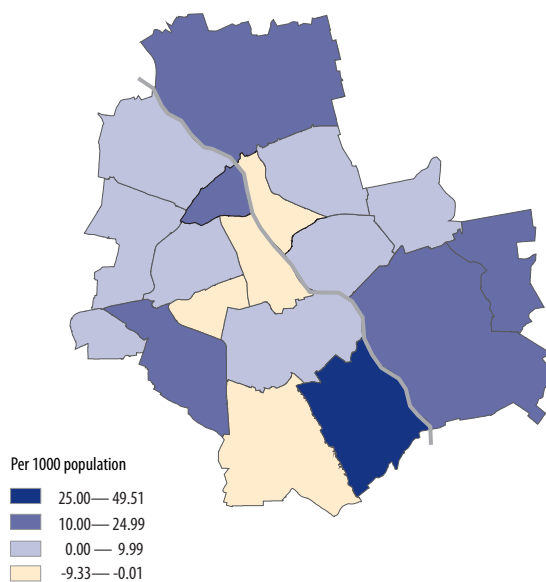
^a Excluding migrations within Warsaw.

Natural increase of population in 2018



Warsaw = 0.91

Net migration^a for permanent residence in 2018

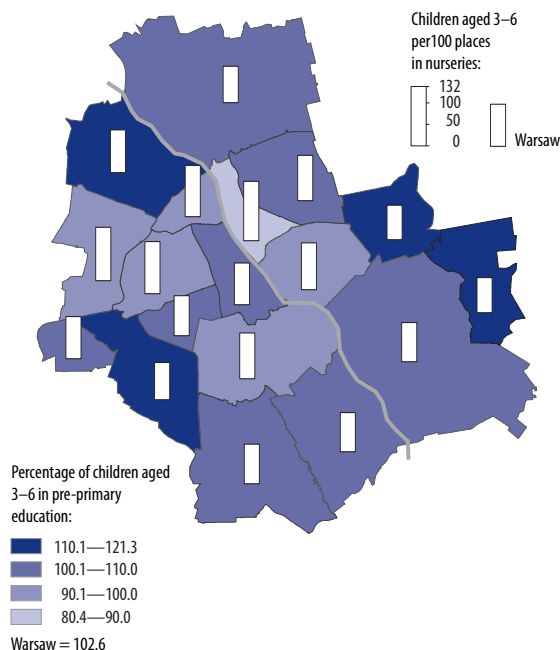


Warsaw = 6.16

^a Including migrations within Warsaw.

	2017/2018	2018/2019
Pre-primary education establishments	1077	1104
of which nursery schools	751	780
Places in nursery schools in thous.	75.9	79.5
Children in pre-primary education establishments in thousands	78.1	80.9
of which at the age of:		
5 years	20.1	19.6
6 years	17.3	18.7
of which in nursery schools	67.3	70.2

Pre-primary education in the school year 2017/2018

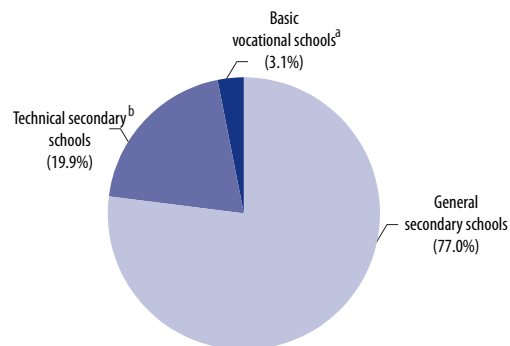


Establishments Pupils/students Graduates

Schools ^a :			
primary	402	143068	
lower secondary	49	16239	14291
stage I sectoral vocational ^a	33	2247 ^c	525 ^d
general secondary	194	46645	13118
technical secondary for youth	54	17549	3281
general art schools ^e	6	796	114
post-secondary	97	16285	3593

a Establishments and pupils/students from the 2018/19 school year; graduates from the 2017/18 school year. b Including special job training schools. c Including 531 students of branches of basic vocational schools for youth. d Graduates of basic vocational schools. e Leading to professional certification.

Structure of graduates of upper secondary schools from the 2017/18 school year



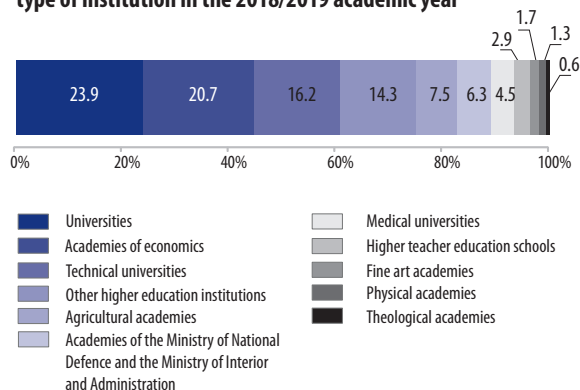
a Including special job-training schools. b Including general art schools leading to professional certification.

	2017/2018	2018/2019
Higher education institutions	70	71
Students ^a total	230268	219559
of which foreigners	21683	24177
study forms:		
full-time programmes	140333	134024
part-time programmes	89935	85535
Graduates ^{ab}	60809	52286

a By actual location of organizational units. b From the previous academic year.

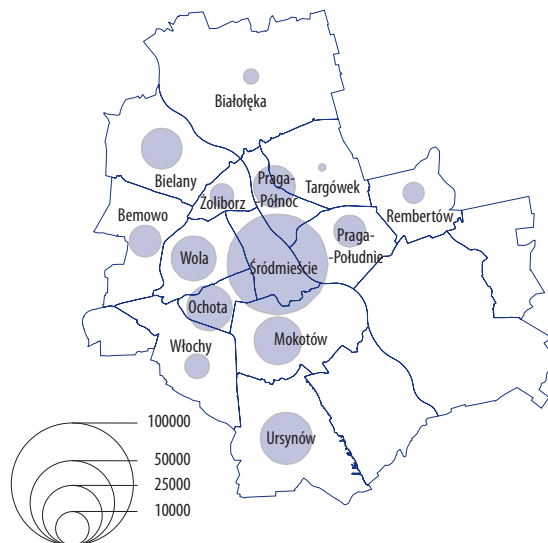
Note. The number of higher education institutions in total was given in accordance with higher education register administered by the Ministry of Science and Higher Education. Information on students and graduates concerns higher education institutions that submitted statistical reports.

Structure of students³ of higher education institutions by type of institution in the 2018/2019 academic year

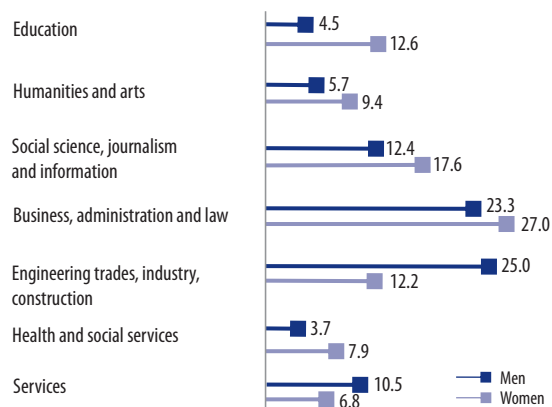


a By actual location of organizational units.

