

With Statistics through Warsaw 2021

Warszawa 2021



Statistical Office
in Warszawa

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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

MAJOR ABBREVIATIONS

Abbreviation	Meaning	Abbreviation	Meaning
km	kilometre	kg	kilogramme
km ²	sqare kilometre	PLN	polish zloty
°C	degree Celsius	kWh	kilowatt-hour
mm	milimetre	vol.	volume
h	hour		
m ²	squere metre		
m ³	cubic metre		
dam ³	cubic decametre		

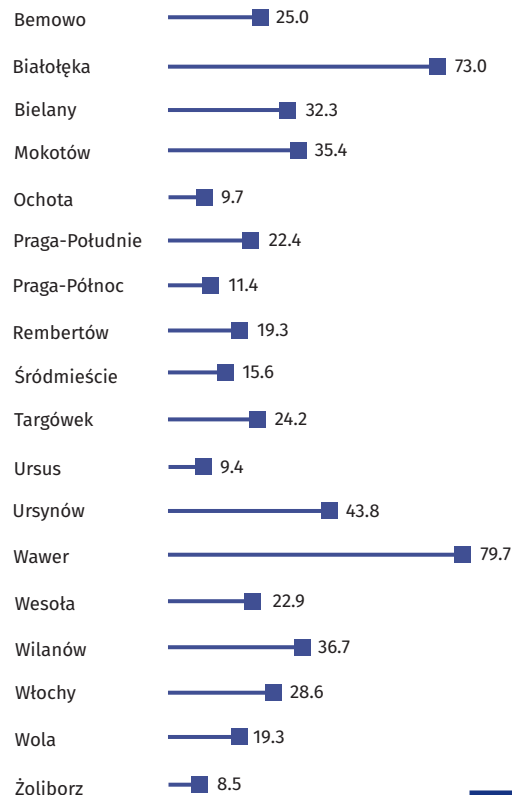


517.2 km² area of Warsaw

15.4% Wawer district
highest share in the total area

1.6% Żoliborz district
lowest share in the total area

Area (in km²) by districts in 2029 As of 1 January



Geographical location of Warsaw

longitude east

20°51'06" west

21°16'16" east

north latitude

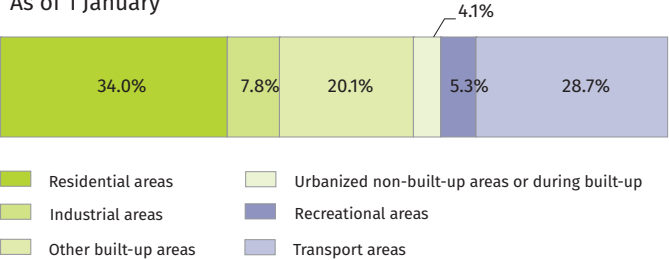
52°22'05" north

52°05'52" south

	2019	2020
Area per 1 inhabitant in m ²	289	288
Average air temperature in °C	10.9	10.5
maximum	22.9	20.7
minimum	-1.7	2.0
Total annual precipitation in mm	390	646
Average wind velocity in m/s	3.6	3.3
Insolation in h	1651	.
Average cloudiness in octants ^a	5.1	5.2

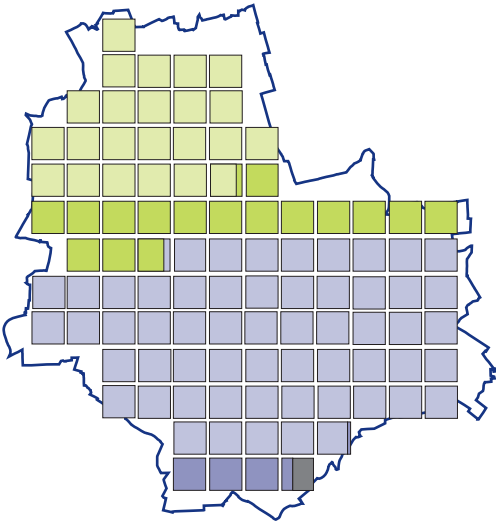
a Degree of cloudiness: 0 (no clouds) to 8 (total cloud cover).

