

# Via Warsaw - Statistics 2022

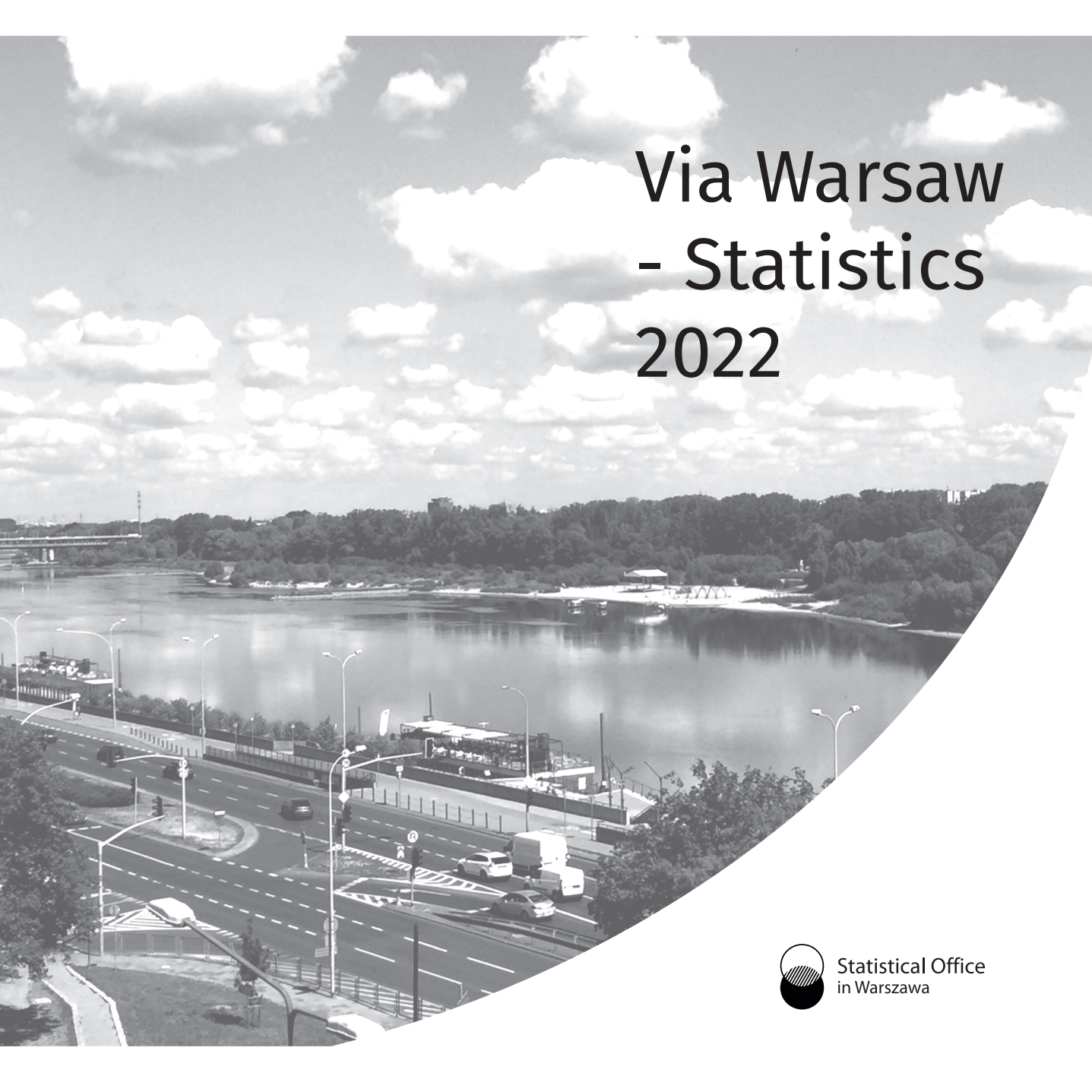
Warszawa 2022



Statistical Office  
in Warszawa



# Via Warsaw - Statistics 2022



Statistical Office  
in Warszawa

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## SYMBOLS

Symbol	Description
(.)	data not available, classified data (statistical confidentiality) or providing data impossible or purposeless
„Of which”	indicates that not all elements of the sum are given
Δ	categories of applied classification are presented in abbreviated form
*	data changed in relation to previously published data

## MAJOR ABBREVIATIONS

Abbreviation	Meaning	Abbreviation	Meaning
km	kilometre	kg	kilogramme
km <sup>2</sup>	square kilometre	PLN	polish zloty
°C	degree Celsius	kWh	kilowatt-hour
mm	millimetre	vol.	volume
h	hour	m.st.	capital city
m <sup>2</sup>	square metre		
m <sup>3</sup>	cubic metre		
dam <sup>3</sup>	cubic decametre		

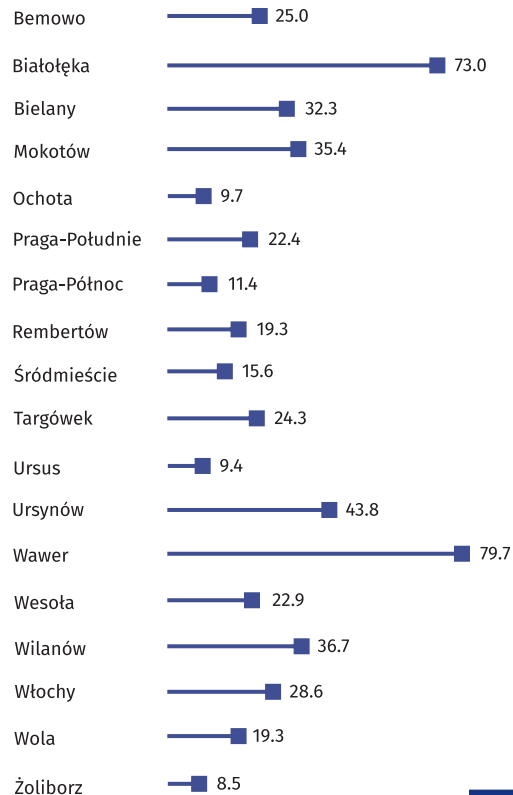


517.2 km<sup>2</sup> area of Warsaw

15.4% Wawer district  
highest share in the total area

1.6% Żoliborz district  
lowest share in the total area

**Area (in km<sup>2</sup>) by districts in 2021**  
As of 1 January



**Geographical location of Warsaw**

longitude east

20°51'06" west

21°16'16" east

north latitude

52°22'05" north

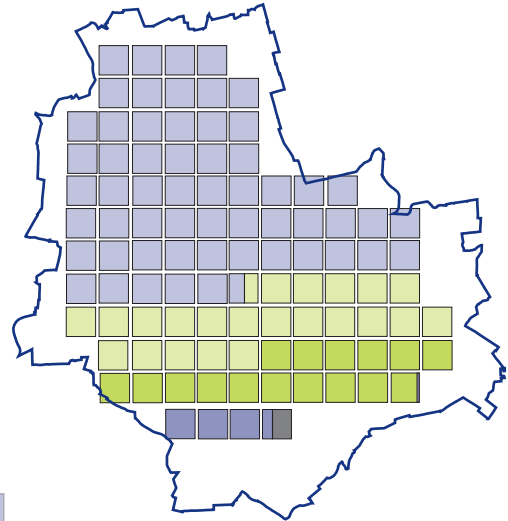
52°05'52" south

	2020	2021
Area per 1 inhabitant in m <sup>2</sup>	278	278
Average air temperature in °C	10.5	8.9
maximum	20.7	21.9
minimum	2.0	-2.3
Total annual precipitation in mm	646	676
Average wind velocity in m/s	3.3	3.3
Average cloudiness in octants <sup>a</sup>	5.2	5.3

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

**Geodesic area of m.st. Warszawa by directions of land use in 2021**

As of 1 January

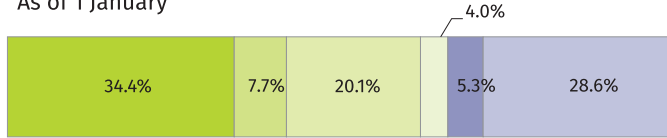


In %:

- built-up and urbanised areas (57.5%)
- arable land (22.5%)
- forest land (15.9%)
- lands under waters (3.4%)
- other land (0.7%)

**Structure of built-up and urbanised areas in 2021**

As of 1 January



- Residential areas
- Industrial areas
- Other built-up areas
- Urbanised non-built-up areas or during built-up
- Recreational areas
- Transport areas

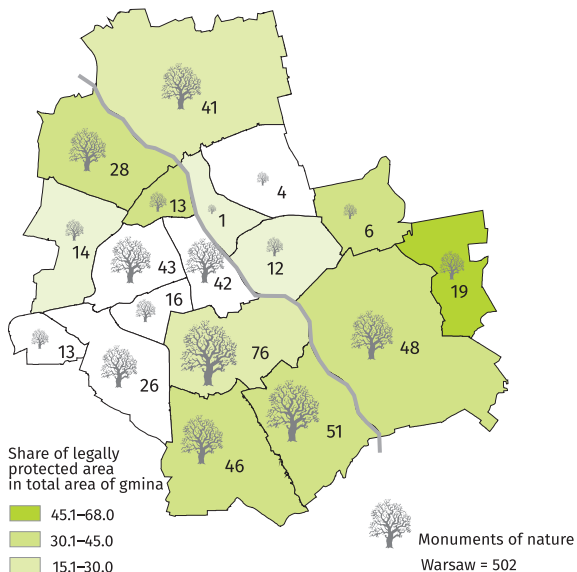
**97.1%** Ochota district  
largest share in built-up  
and urbanised areas

**27.5%** Wilanów district  
lowest share in built-up  
and urbanised areas



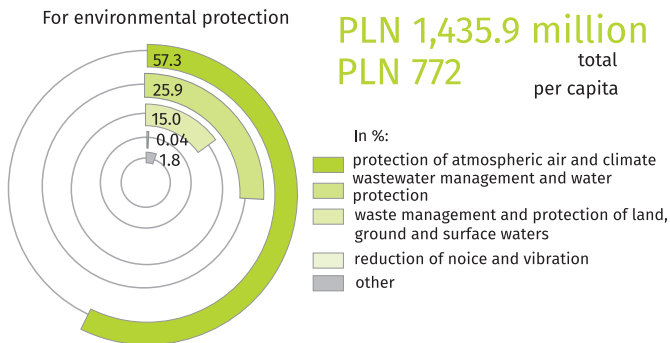
### Area of parks, lawns and green areas of housing estates per capita and monuments of nature in 2021