Students by actual location of higher education institution/branch in the 2018/2019 academic year



Graduates of higher education institutions^a from the 2017/2018 academic year by selected fields of education in % of total graduates of given sex



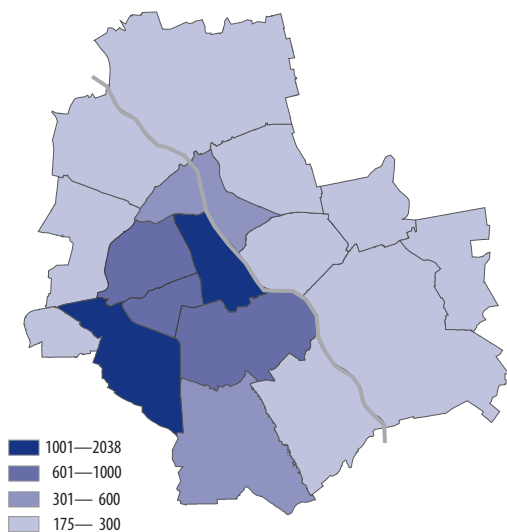
a By headquarters of the institution.

	2017	2018
Employed persons ^a total	934342	952983
of which women	494193	504305
From the total number:		
industry and construction	123452	129285
trade; repair of motor vehicles, ^Δ transportation and storage, accommodation and catering, ^Δ information and communication	300528	306758
financial and insurance activities, real estate activities	116704	125297

a As of 31st December.

Employed persons per 1000 population in 2018

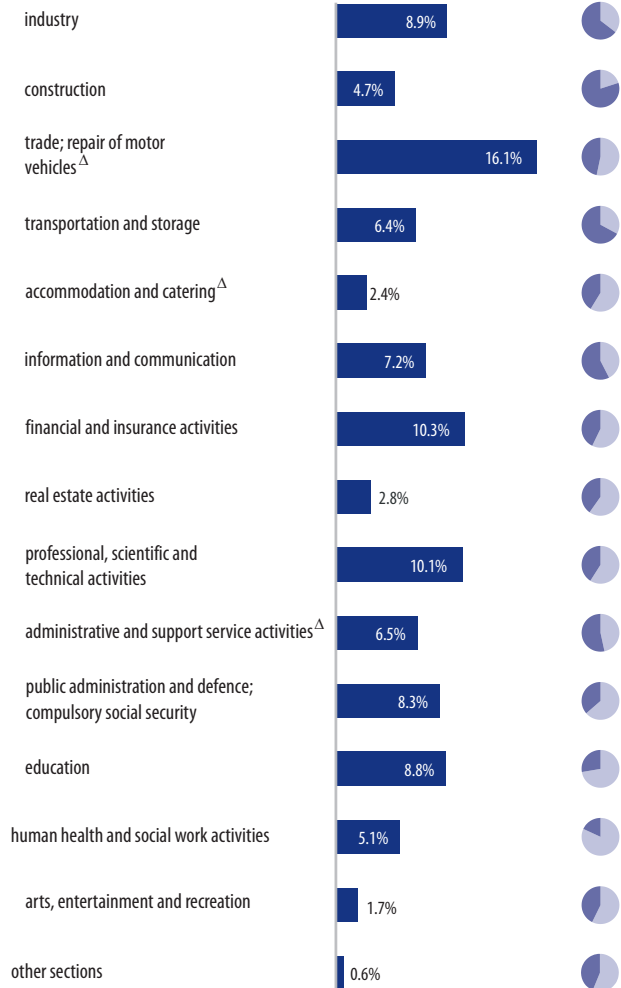
As of 31st December



Employed persons by section in 2018

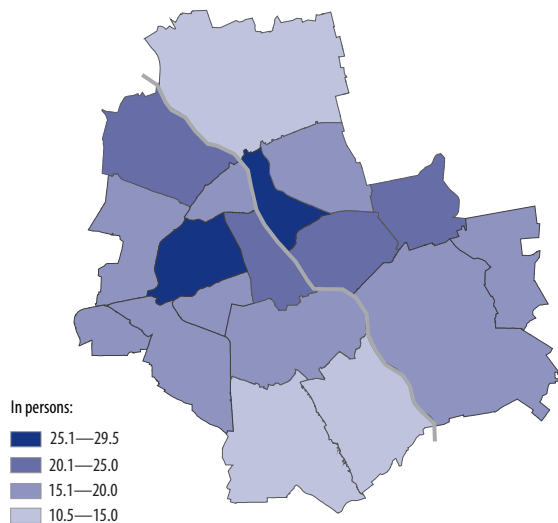
As of 31st December

Sections:



	2017	2018
Registered unemployed persons ^a	26056	19382
of which women	13070	9707
Newly registered unemployed persons	40631	34592
Unemployed persons removed from unemployment rolls	47787	41266
of which due to taking up work	23229	19777
Registered unemployment rate ^a in %	2.0	1.5
Unemployed persons ^a per 1 job offer	9	13

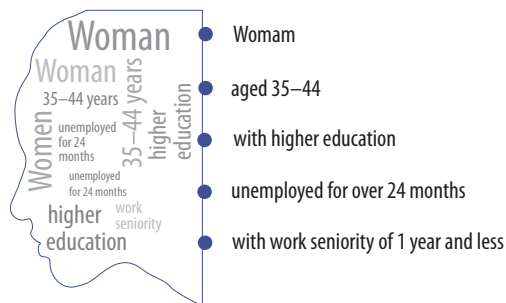
Registered unemployed persons^a per 1000 population of working age in 2018



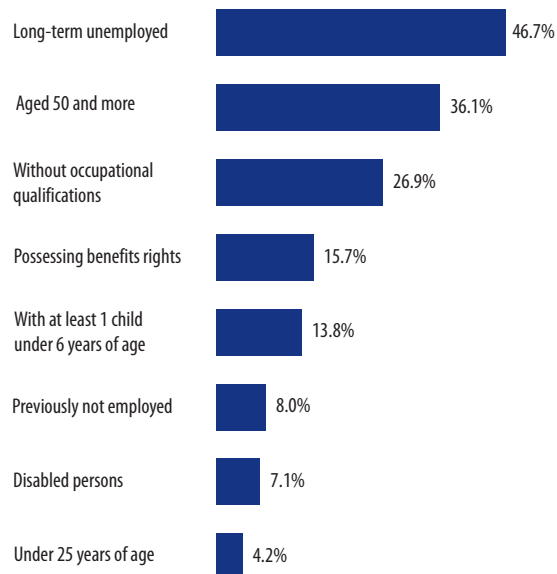
Warsaw = 18.9

^a As of 31st December.

Statistical unemployed resident of Warsaw^a in 2018



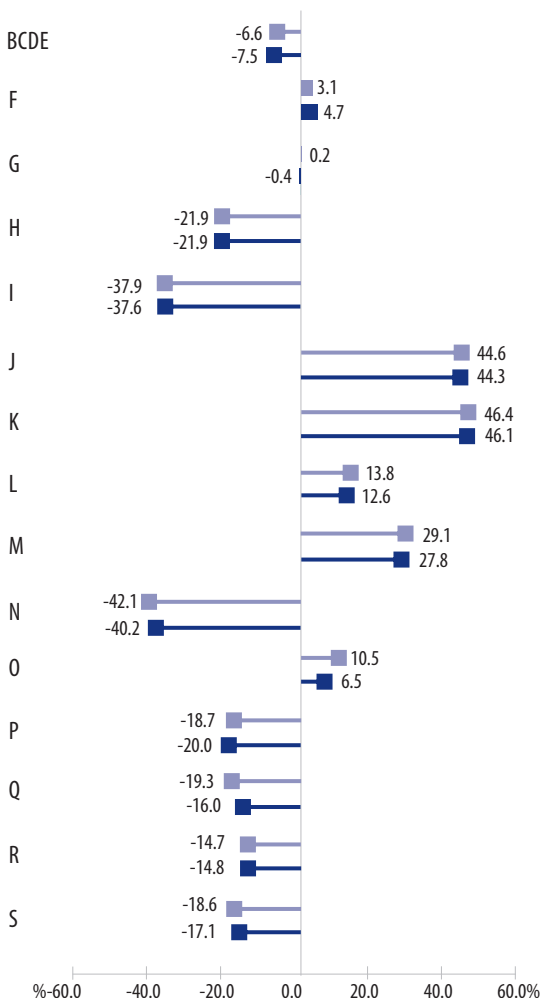
Share of selected categories of unemployed^a in 2018