Structure of built-up and urbanized areas in 2020
As of 1 January



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

**Geodesic area
by directions of land use in 2020**
As of 1 January



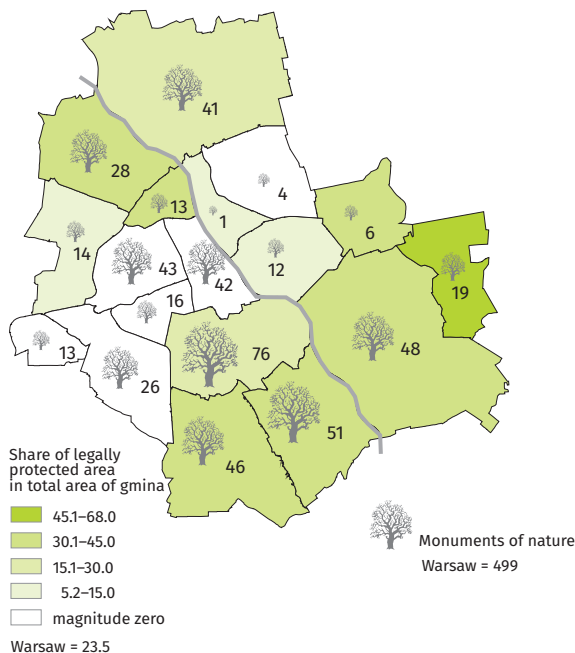
- In %:
- arable land (22.8%)
 - forest land (15.9%)
 - other land (0.7%)
 - built-up and urbanized areas (57.2%)
 - lands under waters (3.4%)

96.9% Ochota district
largest share in built-up
and urbanized areas

26.9% 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 2020

As of 1 January



	2019	2020
Water withdrawal for needs of the national economy and population in m ³	135.4	137.0
Industrial and municipal wastewater requiring treatment in dam ³	111036	112072
Population connected to wastewater treatment plants in % of total population ^a	98.3	99.0
Emission of pollutants in tonnes:		
particulates	395	330
of which particulates from the combustion of fuels	371	311
gases (excluding CO ₂)	15353	13094
Mixed municipal waste collected from households per 1 inhabitant in kg	271	233

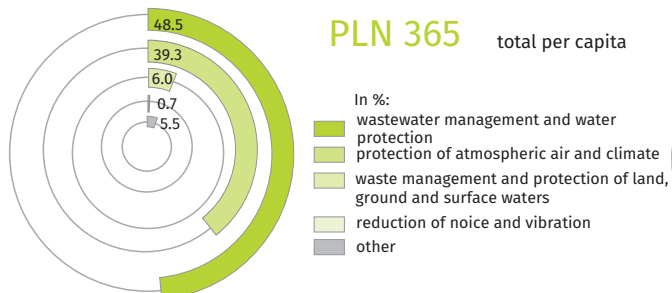
^a Population connected to wastewater treatment plants – estimated data; total population – based on balances.