As of 31 December



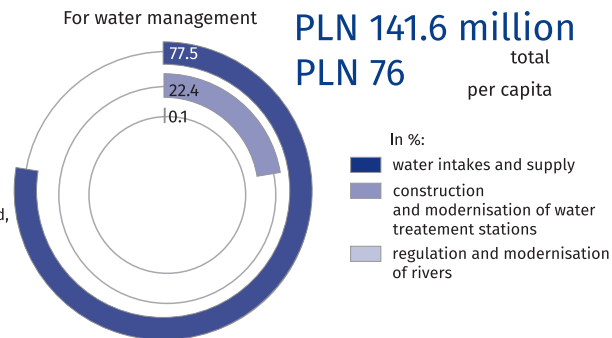
Warsaw = 23.5

### Outlays of fixed assets in 2021



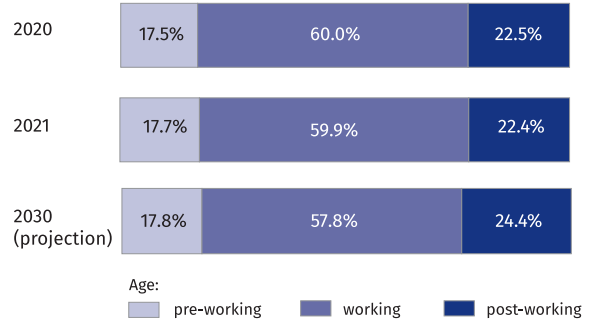
	2020	2021
Water withdrawal for needs of the national economy and population in m <sup>3</sup>	132.0	188.5
Industrial and municipal wastewater requiring treatment in dam <sup>3</sup>	112072	109370
Population connected to wastewater treatment plants in % of total population <sup>a</sup>	99.0	99.1
Emission of pollutants in tonnes:		
particulates	330	225
of which particulates from the combustion of fuels	311	205
gases (excluding CO <sub>2</sub> )	13094	11428
Mixed municipal waste collected from households per inhabitant in kg	225	217

<sup>a</sup> Population connected to wastewater treatment plants – estimated data; total population – based on balances.

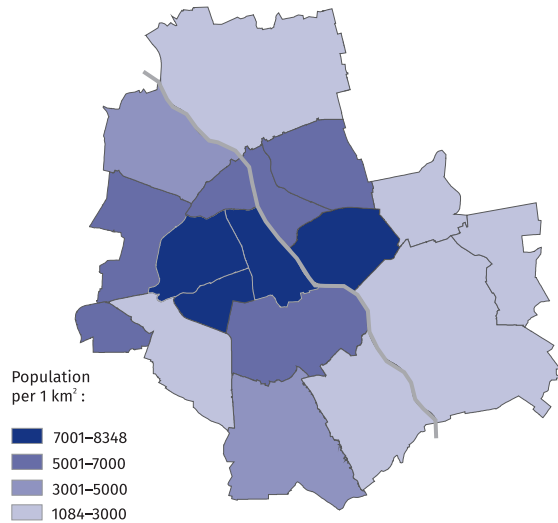


	2020	2021
Population <sup>a</sup> in thousands	1861.8	1863.1
women	1003.0	1003.4
men	858.8	859.7
Women per 100 men	117	117
Median age	40.1	40.4
women	41.6	41.8
men	38.5	38.8
Average life expectancy		
women	81.8	81.1
men	75.1	73.6

Structure of population by economic age groups

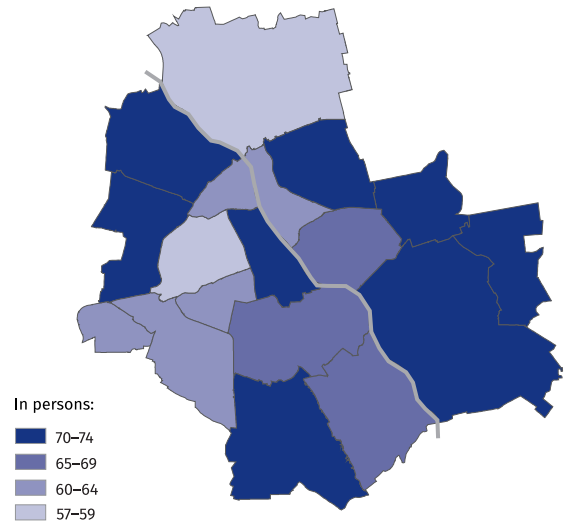


Population density<sup>a</sup> in 2021



Warsaw = 3602

Non-working age population<sup>a</sup> per 100 persons of working age in 2021



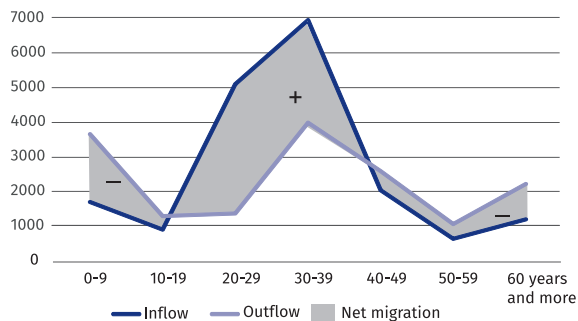
Warsaw = 67

a As of 31 December.

## POPULATION

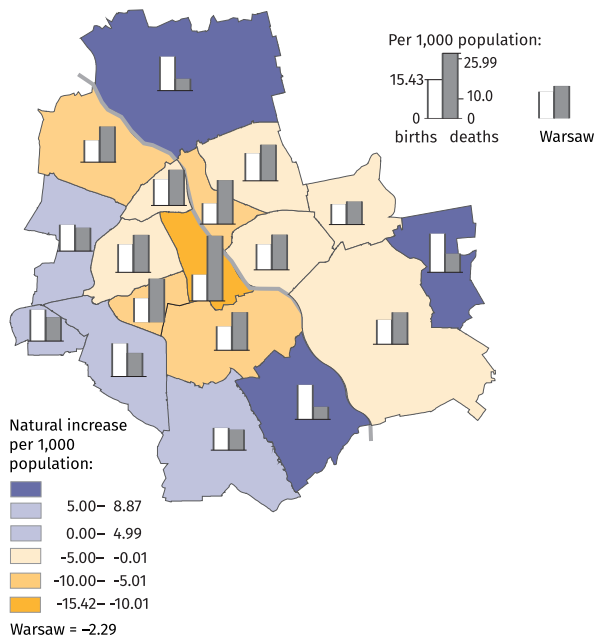
	2020	2021
Per 1,000 population:		
marriages	3.90	4.58
divorces	1.76	1.98
live births	11.11	10.62
deaths	11.92	12.91
Live births per 1,000 women aged 15-49	42.17	40.35
Total fertility rate	1.2521	1.2132

### Internal migration of population<sup>a</sup> for permanent residence by age groups in 2021

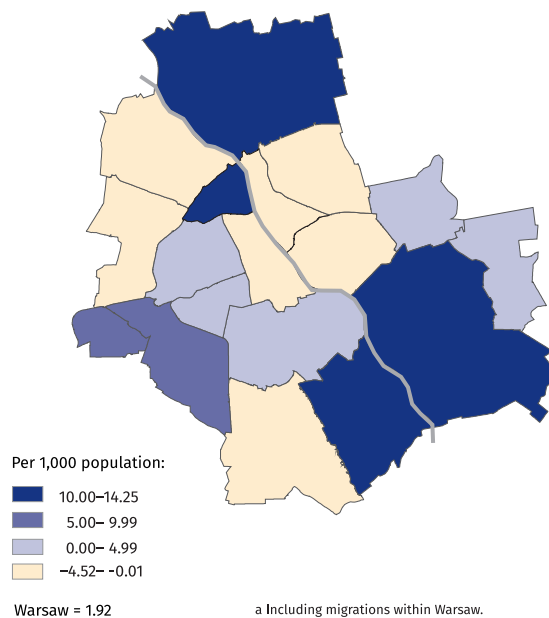


<sup>a</sup> Excluding migrations within Warsaw.

### Natural increase of population in 2021



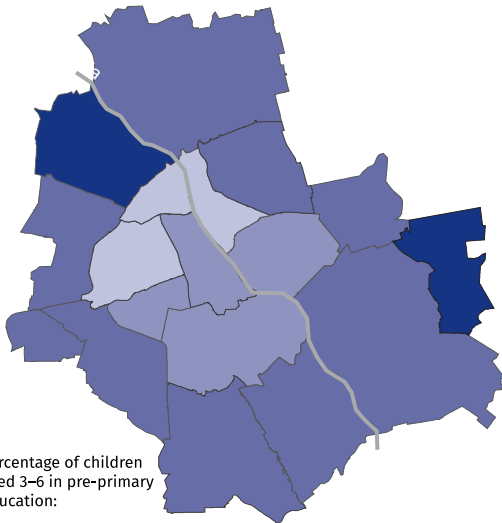
### Net migration<sup>a</sup> for permanent residence in 2021



<sup>a</sup> Including migrations within Warsaw.

	2020/21	2021/22
Pre-primary establishments	1151	1157
of which nursery schools	824	839
Children in pre-primary establishments in thousands	83.3	83.8
of which at the age of:		
5	20.6	21.1
6	19.8	19.8
of which in nursery schools	72.4	73.3

**Pre-primary education in the school year 2021/22**



Percentage of children aged 3-6 in pre-primary education:

- 110.1—124.9
- 100.1—110.0
- 90.1—100.0
- 81.4—90.0

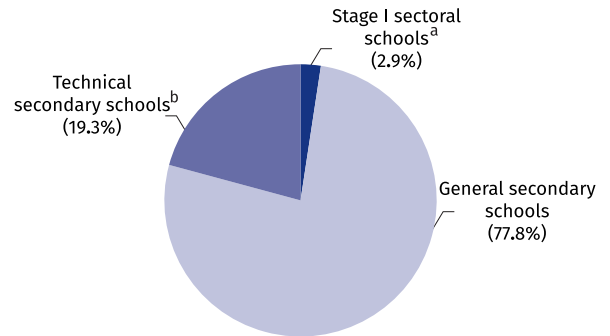
Warsaw = 101.8

Schools<sup>a</sup>:

	Establishments	Students	Graduates
primary	409	152153	16769
stage I sectoral for youth <sup>b</sup>	42	3607	567
stage II sectoral	2	241	·
general secondary	208	70963	15220
technical for youth	55	24847	3644
general art <sup>c</sup>	7	878	128
post-secondary	59	19933	4209

a Establishments and students in the school year 2021/22; graduates from the school year 2020/21. b Including special job training schools. c Leading to professional certification.