Average monthly gross wages and salaries^a in PLN

Total	6,059.04	6,432.78
Industry (BCDE)	5,657.14	5,948.83
Construction (F)	6,245.49	6,737.57
Trade; repair of motor vehicles ^Δ (G)	6,073.66	6,406.44
Transportation and storage (H)	4,734.11	5,025.38
Accommodation and catering ^Δ (I)	3,764.54	4,011.11
Information and communication (J)	8,762.84	9,280.02
Financial and insurance activities (K)	8,872.07	9,396.10
Real estate activities (L)	6,894.63	7,245.93
Professional, scientific and technical activities (M)	7,822.64	8,223.02
Administrative and support service activities (N)	3,500.88	3,848.30
Public administration and defence; compulsory social security (O)	6,696.59	6,853.18
Education (P)	4,924.37	5,147.75
Human health and social work activities (Q)	4,892.57	5,402.03
Arts, entertainment and recreation (R)	5,169.45	5,480.01
Other service activities (S)	4,934.92	5,333.78

■ 2017 ■ 2018

Deviations of average monthly gross wages and salaries^a from the average wages and salaries in the national economy

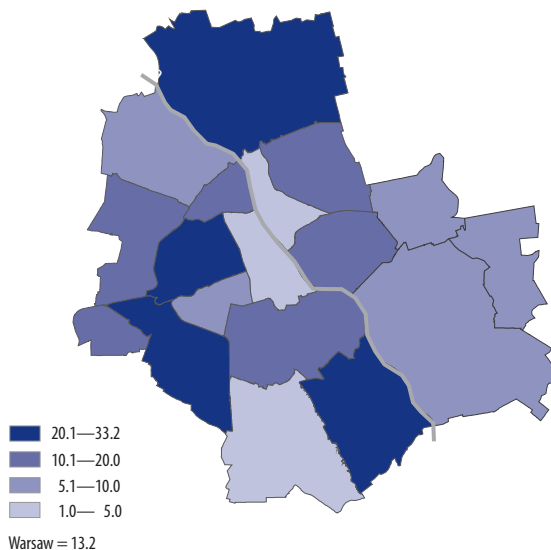
^a Excluding economic entities employing up to 9 persons; excluding persons employed abroad.

	2017	2018
Dwelling stocks (as of 31 XII)		
dwellings in thousands	952.7	975.7
useful floor area of dwellings in thousand m ²	56,166.6	57,531.7
average:		
number of rooms in a dwelling	3.16	3.15
useful floor area in m ² :		
per 1 dwelling	59.0	59.0
per capita	31.8	32.4
Dwellings completed	20331	23430
per 1000 population	11.6	13.2
per 1000 contracted marriages	2265	2557
useful floor area of dwellings in thousand m ²	1,282.0	1,398.1
average useful floor area of 1 dwelling in m ²	63.1	59.7

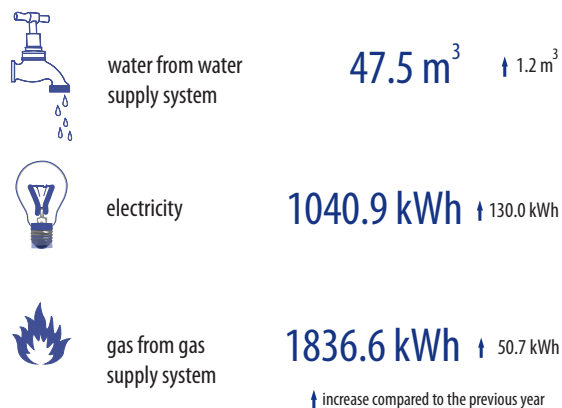
Average duration of construction of new residential buildings completed in 2018

Construction:	months
private	45.5
company	33.0
cooperative	31.0
public building society	26.0
municipal	24.0
for sale or rent	22.0

Dwellings completed per 1000 population in 2018



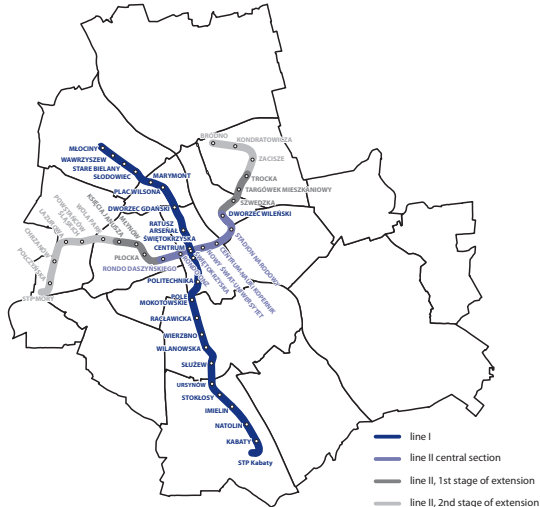
Consumption per capita in households in 2018



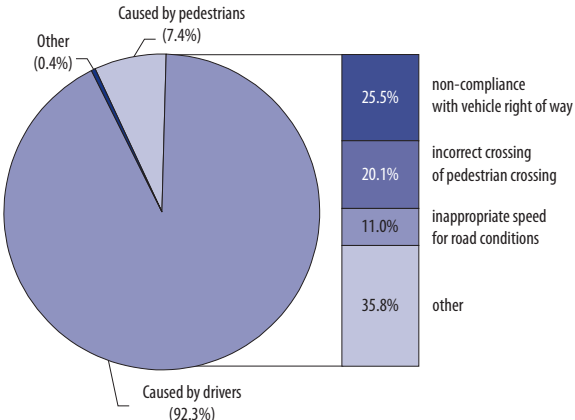
a As of 31st December. b Including road vehicle having temporary permission issued at the end of a given year. c Estimate data. d Number of bicycle stands.

2.5% of road accidents
were caused by drunk drivers

Metro in Warsaw in 2018



Main causes of road traffic accidents in 2018



	2017	2018
Beds in general hospitals ^{ab}	12377	12350
per 10 thousand population	70	69
In-patients ^c per 1000 population in general hospitals	353.0	350.4
Out-patient consultations per capita	12.9	12.8
doctors	11.2	11.1
stomatological	1.6	1.7
Population per 1 generally available pharmacy ^a	2682	2804
Blood donors per 10 thousand population	230	245

a As of 31st December. b Including beds and incubators for newborns on neonatology wards.

c Excluding inter-ward patient transfer.