Outlays of fixed assets in 2020

For environmental protection

PLN 655.3 million

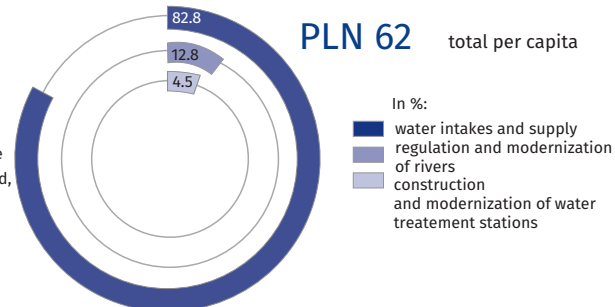
PLN 365 total per capita



For water management

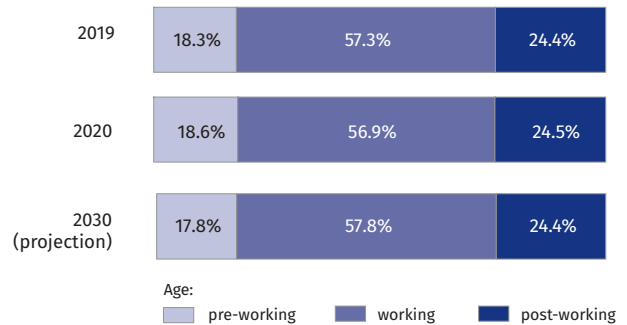
PLN 111.9 million

PLN 62 total per capita

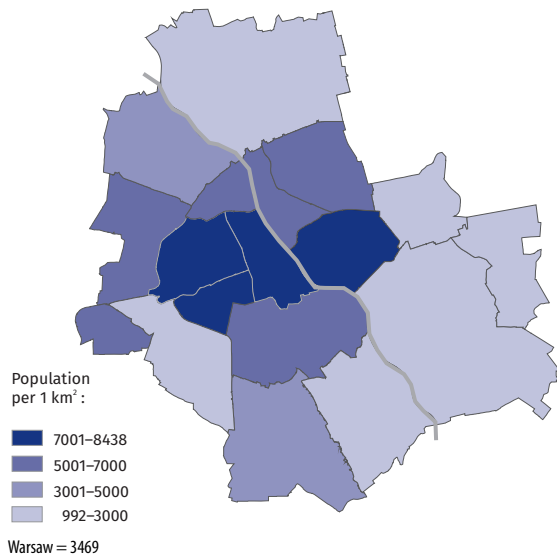


	2019	2020
Population ^a in thousands	1790.7	1794.2
women	966.3	967.4
men	824.3	826.8
Women per 100 men	117	117
Median age	41.7	42.0
women	43.3	43.5
men	40.1	40.3
Average life expectancy		
women	82.9	81.8
men	76.7	75.1

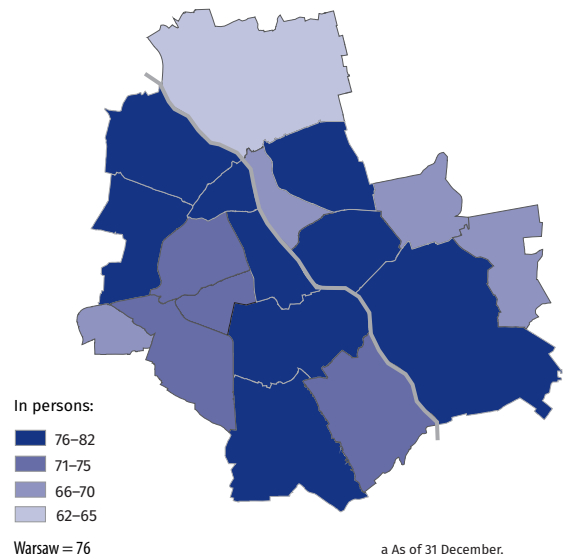
Structure of population by economic age groups



Population density^a in 2020



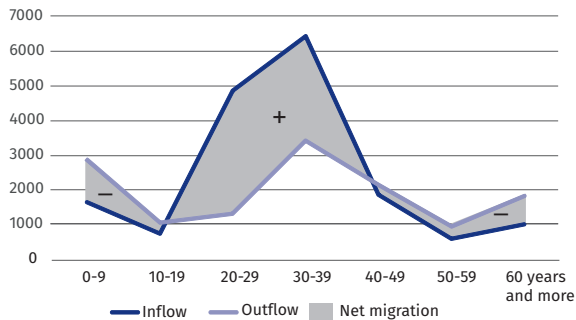
Non-working age population^a per 100 persons of working age in 2020



a As of 31 December.

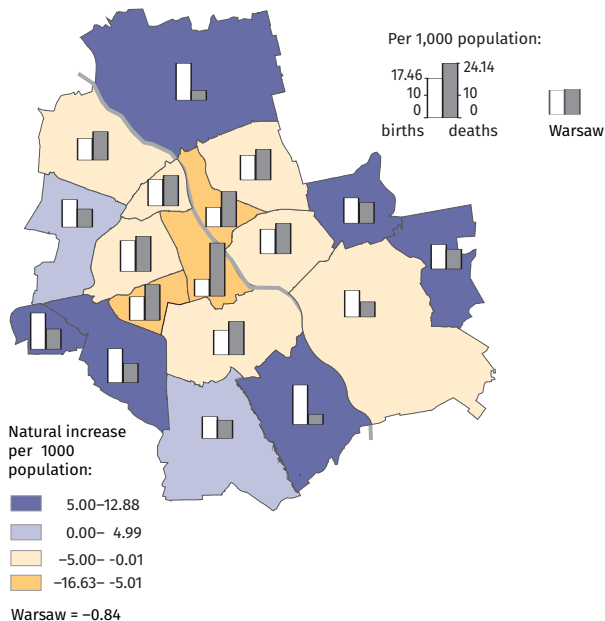
	2019	2020
Per 1000 population:		
marriages	5.16	4.04
divorces	1.93	1.82
live births	11.98	11.52
deaths	10.70	12.37
Live births per 1000 women aged 15–49	49.18	47.34
Total fertility rate	1.5665	1.5777