**Structure of post-primary school graduates from the school year 2020/21**



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

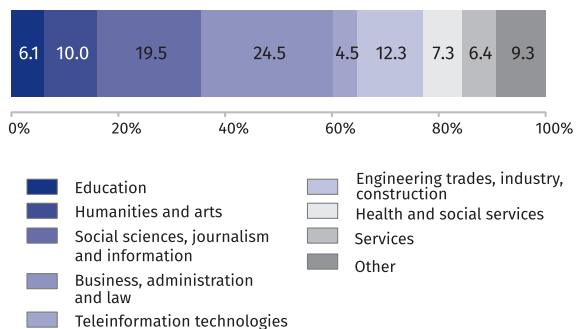


	2020	2021
Higher education institutions	68	67
Students <sup>a</sup> total	225200	228303
of which foreigners	24460	26205
study forms:		
full-time programmes	137848	139165
part-time programmes	87352	89138
Graduates <sup>ab</sup>	48917	50530

a By actual location of organisational units. b Persons who obtained diplomas of graduation in the period from 1 January to 31 December.

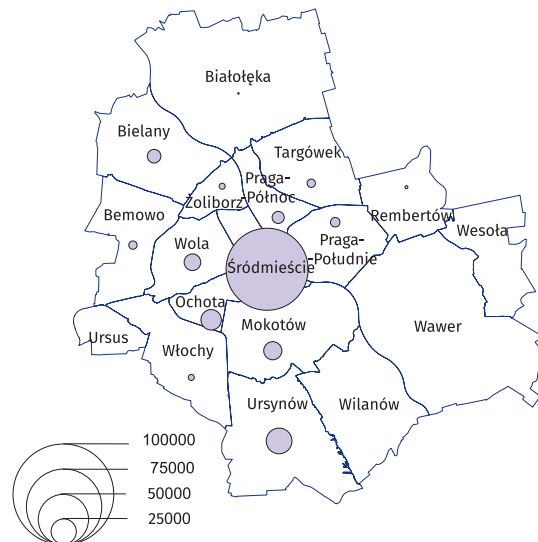
Note to page 11. Data on higher education institutions and students are given as of 31 December. Information on students and graduates concerns higher education institutions that submitted statistical reports.

## Structure of students<sup>a</sup> of higher education institutions by fields of education in 2020

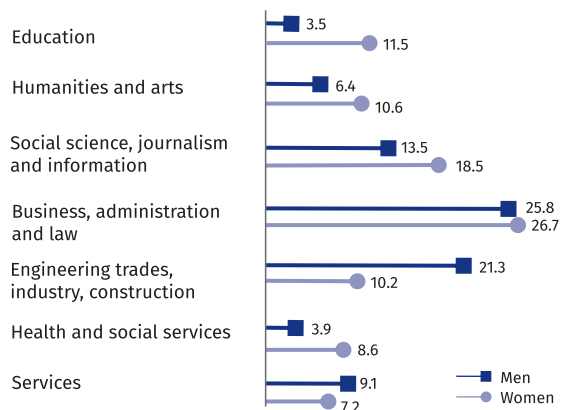


a By the seat of higher education institution.

## Students by actual location of higher education institution/branch in the 2021/2022 academic year



## Graduates of higher education institutions<sup>a</sup> by selected fields of education in % of total graduates of given sex in 2021



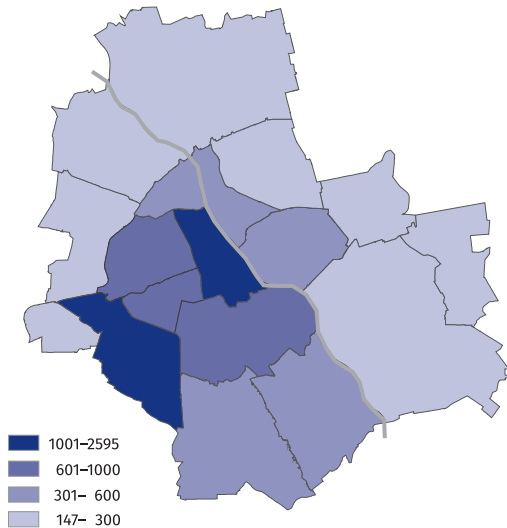
a By the seat of home university; persons who obtained diplomas of graduation during the period from 1 January to 31 December.

	2020	2021
Employed persons <sup>a</sup> total	966837	1009353
of which women	510458	533137
From the total number:		
industry and construction	129191	132140
trade; repair of motor vehicles, <sup>Δ</sup> transportation and storage, accommodation and catering, <sup>Δ</sup> information and communication	309463	331512
financial and insurance activities, real estate activities	119243	122858

a As of 31 December, excluding economic entities employing up to 9 persons.

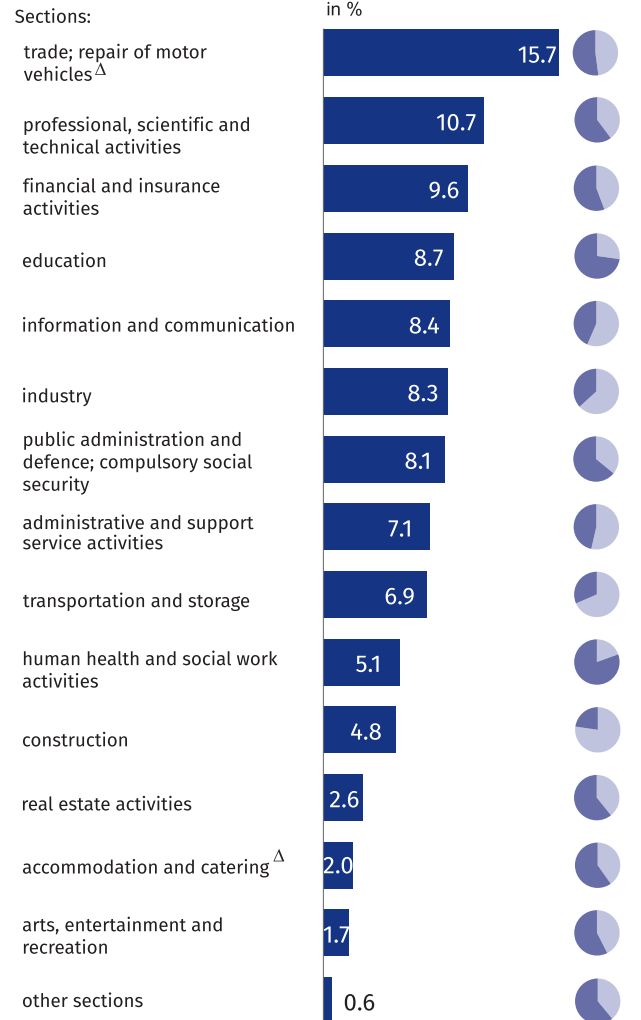
### Employed persons per 1,000 population in 2021

As of 31 December



### Employed persons by section in 2021

As of 31 December



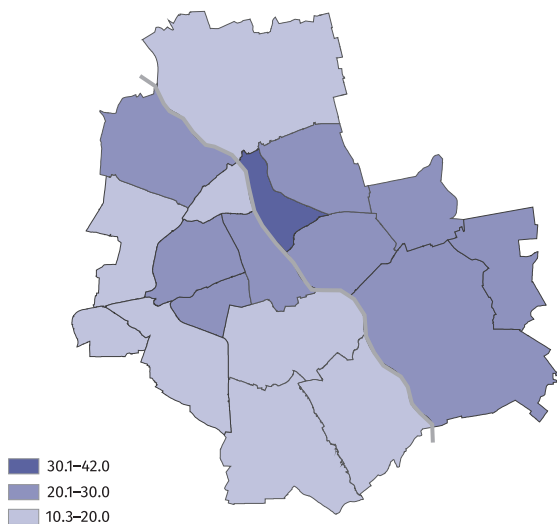
	2020	2021
Registered unemployed persons <sup>a</sup>	24403	24132
of which women	12001	11605
Newly registered unemployed persons	30177	26728
Persons removed from the register	23141	26999
of which due to taking up work	14684	18929
Registered unemployment <sup>a</sup> rate in %	1.8	1.7
Registered unemployed persons <sup>a</sup> per job offer	39	25

### Statistical unemployed resident of Warsaw<sup>a</sup> in 2021



- Man
- aged 35-44
- with higher education
- unemployed for 12-24 months
- with work seniority of 1 year and less

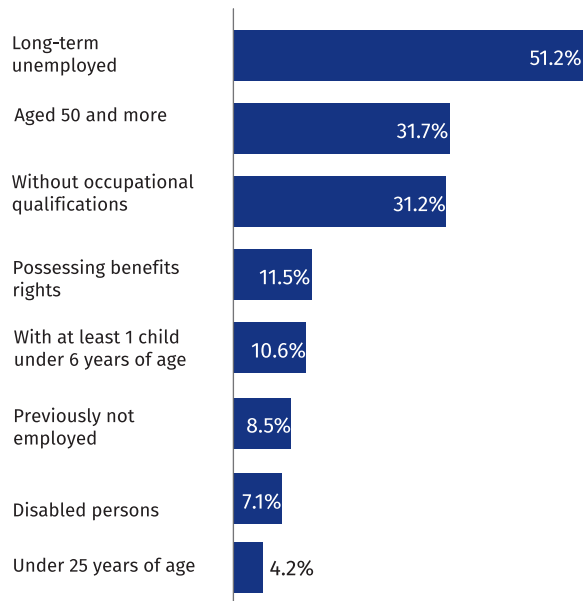
### Registered unemployed persons<sup>a</sup> per 1,000 population of working age in 2021



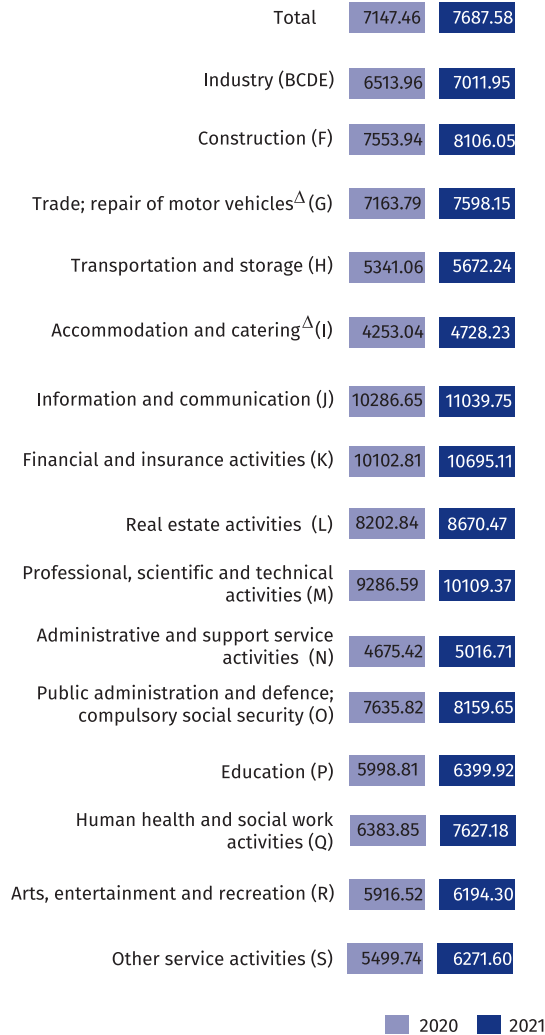
Warsaw = 21.6

<sup>a</sup> As of 31 December.