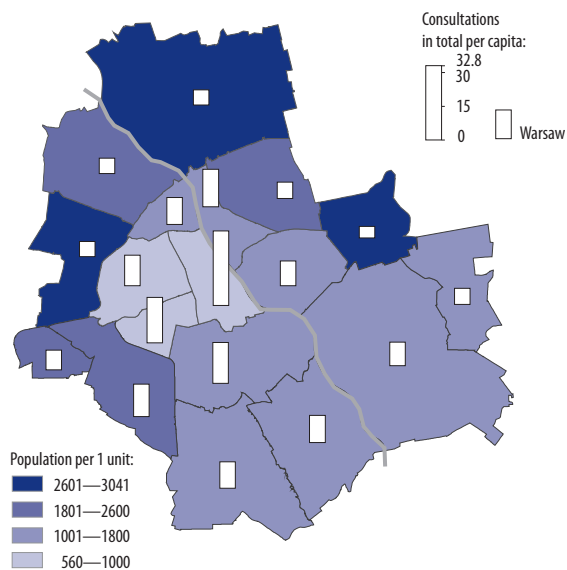
Medical personnel^a per 10 thousand population in 2018

doctors	50.0
dentists	4.7
nurses	80.8
midwives ^b	18.6

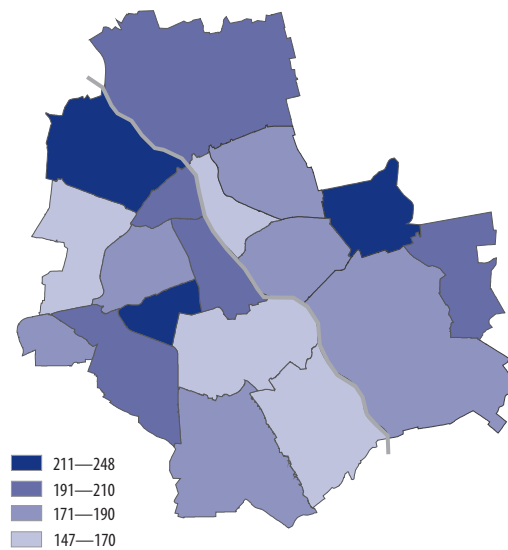
a As of 31st December; data refer to persons working directly with patients.

b Per 10 thousand women.

Out-patient health care in 2018



Children in nurseries^a and children's clubs up to the age of 3 per 1000 children at the same age in 2018



a Including nursery wards.

	2017	2018
Foster families ^a	1260	1221
Children ^{ab} in foster families	1559	1498
of which under 18 years of age	1175	1120
Foster homes ^a	11	12
Children ^{ab} in foster homes	64	69

a As of 31st December. b Aged under 25.

Supporting the family in 2018



98132

Average monthly number of families receiving child-raising benefit^a



126360

Average number of children in families for which a child-raising benefit^a was granted



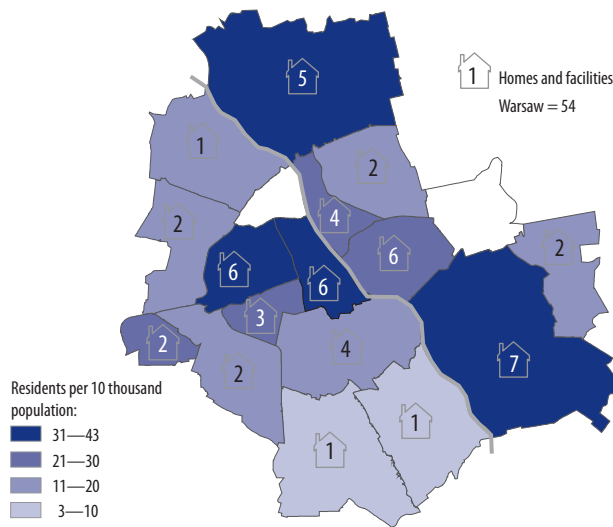
18652

Number of families with the Large Family Card

a As part of the „Family 500+“ programme.

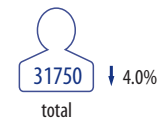
Stationary social welfare in 2018

As of 31st December

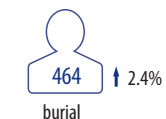
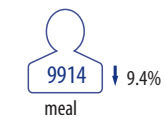
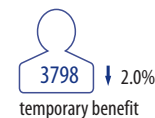
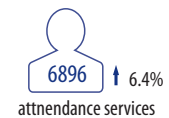


Warsaw = 21

Recipients of social welfare benefits^a in 2018



of which:



↑↓ increase/decrease compared to the previous year

a Under the item benefits, recipients may be shown several times.

	2017	2018
Public libraries (with branches) ^a	203	204
Collection ^a per 1000 population in vol.	3758	3749
Loans per 1 borrower in volumes	14.2	13.9
Theatres and music institutions ^{ab}	40	40
of which with their own artistic ensemble	31	29
Audience:		
per 1 performance	257	279
per 1000 population	2065	2496
Fixed cinemas ^a	28	30
Audience:		
per 1 performance	32	28
per 1000 population	4464	4515
Museums (with branches) ^a	66	67
Visitors per 1000 population	5700	5978

a As of 31st December. b By the seat.

Subscribers^a per 1000 population in 2018



radio

221



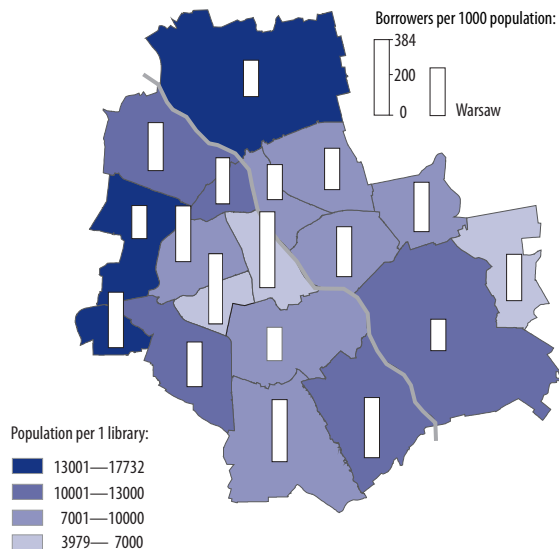
television

209

a As of 31st December.

Public libraries (with branches) in 2018

As of 31st December



Warsaw = 8716

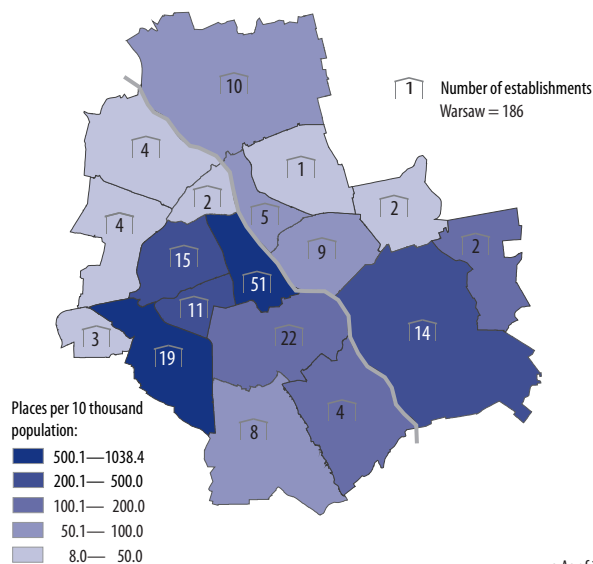
Museums^a by selected types in 2018

	number of facilities	share of visitors
Historical	21	21.9%
Art	11	39.8%
Biographical	5	1.0%
Military	5	1.2%
Technical and science	5	1.7%
Interdisciplinary	4	30.6%
Geological	3	0.3%

a As of 31st December; including branches.