Internal migration of population for permanent residence by age groups in 2020

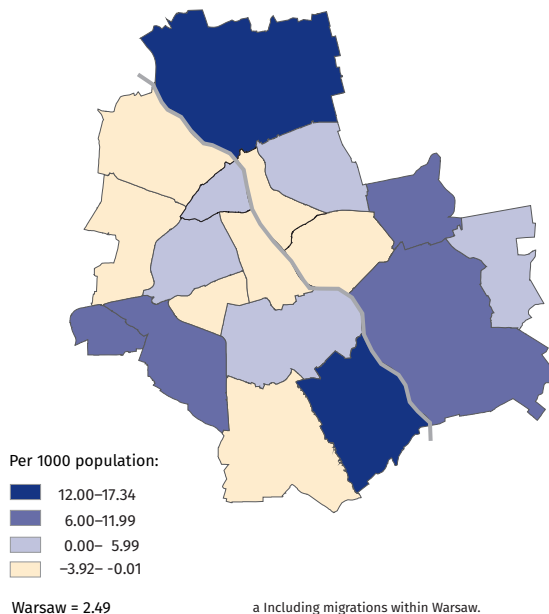


a Excluding migrations within Warsaw.

Natural increase of population in 2020

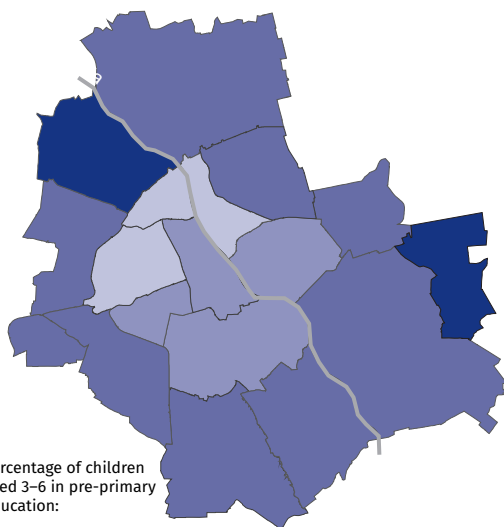


Net migration^a for permanent residence in 2020



	2019/2020	2020/2021
Pre-primary establishments	1131	1151
of which nursery schools	798	824
Children in pre-primary establishments in thousands	81.6	83.3
of which at the age of:		
5	20.4	20.6
6	18.1	19.8
of which in nursery schools	70.9	72.4

Pre-primary education in the school year 2020/2021

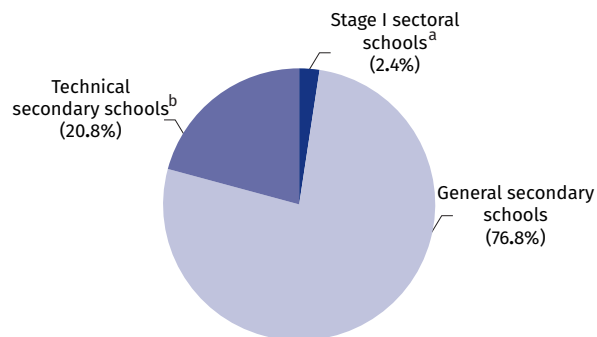


Schools^a:

	Establishments	Students	Graduates
primary	408	149262	14021
stage I sectoral for youth ^b	40	3385	431
stage II sectoral	2	144	—
general secondary	210	68369	13631
technical for youth	55	23959	3585
general art ^c	6	822	102
post-secondary	72	17894	3349

a Establishments and students in the school year 2020/21; graduates from the school year 2019/20.
b Including special job training schools. c Leading to professional certification.

Structure of post-primary school graduates from the school year 2019/20



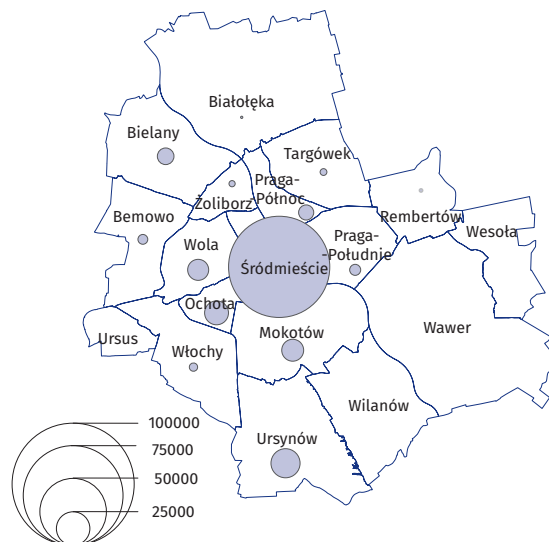
a Including special job training schools. b Including general art schools leading to professional certification.