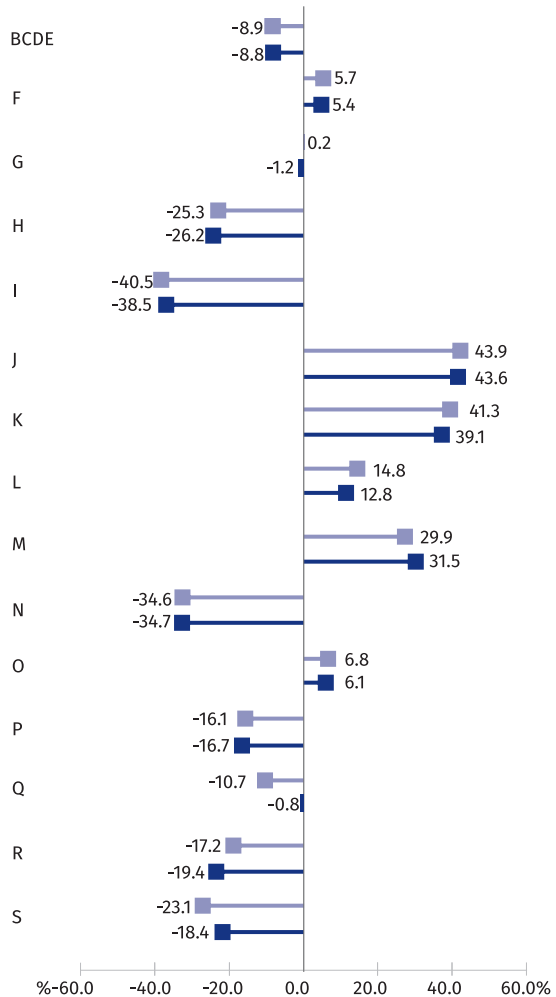
### Share of selected categories of unemployed<sup>a</sup> in 2021



Average monthly gross wages and salaries<sup>a</sup> in PLN



Deviations of average monthly gross wages and salaries<sup>a</sup> from the average wages and salaries in m.st. Warszawa



<sup>a</sup> Excluding economic entities employing up to 9 persons; excluding persons employed abroad.



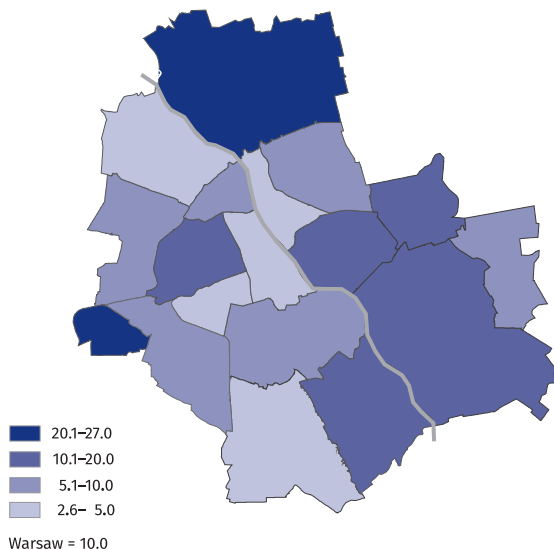
## HOUSING ECONOMY

	2020	2021
Dwelling stocks (as of 31 December)		
dwellings in thousands	1020.4	·
useful floor area of dwellings in thousand m <sup>2</sup>	60159.2	·
average:		
number of rooms in a dwelling	3.13	·
useful floor area in m <sup>2</sup> :		
per dwelling	59.0	·
per capita	32.3	·
Dwellings completed	23543	18528
per 1,000 population	12.6	10.0
per 1,000 contracted marriages	3247	2176
useful floor area of dwellings in thousand m <sup>2</sup>	1395.7	1199.8
average useful floor area of 1 dwelling in m <sup>2</sup>	59.3	64.8

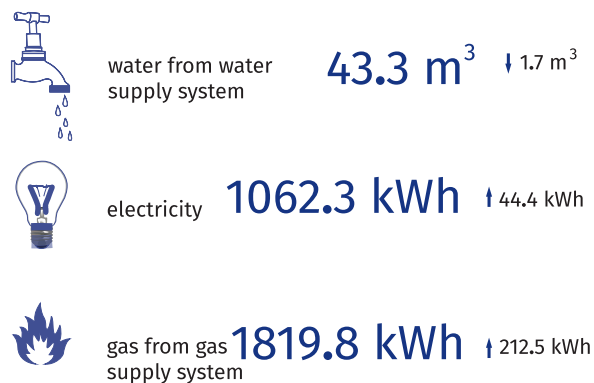
### Average duration of construction of new residential buildings completed in 2021

Construction:	months
private	<b>27.4</b>
municipal	<b>24.0</b>
for sale or rent	<b>23.1</b>

### Dwellings completed per 1,000 population in 2021



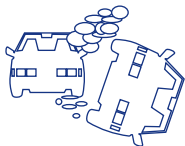
### Consumption per capita in households in 2021



↑↓ increase/decrease compared to the previous year

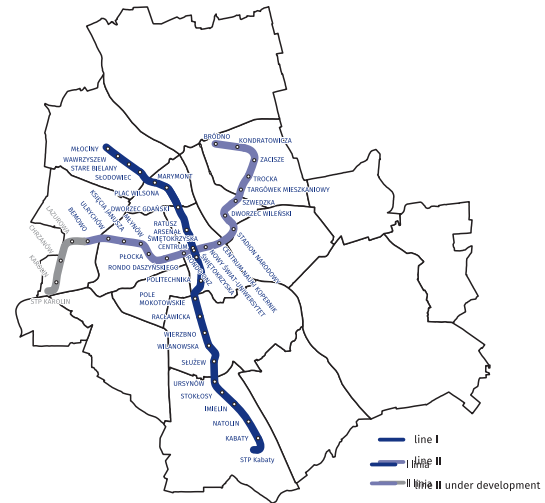
	2020	2021
Public roads <sup>a</sup> per 100 km <sup>2</sup> in km:		
hard surface district roads	123.8	124.4
hard surface communal roads	299.5	302.4
Passenger cars <sup>ab</sup> per 1,000 population	752	768
Road vehicles and tractors registered <sup>b</sup> for the first time	130449	144266
Transport of passengers by public transport during the year in millions:		
trams	168.9	185.9
buses	352.4	400.2
urban rapid rail	14.9	14.6
metro	162.3	180.6
„Park&Ride” (P+R) carpark <sup>a</sup>	16	15
„Bike and Ride” parking areas <sup>c</sup>		
Public Bike System		
bicycle rentals during the year in thousands	2868	2879
in thousands	641	702
Road traffic accidents		
per 10 thousand registered road vehicles and tractors <sup>d</sup>	3.8	4.1
casualties	753	794

a As of 31 December. b Including road vehicle having temporary permission issued at the end of a given year. c Estimate data. d The number of rentals does not include the so called „sponsorship” stations, i.e. ordered by private entities.

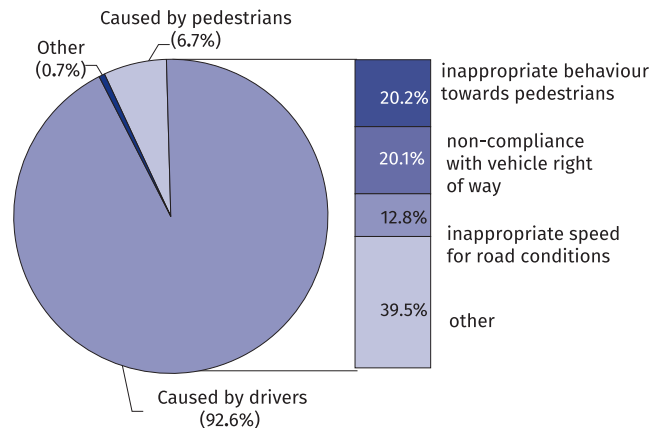


**5.0%** of road accidents were caused by drunk drivers

### Scheme of metro lines in m.st. Warszawa



### Main causes of road traffic accidents in 2021



## HEALTH CARE

	2020	2021
Beds in general hospitals <sup>ab</sup>	12261*	12956
per 10 thousand population	66	70
In-patients <sup>c</sup> per 1000 population in general hospitals	247	273
Out-patient consultations per capita	11.5	13.1
doctors	10.4	10.5
stomatological	1.7	1.4
Population per 1 generally available pharmacy <sup>a</sup>	3093	3105
Blood donors per 10 thousand population	225	226

a As of 31 December. b Including beds and incubators for newborns in neonatological wards. c Excluding the inter-ward movement of patients.

### First aid and emergency medical services in 2021

Emergency rescue teams

53<sup>b</sup>

Hospital emergency wards

12

Persons who received health care benefits in the place of occurrence

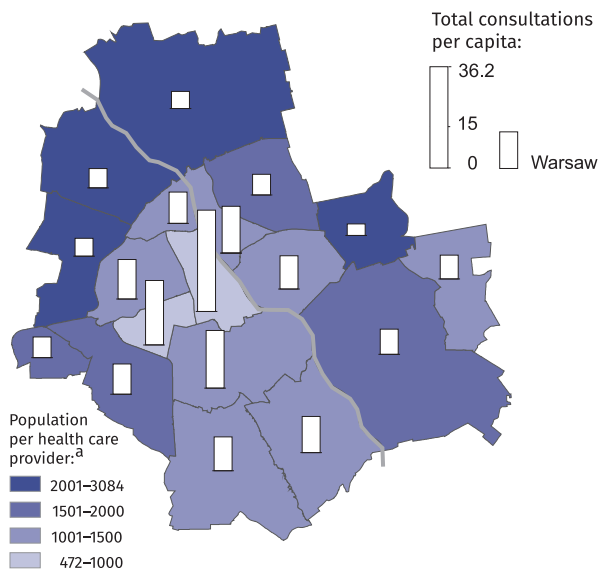
149.8 thousand

Persons who received health care benefits in admission rooms or hospital emergency wards on an out-patient basis

281.3 thousand

a As of 31 December. b Including medical air rescue team.