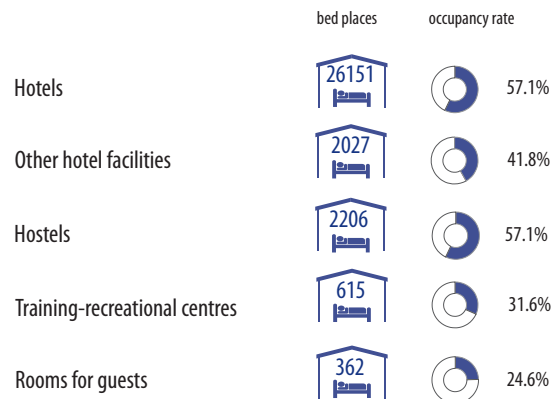
	2017	2018
Tourist accommodation facilities ^a	168	186
of which hotels	86	94
Bed places ^a in thousands	31021	33402
Tourist accommodated in thousands	3,559.3	3,647.7
of which in hotels	3,135.2	3,205.4
Overnight stays in thousands	6,160.2	6,383.6
of which foreign tourists	2,553.2	2,633.9
Average length of stay of tourists in tourist accommodation facilities in days	1.7	1.8
of which foreign tourists	1.9	1.9

Tourist accommodation establishments^a in 2018

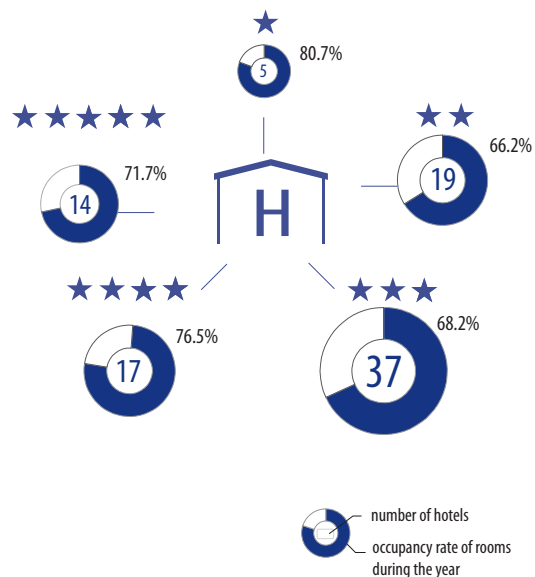


Warsaw = 188.8

Bed places^a and occupancy rate in selected accommodation facilities in 2018

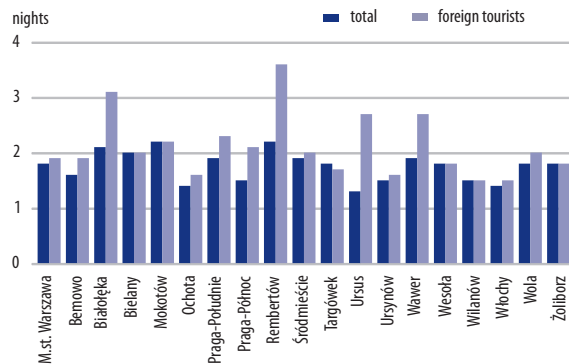


Hotels^a by category in 2018

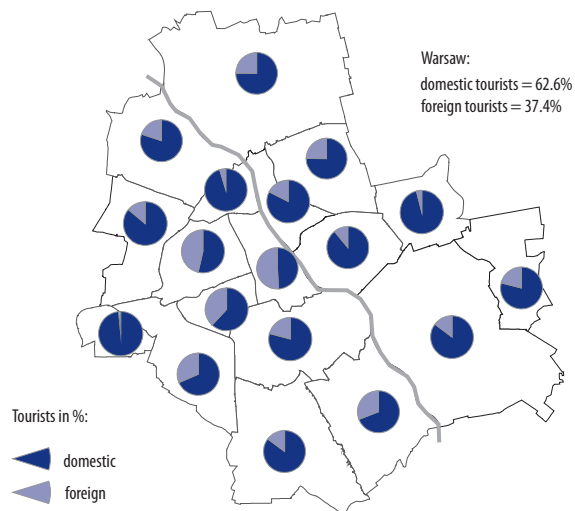


^a As of 31st July.

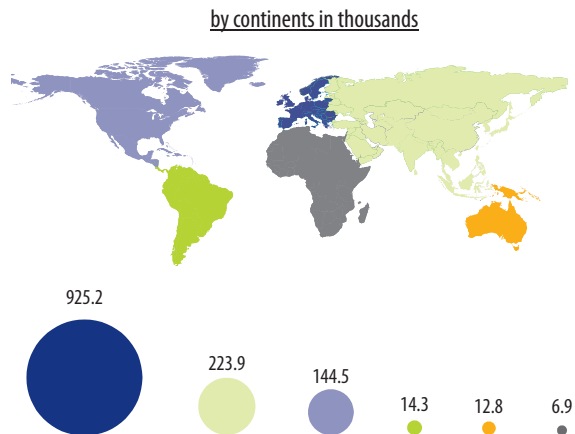
Average length of stay of tourists in tourist accommodation establishments in 2018



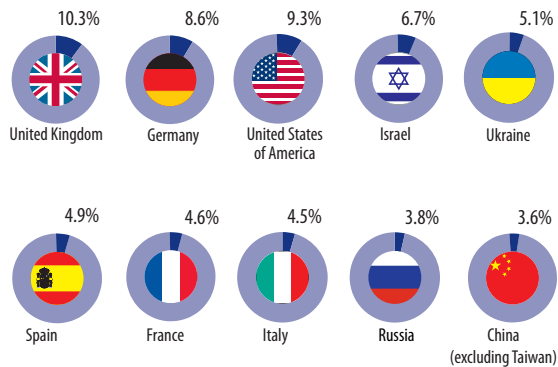
Tourists accommodated in 2018



Foreign tourists accommodated in tourist accommodation establishments in 2018



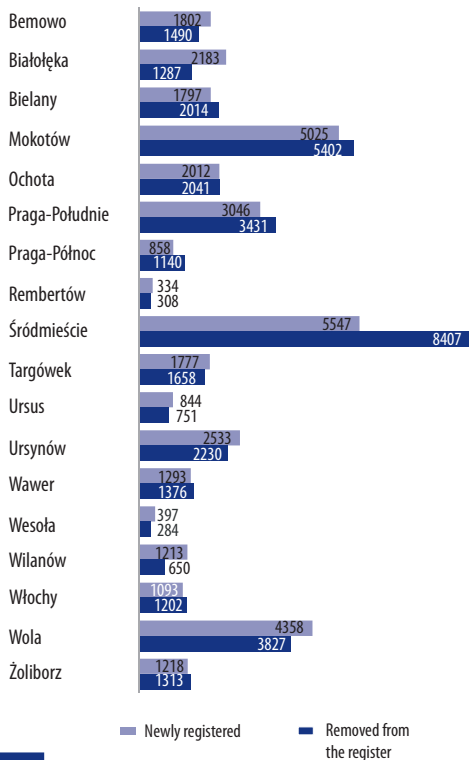
by selected countries in %



	2017	2018
Entities of the national economy ^a in thousands	434.7	433.8
of which natural persons	231.5	242.0
Newly registered entities in thousands	35.6	37.3
per 1000 population	20.2	21.0
Entities removed from the register in thous.	20.9	39.0
per 1000 population	11.9	22.0

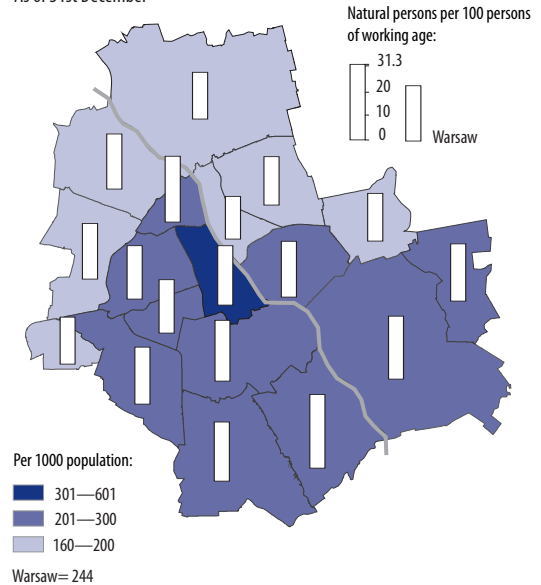
a As of 31st December.