	2019	2020
Higher education institutions	68	68
Students ^a total	219038	225200
of which foreigners	24436	24460
study forms:		
full-time programmes	133139	137848
part-time programmes	85899	87352
Graduates ^{ab}	50611	48917

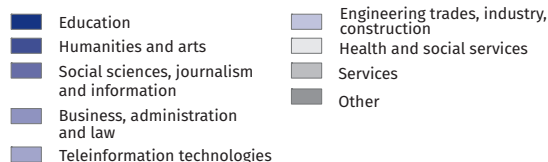
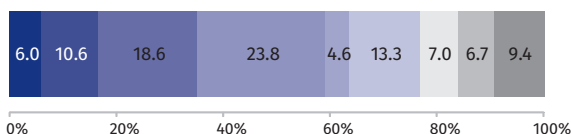
a By actual location of organizational units; as of 31 December. b Persons who obtained diplomas of graduation in the period from 1 January to 31 December.

Note. Information on students and graduates concerns higher education institutions that submitted statistical reports.

Students by actual location of higher education institution/branch in the 2020/2021 academic year

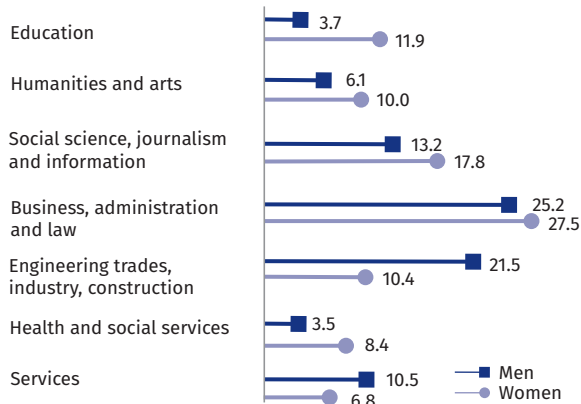


Structure of students^a of higher education institutions by fields of education in 2020



a By the seat of home university; as of 31 December.

Graduates of higher education institutions^a in 2020 by selected fields of education in % of total graduates of given sex



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

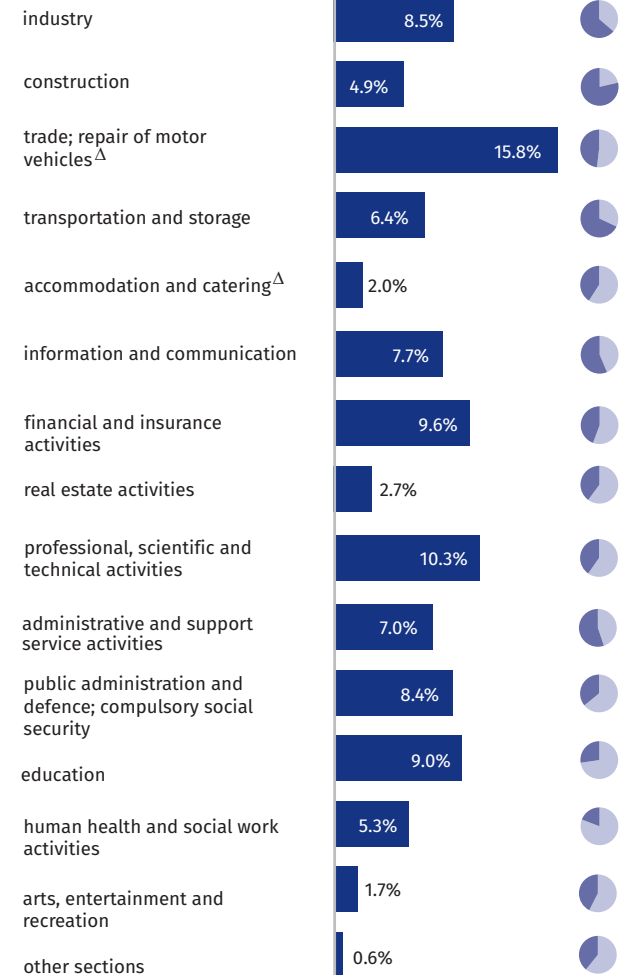
	2019	2020
Employed persons ^a total	982128	966837
of which women	520768	510458
From the total number:		
industry and construction	131839	129191
trade; repair of motor vehicles, ^Δ transportation and storage, accommodation and catering, ^Δ information and communication	315803	309463
financial and insurance activities, real estate activities	124898	119243

a As of 31 December.