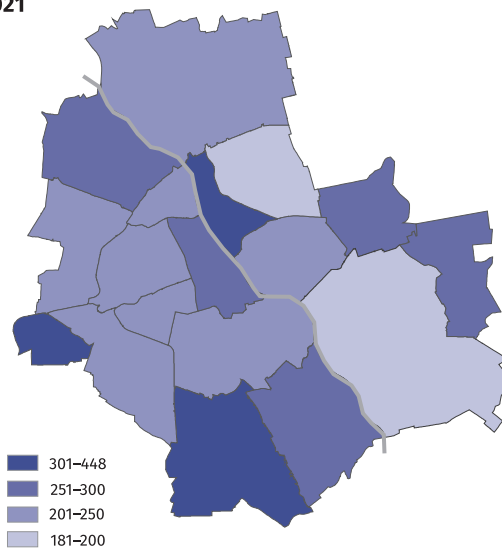
### Out-patient health care in 2021



Warsaw = 1260

a As of 31 December.

### Children in nurseries<sup>a</sup> and children's clubs up to the age of 3 per 1,000 children at the same age in 2021



Warsaw = 257

a As of 31 December.

	2019	2020
Foster families <sup>a</sup>	1115	1064
Children <sup>ab</sup> in foster families	1368	1333
of which under 18 years of age	1075	1022
Foster homes <sup>a</sup>	11	10
Children <sup>ab</sup> in foster homes	61	71

a As of 31 December. b Aged under 25.

### Supporting the family in 2021



2000.0

Payments of benefits<sup>a</sup>  
in million PLN



333790

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



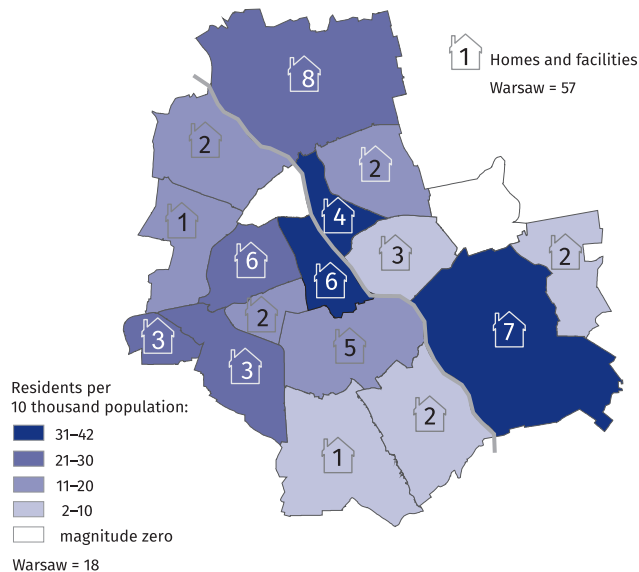
31723

Number of families  
with the Large Family Card

a As part of the „Family 500 plus” programme.

### Stationary social welfare in 2021

As of 31 December



### Recipients of social welfare benefits<sup>a</sup> in 2021



29574

↓ 6.0%

total

of which:



16065

↓ 10.0%

appropriated benefits



7013

↓ 1.2%

attendance services



3281

↓ 2.7%

temporary benefits



7448

↓ 0.8%

meal



6140

↓ 4.5%

permanent benefits



620

↑ 23.5%

burial

↑↓ increase/decrease compared to the previous year

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



	2020	2021
Public libraries <sup>a</sup> (with branches)	205	204
Collection <sup>a</sup> per 1,000 population in vol.	3597	3599
Loans per borrower in volumes	13.1	16.2
Theatres and music institutions <sup>ab</sup>	37	37
of which with their own artistic ensemble	30	30
Audience:		
per performance	245	195
per 1,000 population	828	749
Fixed cinemas <sup>a</sup>	32	34
Audience:		
per performance	17	21
per 1,000 population	1303	1920
Museums (with branches) <sup>a</sup>	61	60
Visitors per 1,000 population	3531	5033

a As of 31 December. b By the seat.

N o t e a. Due to the state of epidemic threat and the related limitations in the area of cultural activities, in 2020 the number of projects in the field of culture and the scope of using cultural assets and national heritage decreased.

### Subscribers per 1,000 population in 2021



radio

11



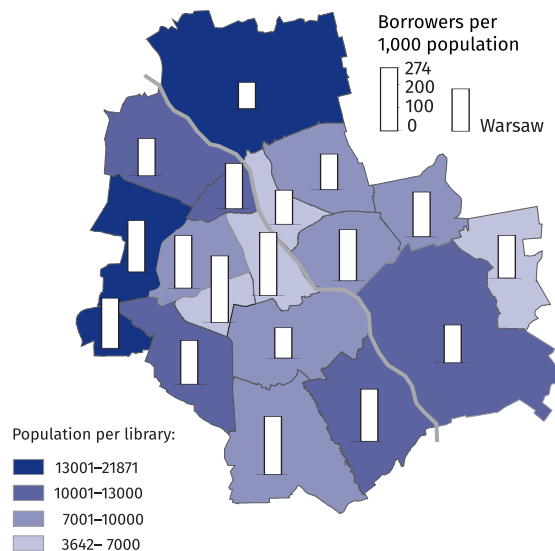
radio and television

182

a As of 31 December.

### Public libraries (with branches) in 2021

As of 31 December



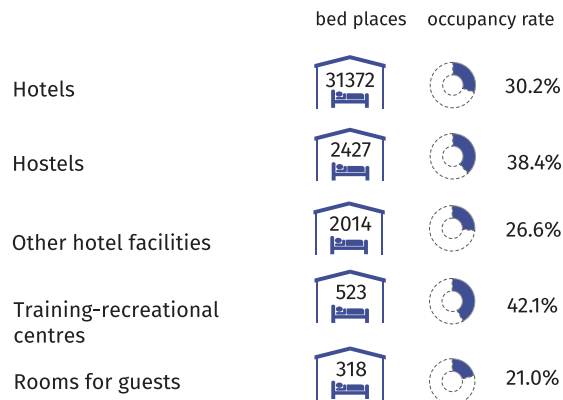
### Museums by selected types in 2021

	number of facilities	share of visitors
Historical	34	23.9%
Art	9	56.4%
Technical and science	5	18.2%
Interdisciplinary	5	0.7%
Martyrdom	3	0.2%
Ethnographic and anthropological	1	0.3%

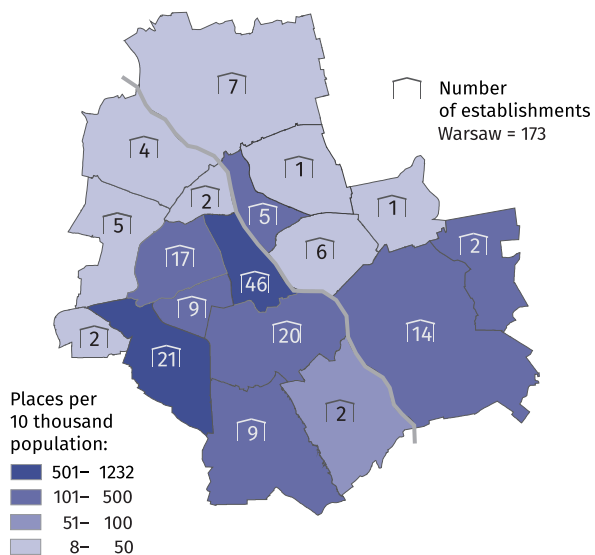
a As of 31 December; including branches.

	2020	2021
Tourist accommodation facilities <sup>a</sup>	161	173
of which hotels	85	100
Bed places <sup>a</sup> in thousands	31.8	37.6
Tourist accommodated in thousands	1322.9	2029.8
of which in hotels	1131.0	1771.5
Overnight stays in thousands	2336.9	3479.6
of which foreign tourists	633.2	865.5
Average length of stay of tourists in tourist accommodation facilities in days	1.8	1.7
of which foreign tourists	1.9	1.9

### Bed places<sup>a</sup> and occupancy rate in selected accommodation facilities in 2021

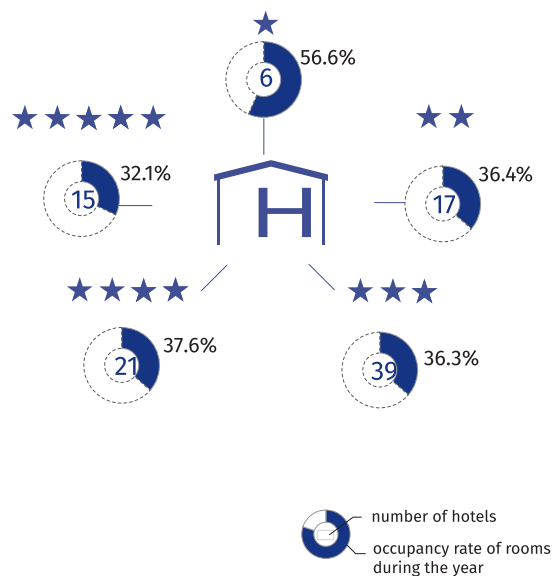


### Tourist accommodation establishments<sup>a</sup> in 2021

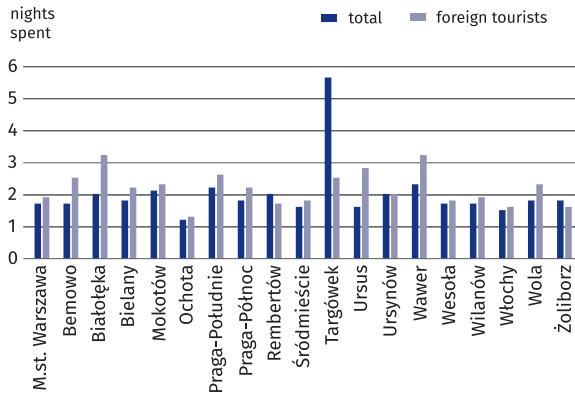


Warsaw = 202

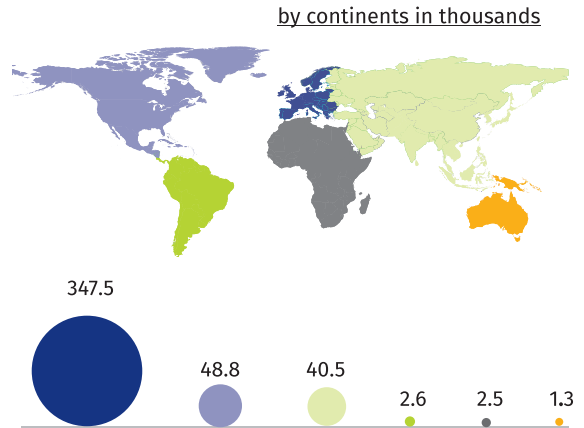
### Hotels<sup>a</sup> by category in 2021