Entities of the national economy in 2018

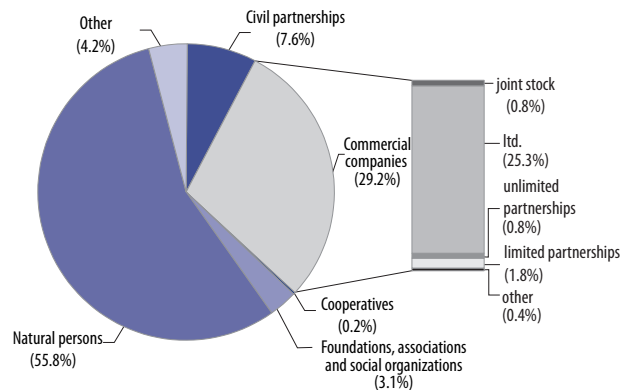


Entities of the national economy in 2018

As of 31st December



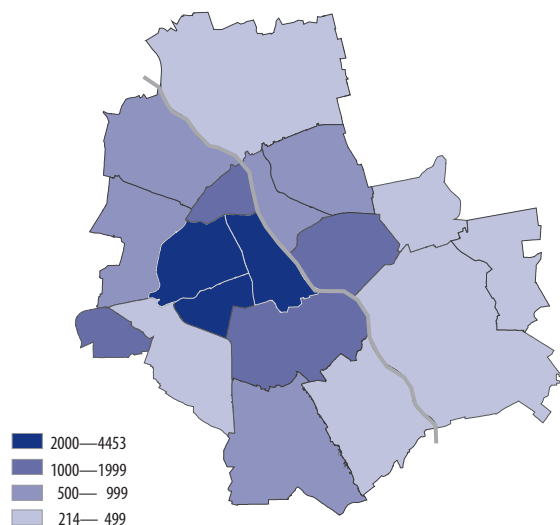
Structure of entities of the national economy^a by legal status in 2018



a As of 31st December

Entities of the national economy per 1 km² in 2018

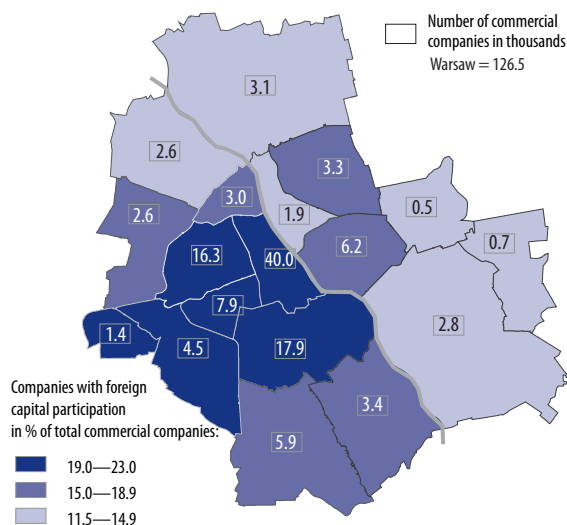
As of 31st December



Warsaw = 839

Commercial companies in 2018

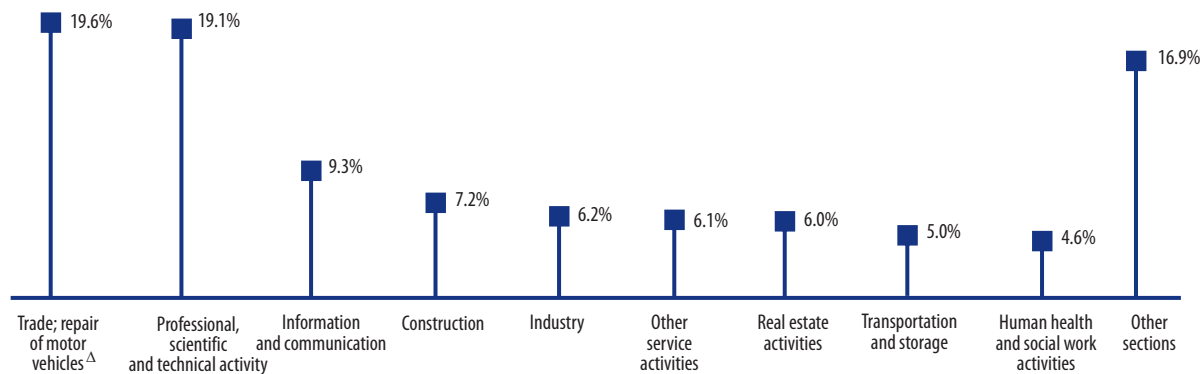
As of 31st December



Warsaw = 20.1

Structure of entities of the national economy by sections in 2018

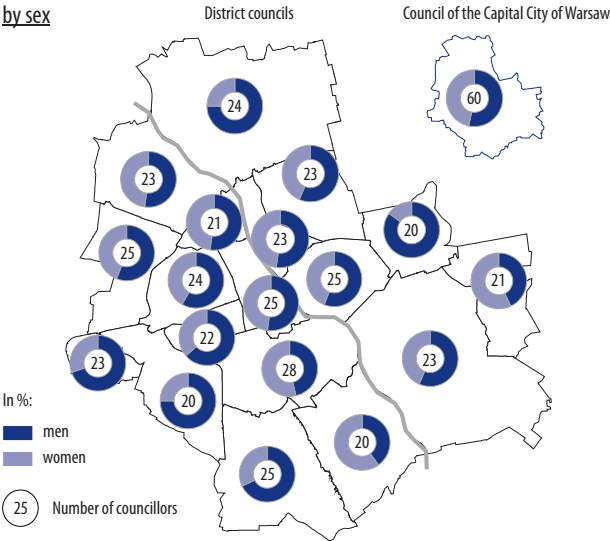
As of 31st December



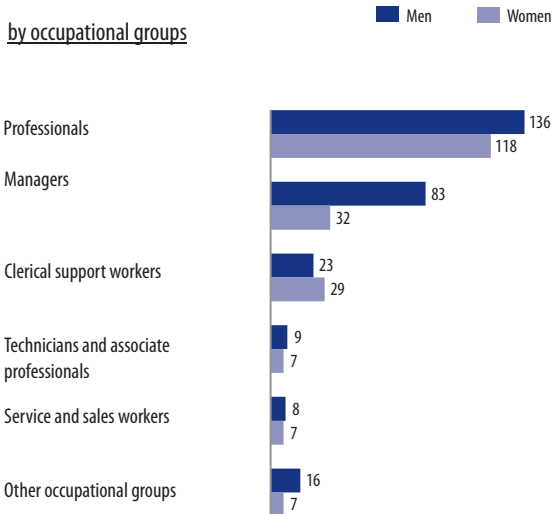
Councillors of the council of the Capital City of Warsaw and district councils in 2018