Employed persons by section in 2020

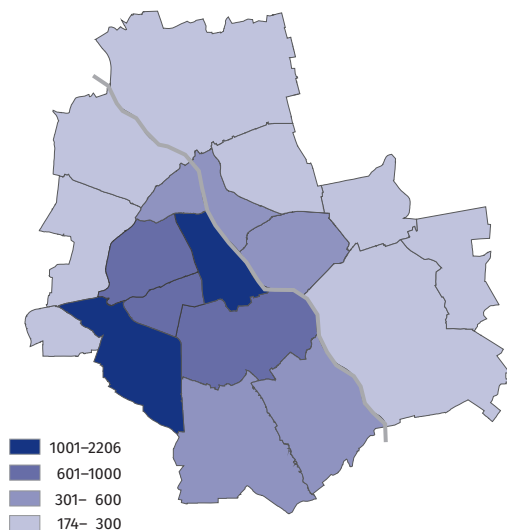
As of 31 December

Sections:



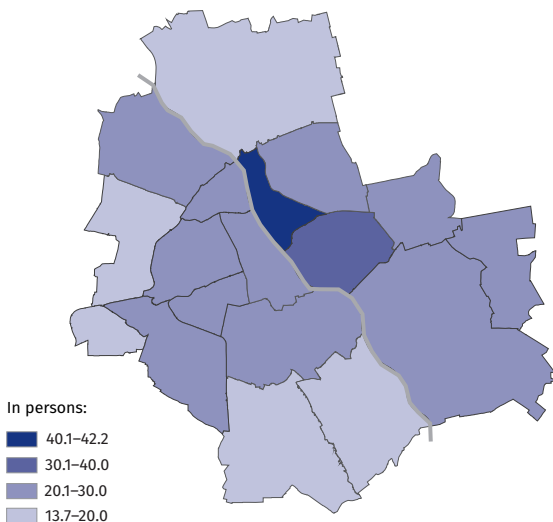
Employed persons per 1,000 population in 2020

As of 31 December



	2019	2020
Registered unemployed persons ^a	17367	24403
of which women	8573	12001
Newly registered unemployed persons	32432	30177
Persons removed from the register	34447	23141
of which due to taking up work	16771	14684
Registered unemployment ^a rate in %	1.3	1.8
Registered unemployed persons ^a per job offer	19	39

Registered unemployed persons^a per 1,000 population of working age in 2020



Warsaw = 23.9

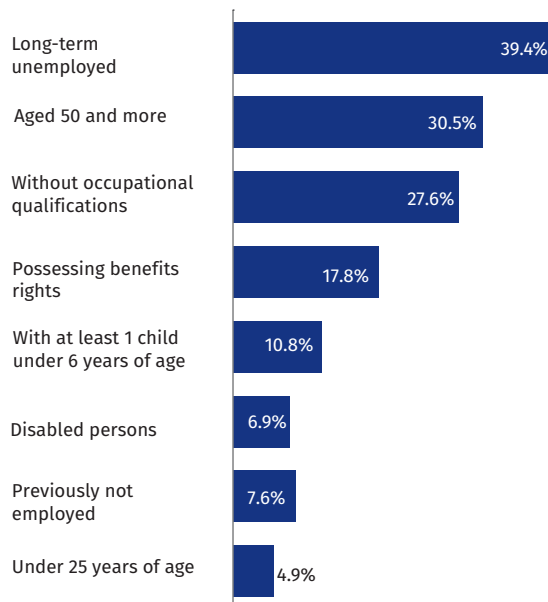
^a As of 31 December.

Statistical unemployed resident of Warsaw^a in 2019



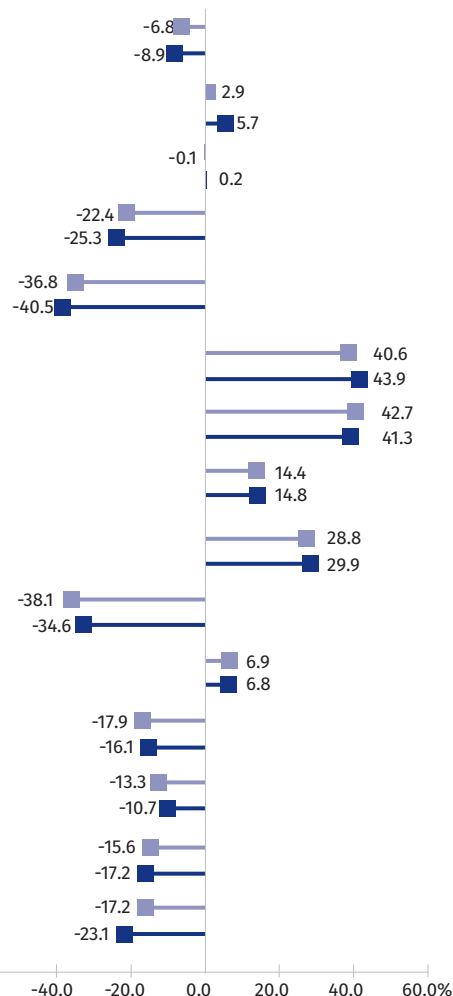
- Man
- aged 35–44
- with higher education
- unemployed for 6–12 months
- with work seniority of 1 year and less