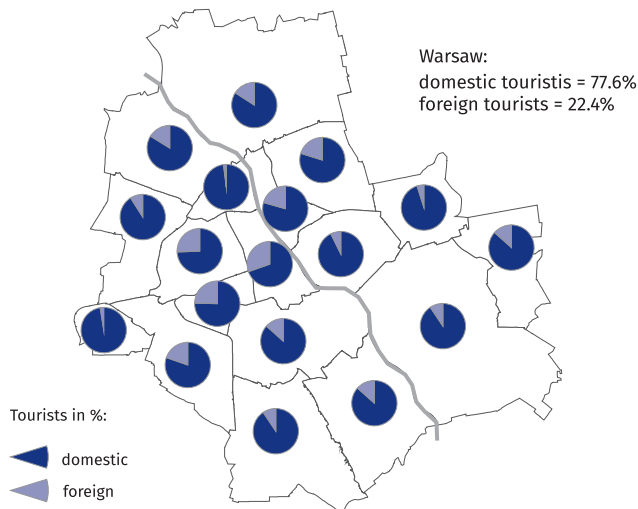
**Average length of stay of tourists in tourist accommodation establishments in 2021**



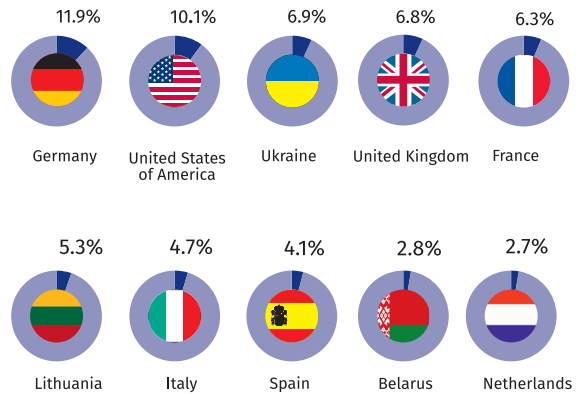
**Foreign tourists accommodated in tourist accommodation establishments in 2021**



**Tourists accommodated in 2021**



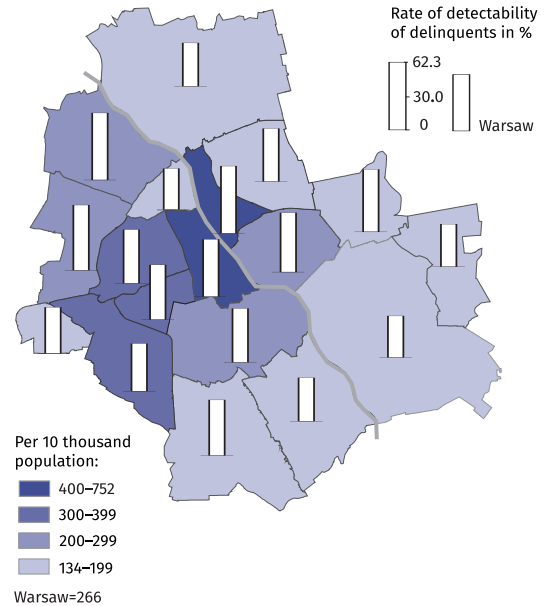
by selected countries in %



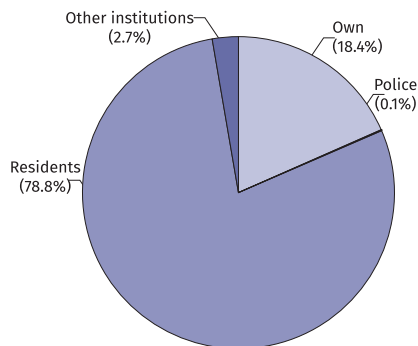
	2020	2021
Crimes ascertained by the Police <sup>a</sup>	45754	49443
of which of criminal nature in %	72.7	72.2
Rate of detectability of delinquents in crimes ascertained by the Police <sup>a</sup> in %	51.5	51.9
Notifications to the Municipal Police per 10 thousand population	435036	476232
	2337	2560
Fires	3380	3241
Paramedics taking part in rescue operations in case of fires	32082	31727
Fire victims	94	96
of which fatalities	13	20

a In completed preparatory proceedings; excluding punishable acts committed by juveniles.

### Crimes ascertained by the Police<sup>3</sup> in 2021



### Structure of notifications to the Municipal Police by source of notification in 2021



### Events recorded by the Municipal Headquarters of the State Fire Service of m.st. Warszawa in 2021



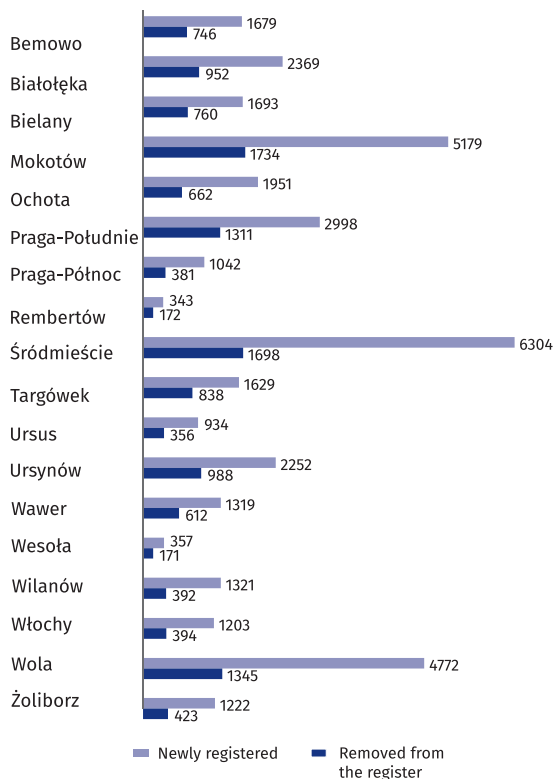
a Natural disasters, catastrophes, accidents, breakdowns and other threats to life and property.

## ENTITIES OF THE NATIONAL ECONOMY

	2020	2021
Entities of the national economy <sup>a</sup> in thousands	475.3	499.1
of which natural persons	262.3	273.3
Newly registered entities in thousands	32.8	38.6
per 1,000 population	17.6	20.8
Entities removed from the register in thousands	13.5	14.1
per 1,000 population	7.2	7.6

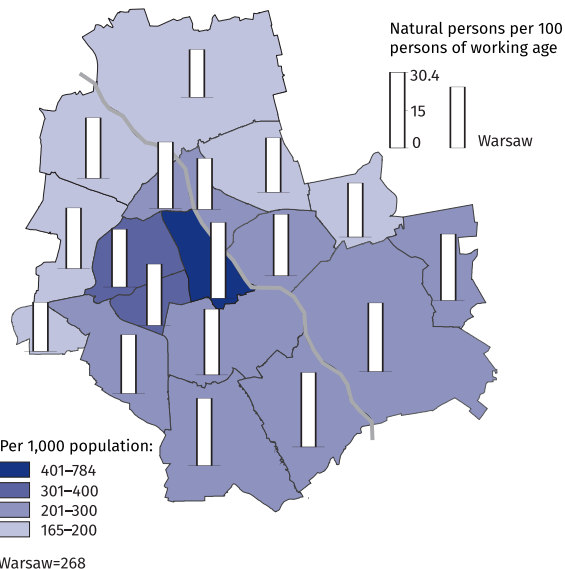
a As of 31 December.

### Entities of the national economy in 2021

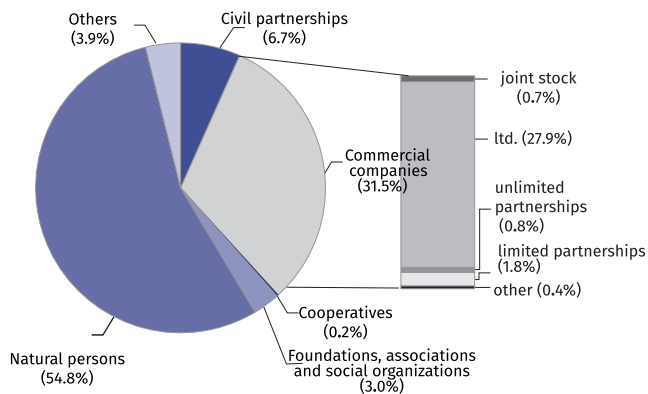


### Entities of the national economy in 2021

As of 31 December



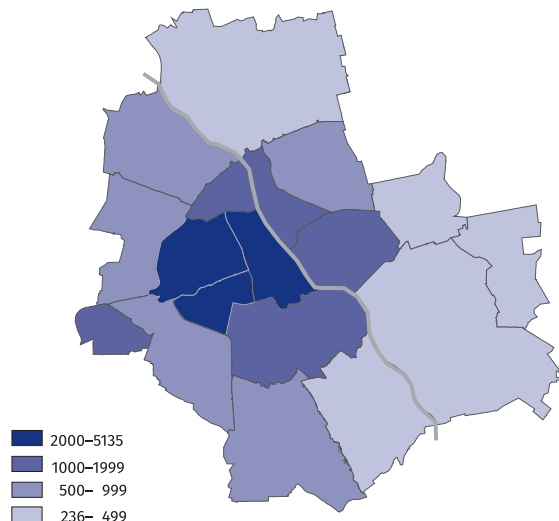
### Structure of entities of the national economy by legal status in 2021



a As of 31 December.