As of 31st December

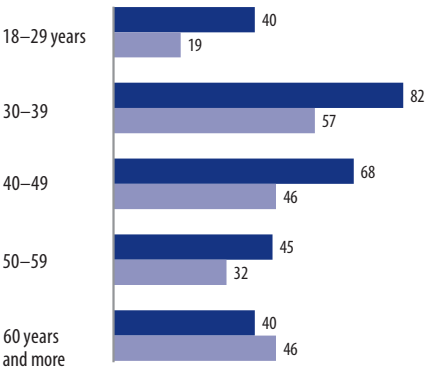
by sex



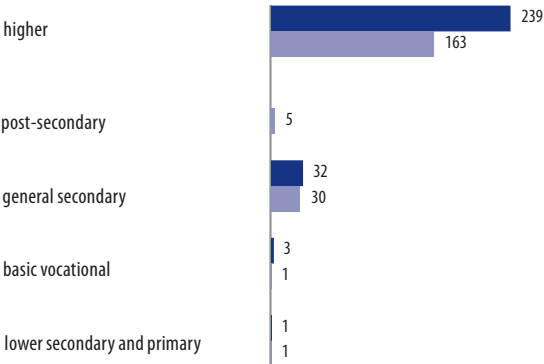
by occupational groups



by age

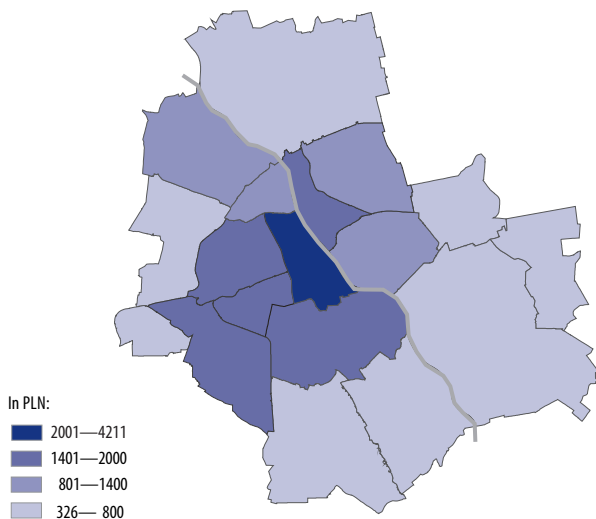


by education

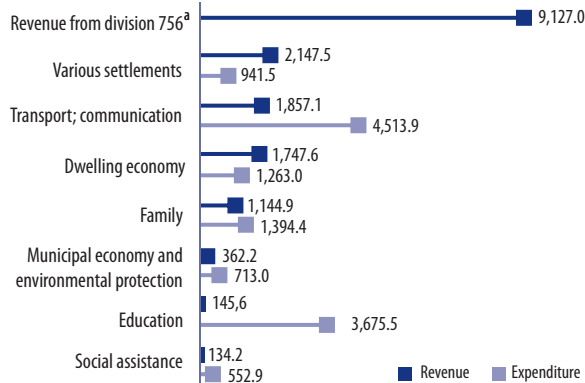


Budget of the Capital City of Warsaw

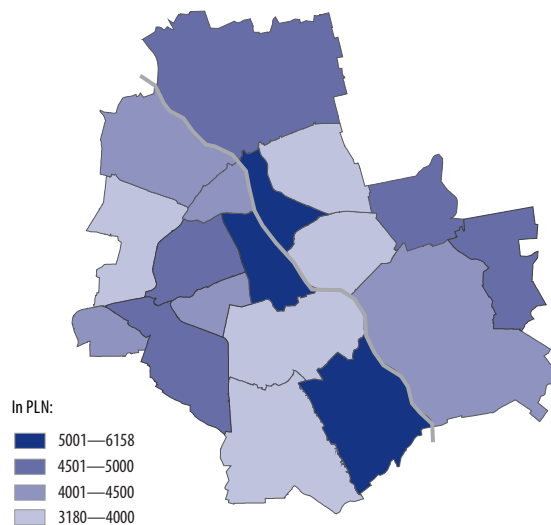
	2017	2018	
	in million PLN	in percent	
Revenue	15,476.7	17,004.6	100.0
city part	10,829.5	12,109.5	71.2
powiat part	2,384.2	2,646.3	15.6
district part	2,263.0	2,248.7	13.2
Expenditure	15,271.7	16,622.3	100.0
city part	6,877.2	7,584.7	45.6
powiat part	1,353.0	1,417.8	8.5
district part	7,041.5	7,619.8	45.8
Surplus	205.0	382.3	x

Revenue of the district part of the Capital City of Warsaw
budget per capita in 2018Revenue and expenditure of the Capital City of Warsaw budget
by selected divisions in 2018

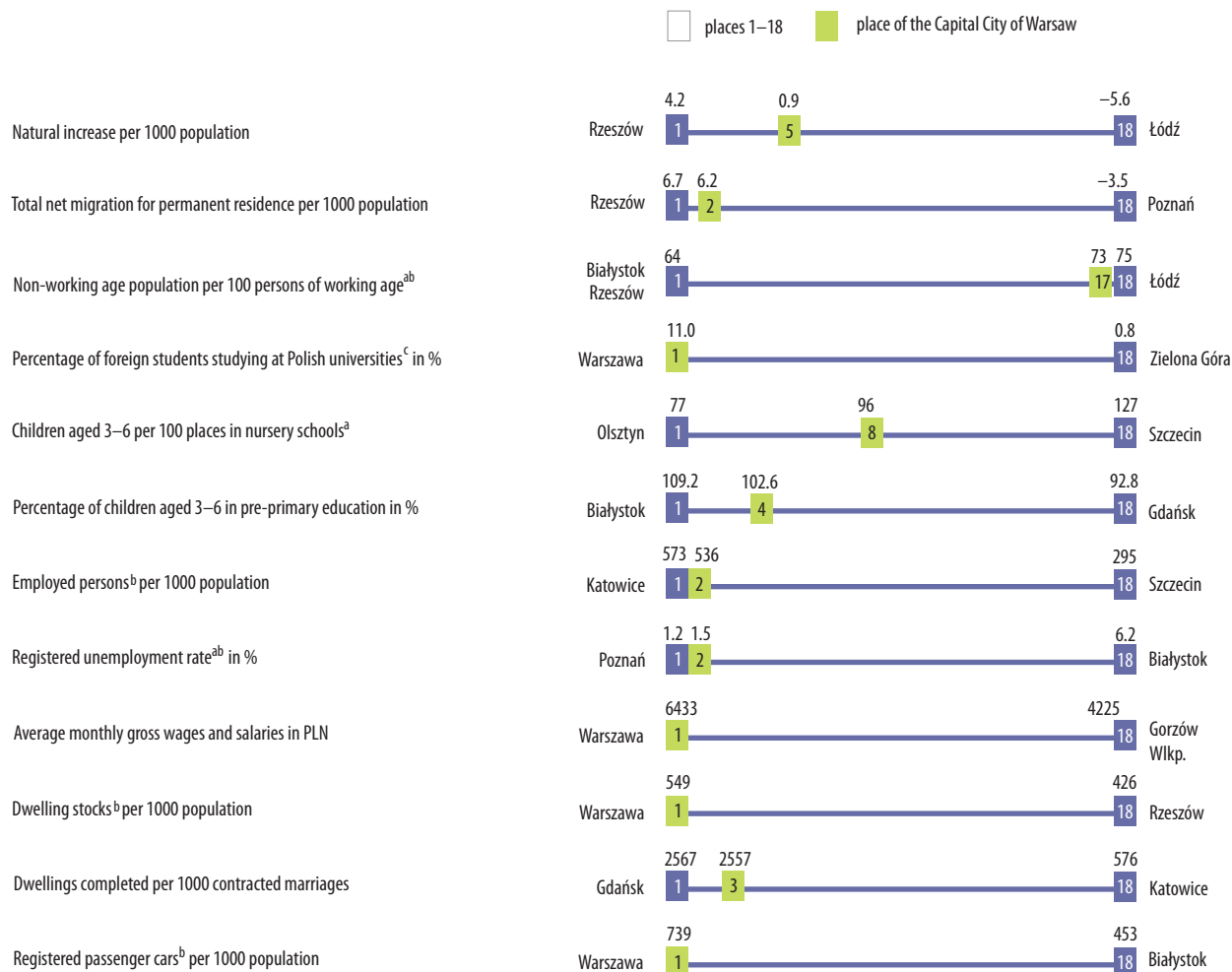
in million PLN



a Income taxes from legal persons, natural persons and other organizational units without legal personality and expenses associated with their intake.