Share of selected categories of unemployed^a in 2020



Average monthly gross wages and salaries in PLN

Total	6802.60	7147.46
Industry (BCDE)	6340.05	6513.96
Construction (F)	7000.24	7553.94
Trade; repair of motor vehicles ^Δ (G)	6792.77	7163.79
Transportation and storage (H)	5280.68	5341.06
Accommodation and catering ^Δ (I)	4297.94	4253.04
Information and communication (J)	9563.86	10286.65
Financial and insurance activities (K)	9710.26	10102.81
Real estate activities (L)	7785.04	8202.84
Professional, scientific and technical activities (M)	8759.80	9286.59
Administrative and support service activities (N)	4210.98	4675.42
Public administration and defence; compulsory social security (O)	7271.21	7635.82
Education (P)	5587.85	5998.81
Human health and social work activities (Q)	5894.92	6383.85
Arts, entertainment and recreation (R)	5738.57	5916.52
Other service activities (S)	5629.18	5499.74

Deviations of average monthly gross wages and salaries^a from the average wages and salaries in Warsaw capital city

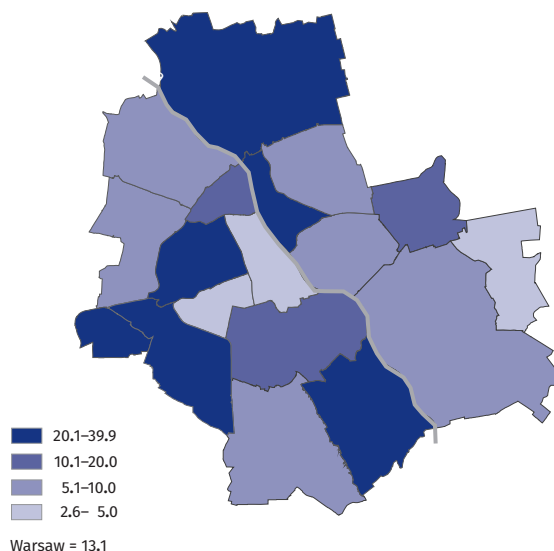
^a Excluding economic entities employing up to 9 persons; excluding persons employed abroad.

	2019	2020
Dwelling stocks (as of 31 December)		
dwellings in thousands	997.1	1020.4
useful floor area of dwellings in thousand m ²	58790.2	60159.2
average:		
number of rooms in a dwelling	3.14	3.13
useful floor area in m ² :		
per 1 dwelling	59.0	59.0
per capita	32.8	33.5
Dwellings completed	21599	23543
per 1,000 population	12.1	13.1
per 1,000 contracted marriages	2347	3247
useful floor area of dwellings in thousand m ²	1289.5	1395.7
average useful floor area of 1 dwelling in m ²	59.7	59.3

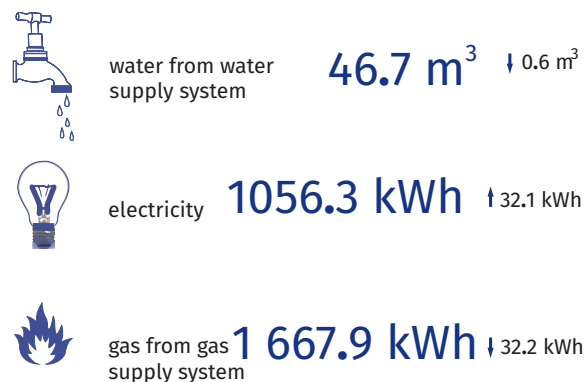
Average duration of construction of new residential buildings completed in 2020

Construction:	months
cooperative	38.0
municipal	31.7
private	29.1
for sale or rent	23.5
private building society	20.0