**Entities of the national economy per 1 km<sup>2</sup> in 2021**

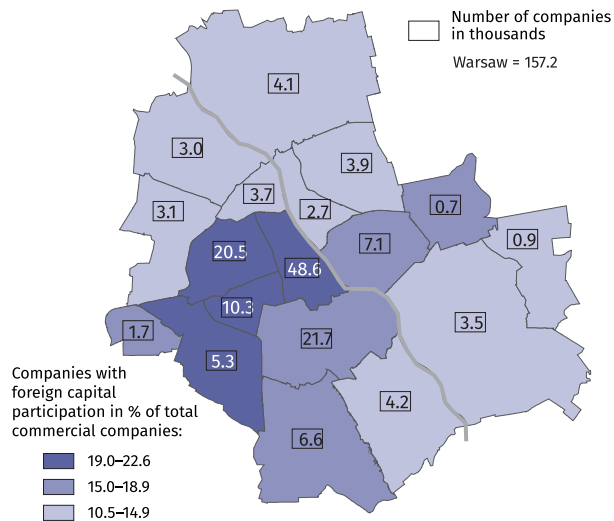
As of 31 December



Warsaw = 965

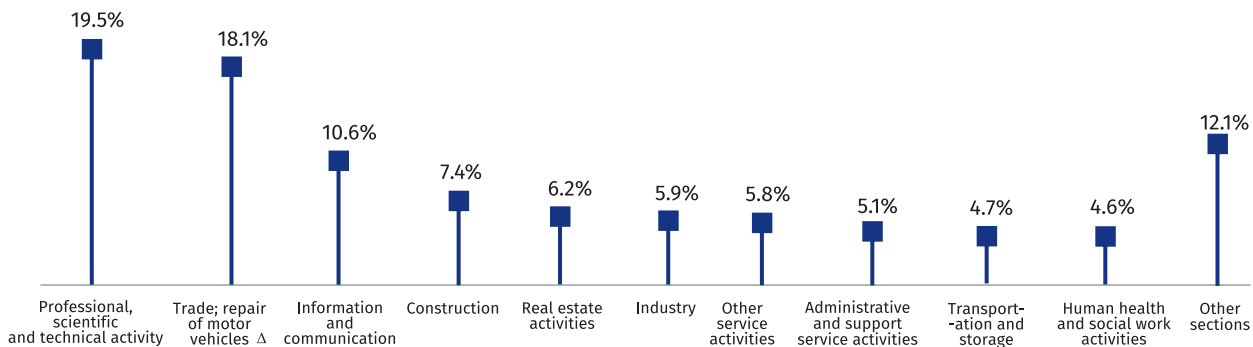
**Commercial companies in 2021**

As of 31 December



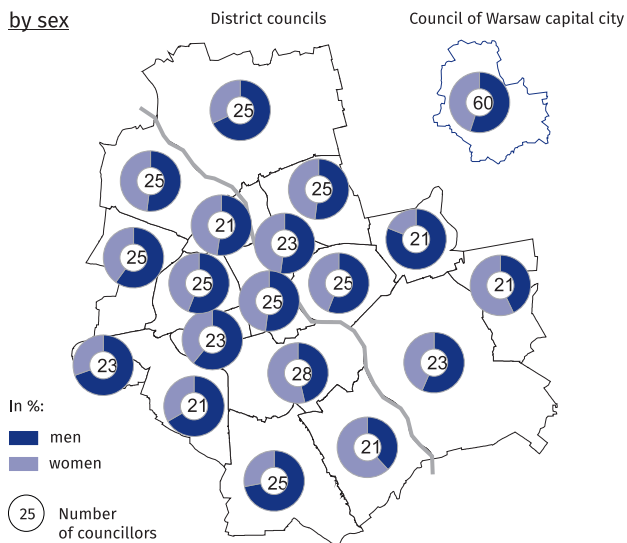
**Structure of entities of the national economy by sections in 2021**

As of 31 December

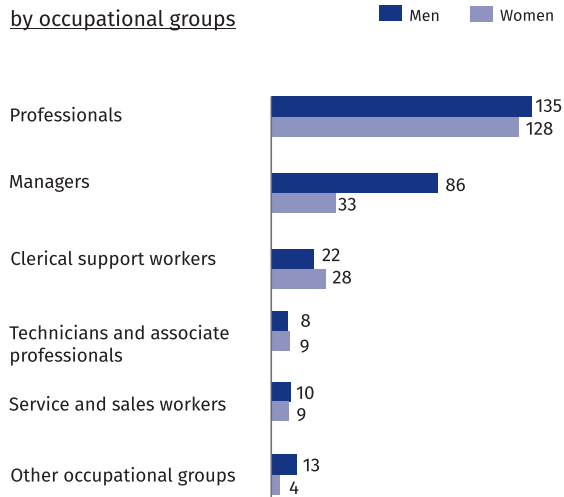


**Councillors of the council of Warsaw capital city and district councils in 2021**  
As of 31 December

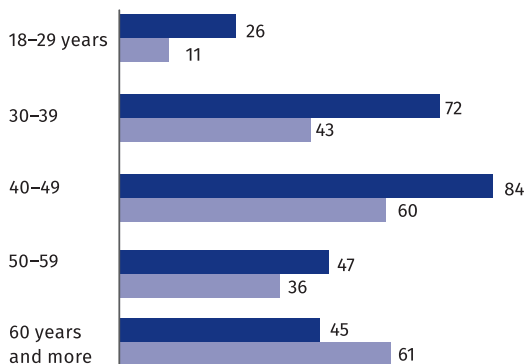
by sex



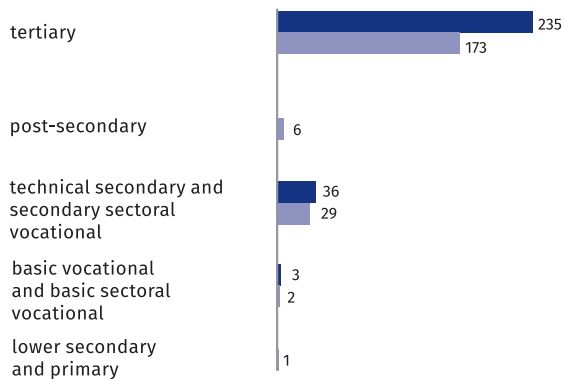
by occupational groups



by age



by education



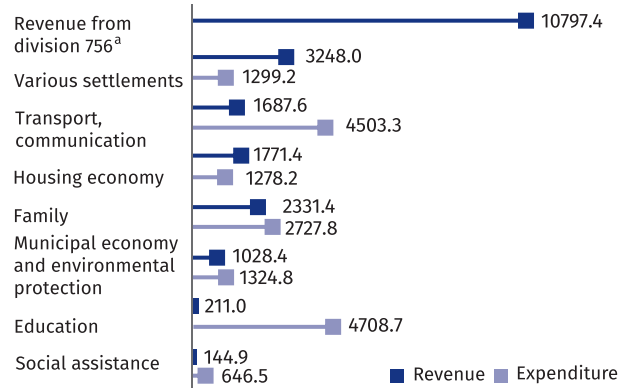


**Budget of m.st. Warszawa**

	2020		2021	
	in million PLN		in percent	
Revenue	18557.7	21594.8	100.0	
city part	14140.2	16426.6	76.1	
powiat part	3105.9	3583.7	16.6	
district part	1311.6	1584.4	7.3	
Expenditure	20226.2	20285.4	100.0	
city part	8783.8	8618.0	42.5	
powiat part	1701.4	1815.0	8.9	
district part	9741.0	9852.5	48.6	
Surplus (+)/Deficit (-)	-1668.5	-1309.3		

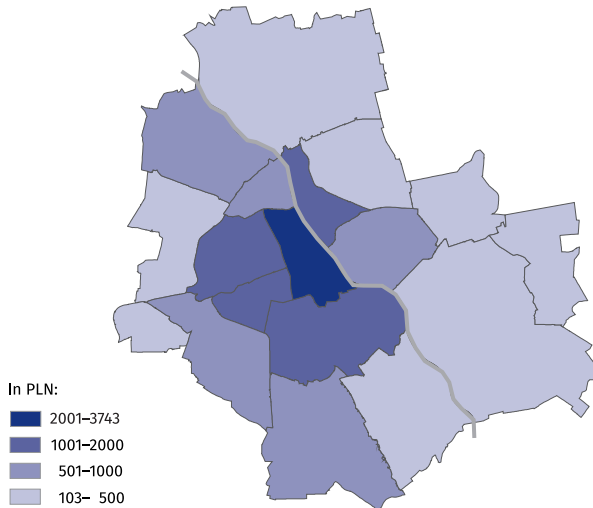
**Revenue and expenditure of Warsaw capital city budget by selected divisions in 2020**

in million PLN

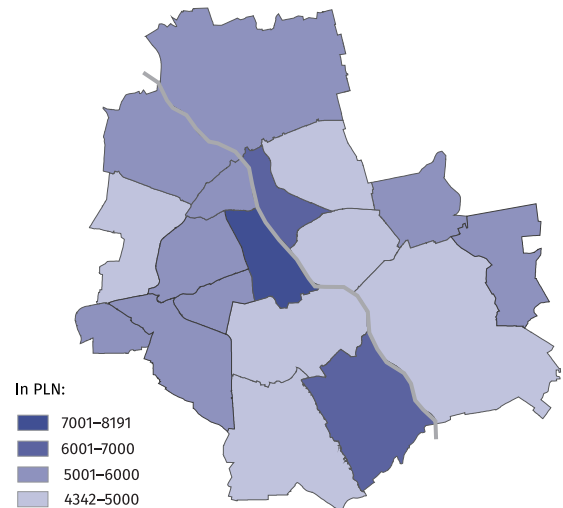


a Income taxes from legal persons, natural persons and other organizational units without legal personality and expenses associated with their intake.

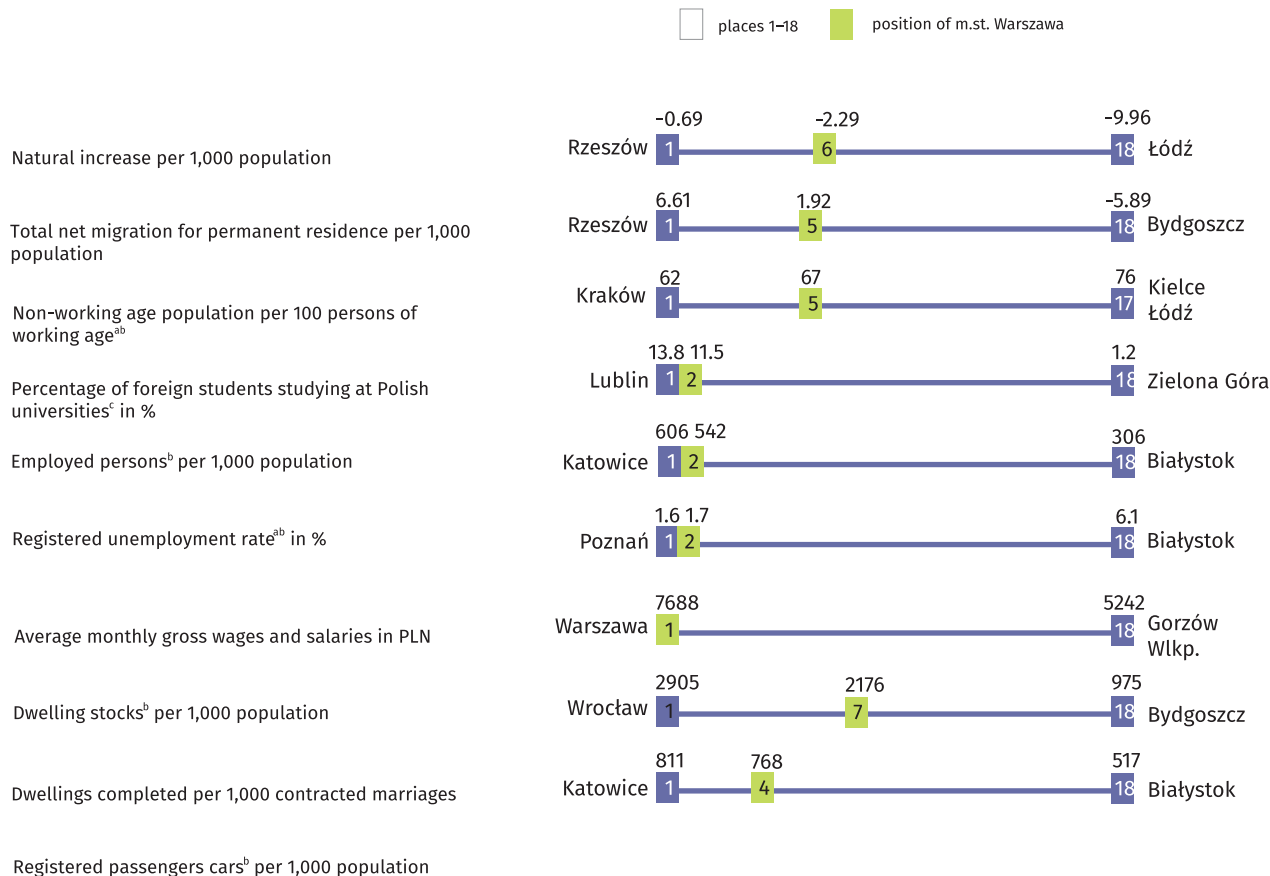
**Revenue of the district part of the budget of m.st. Warszawa per capita in 2021**