Expenditure on the district part of the Capital City of Warsaw
budget per capita in 2018

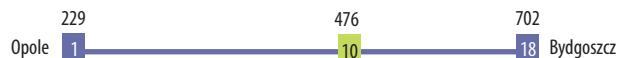
WARSAW COMPARED TO VOIVODSHIP CITIES IN 2018



a The lowest value was marked as 1 place, while the highest – as the last place. b As of 31st December. c By actual location of higher education institution/branch.

□ places 1–18 ■ place of the Capital City of Warsaw

Children at nursery age (up to the age of 3) per 100 places in nurseries (including wards) and children's clubs^a



Persons who received health services in the place of occurrence by emergency rescue teams per 1000 population^a



Residents of stationary social welfare facilities (including branches) per 1000 population



Borrowers in public libraries per 1000 population



Audience in cinemas per 1000 population



Share of foreign tourists accommodated in tourist accommodation establishments



Entities of the national economy registered in the REGON register per 1000 population^b



Share on expenditure on public roads in total expenditure in %



EU funds of cities with powiat status for financing programmes and projects per capita in PLN



Gas pollutants (excluding CO₂) retained or neutralized in pollutant reduction systems in % of pollutants produced

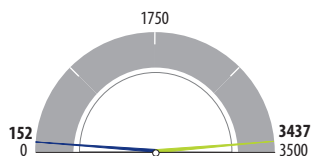


^a The lowest value was marked as 1 place, while the highest – as the last place. ^b As of 31st December.

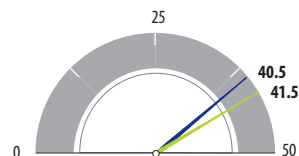
WARSAW COMPARED TO MAZOWIECKIE VOIVODSHIP IN 2018

— Mazowieckie
— the Capital City of Warsaw

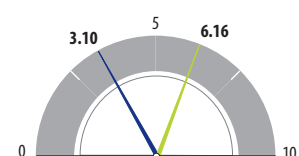
Population per 1 km²



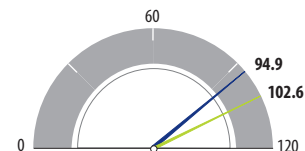
Median age



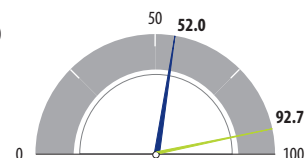
Total net migration for permanent residence per 1000 population



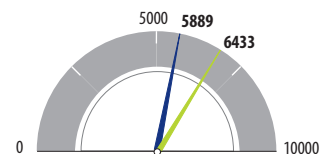
Percentage of children aged 3–6 included in pre-primary education in %



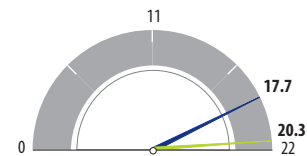
Employed persons per 100 persons of working age



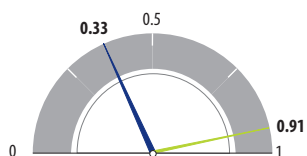
Average monthly gross wages and salaries in PLN



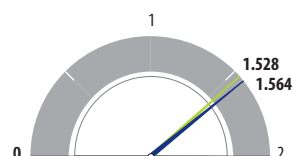
Percentage of persons aged 65 and more (in %)



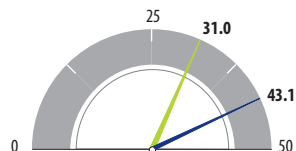
Natural increase per 1000 population



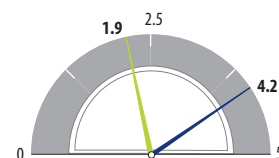
Total fertility rate



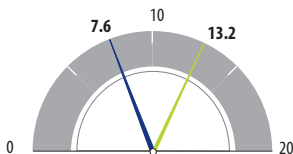
Share of students of vocational schools in the number of upper secondary students (excluding post-secondary) in %



Registered unemployed persons per 100 persons of working age

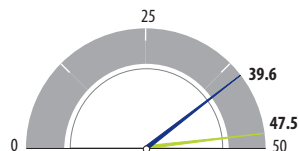


Dwellings completed per 1000 population

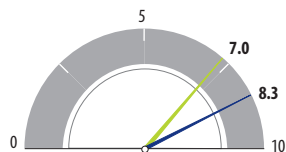


— Mazowieckie
— the Capital City of Warsaw

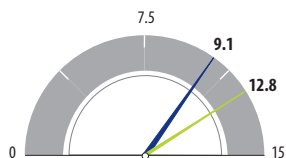
Consumption of water from water supply system in households per capita in m³



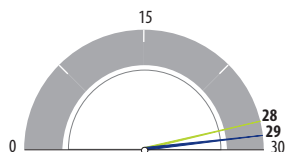
Road traffic accidents per 10 thousand road vehicles and tractors registered



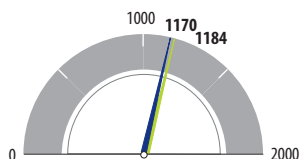
Out-patient consultations per capita



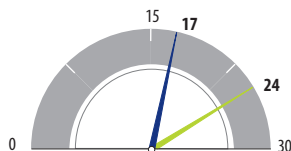
Audience in fixed cinemas per 1 screening



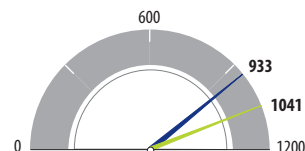
Investment expenditure of budgets of cities with powiat status per capita in PLN



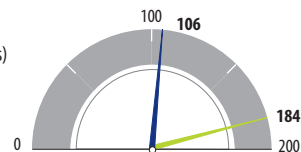
Natural persons conducting economic activity per 100 persons of working age



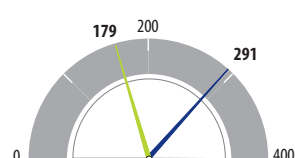
Electricity consumption in households in urban areas per capita in kWh



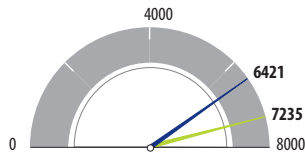
Children up to the age of 3 in nurseries (including wards) and children's clubs per 1000 children at this age group



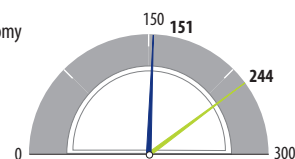
Persons granted social welfare benefits per 10 thousand population



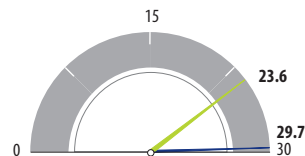
Own revenue of budgets of cities with powiat status per capita in PLN



Entities of the national economy per 1000 population



Share of area under legal protection in % of total area



Data sources

Head Office of Geodesy and Cartography – geographical location and geodesic area

Institute of Meteorology and Water Management – meteorological data

Ministry of National Education – data on education (excluding higher education)

Ministry of Science and Higher Education – data on higher education

Ministry of Family, Labour and Social Policy – data on unemployment and supporting the family

Ministry of Digital Affairs – data on registered vehicles

Warsaw City Hall – data on bicycle parking areas

Board of Municipal Transport – data on „Park&Ride” car parks

National Police Headquarters – data on road traffic accidents

Board of Warsaw Metro – diagram of metro lines

Ministry of Health and Ministry of the Interior and Administration – data on medical personnel

Office of Mazowieckie Voivodship – data on persons receiving social assistance benefits

www.bip.warszawa.pl – data on the Capital City of Warsaw budget

Due to the nature of the publication, explanations, detailed comments and notes on methodology published in other publications of the Statistical Office in Warsaw, were omitted in the publication.

Due to the electronic mode of data processing, in some cases sums of components may differ from the amount given in the „total” item.

Some information for the last year was given on the basis of preliminary data and may change in subsequent publications.

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