**Expenditure on the district part of the budget of m.st. Warszawa per capita in 2021**



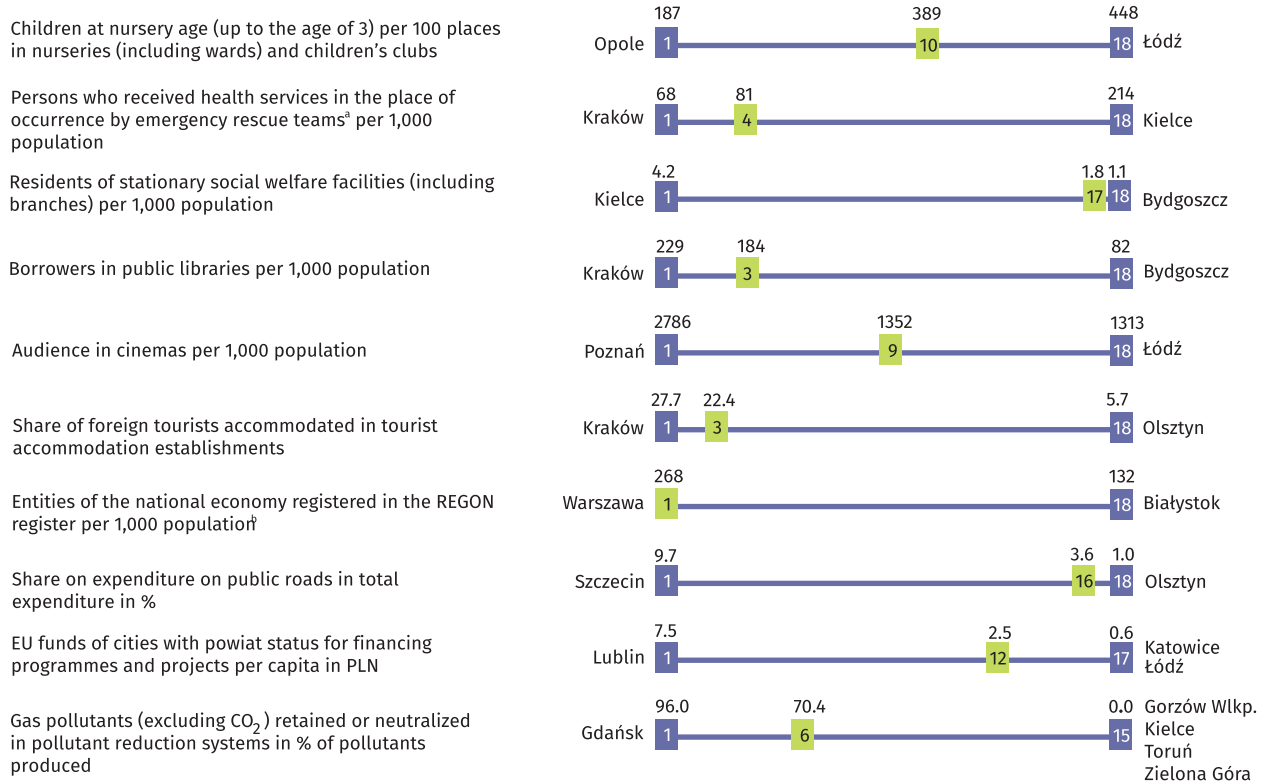
## M.ST. WARSZAWA COMPARED TO VOIVODSHIP CITIES IN 2021



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

## M.ST. WARSZAWA COMPARED TO VOIVODSHIP CITIES IN 2021

□ places 1-18    ■ position of m.st. Warszawa

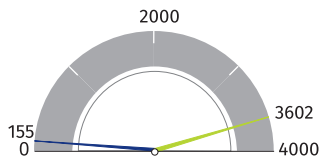


a The lowest value was marked as 1 place, while the highest – as the last place. b As of 31 December.

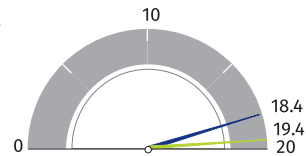
## M.ST. WARSZAWA COMPARED TO MAZOWIECKIE VOIVODSHIP IN 2020

— Mazowieckie  
— M.st Warszawa

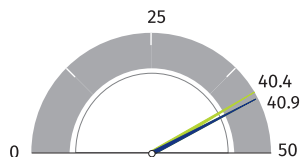
Population per 1 km



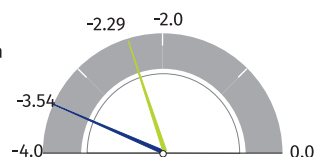
Percentage of persons aged 65 and more (in %)



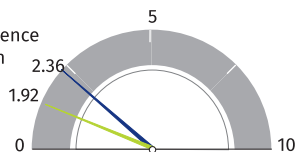
Median age



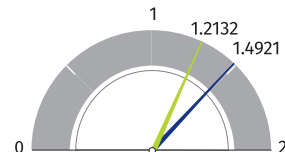
Natural increase per 1,000 population



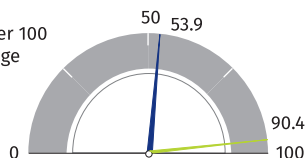
Total net migration for permanent residence per 1,000 population



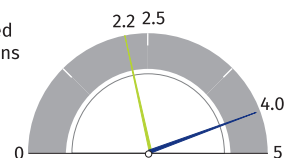
Total fertility rate



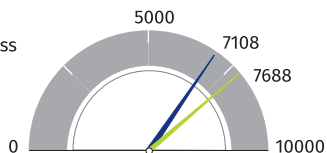
Employed persons per 100 persons of working age



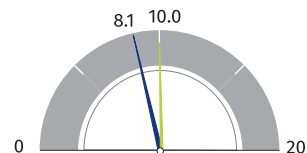
Registered unemployed persons per 100 persons of working age



Average monthly gross wages and salaries in PLN



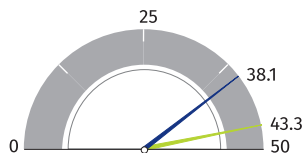
Dwellings completed per 1,000 population



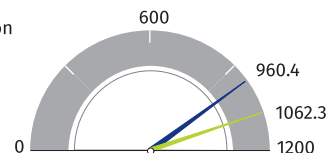
## M.ST. WARSZAWA COMPARED TO MAZOWIECKIE VOIVODSHIP IN 2020

— Mazowieckie  
— M.st. Warszawa

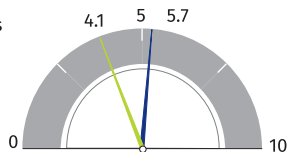
Consumption of water from water supply system in households per capita in m<sup>3</sup>



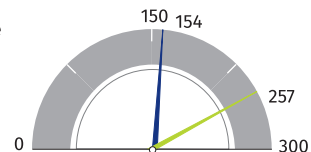
Electricity consumption in households in urban areas per capita in kWh



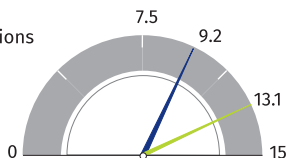
Road traffic accidents per 10 thousand road vehicles and tractors registered



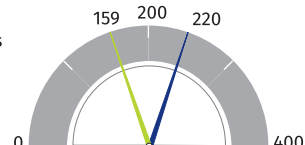
Children up to the age of 3 in nurseries (including wards) and children's clubs per 1,000 children at this age group



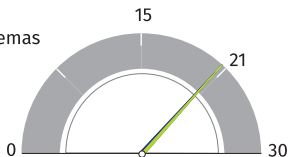
Out-patient consultations per capita



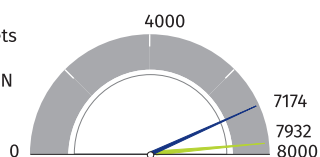
Persons granted social welfare benefits per 10 thousand population



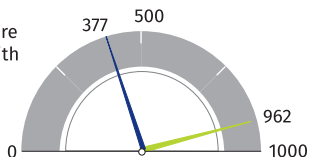
Audience in fixed cinemas per screening



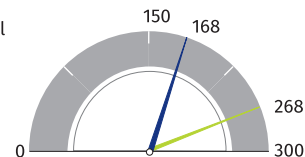
Own revenue of budgets of cities with powiat status per capita in PLN



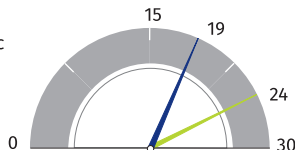
Investment expenditure of budgets of cities with powiat status per capita in PLN



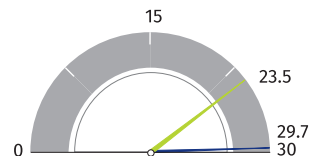
Entities of the national economy per 1,000 population



Natural persons conducting economic activity per 100 persons of working age



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 Education and Science – data on education and higher education

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

Ministry of Development, Labour and Technology – data on unemployment

The Chancellery of the Prime Minister - data on registered vehicles

Municipal Roads Administration - data on bike rentals

Board of Municipal Transport – data on „Park&Ride” carparks and public transport

National Police Headquarters – data on road traffic accidents; ascertained crimes and completed preparatory proceedings;

Municipal Police of m.st. Warszawa - data on notifications

Municipal Headquarters of the State Fire Service - data on fires, paramedics and registered events

Board of Warsaw Metro – diagram of metro lines

Ministry of Health and Ministry of the Interior and Administration - data on medical staff

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

[www.bip.warszawa.pl](http://www.bip.warszawa.pl) – data on the budget of m.st. Warszawa

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

Data on the population and demographic indicators, as well as calculations per capita (1,000 population) were prepared on the basis of the results of the National Population and Housing Census 2021, therefore the values for 2020 have been changed compared to those previously published.

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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