Dwellings completed per 1,000 population in 2020



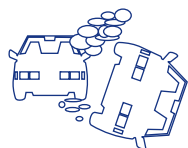
Consumption per capita in households in 2020



↑↓ increase/decrease compared to the previous year

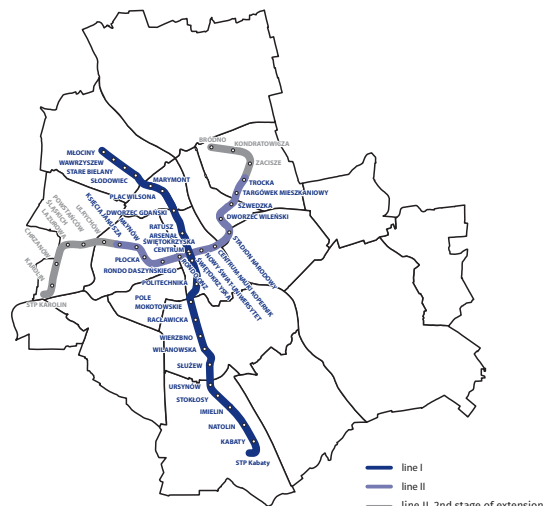
	2019	2020
Public roads ^a per 100 km ² in km:		
hard surface district roads	111.1	123.8
hard surface communal roads	286.5	299.5
Passenger cars ^{ab} per 1,000 population	765	780
Road vehicles and tractors registered ^b for the first time	167309	130449
Transport of passengers by public transport during the year in millions:		
trams	296.5	168.9
buses	598.9	352.4
urban rapid rail	22.0	14.9
metro	241.8	162.3
„Park&Ride” (P+R) car parks ^a	16	16
„Bike and Ride” parking areas ^c		
Public Bike System		
bicycle rentals during the year	5984	2868
in thousands	892	641
Road traffic accidents per 10 thousand registered road vehicles and tractors ^a	5.4	3.8
casualties	1055	753

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

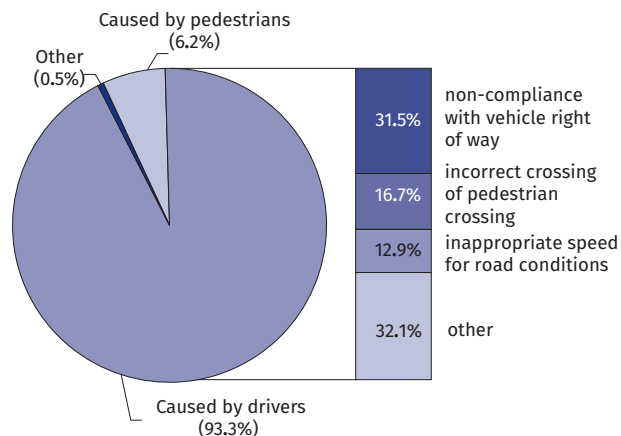


4.7% of road accidents were caused by drunk drivers

Scheme of metro lines in Warsaw capital city



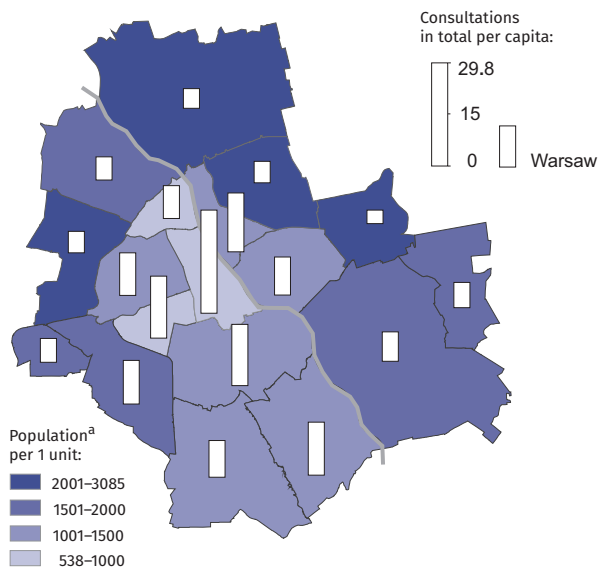
Main causes of road traffic accidents in 2020



	2019	2020
Beds in general hospitals ^{ab}	11970	12149
per 10 thousand population	67	68
In-patients ^c per 1000 population in general hospitals	340.6	256.7
Out-patient consultations per capita	13.2	11.9
doctors	11.4	10.5
stomatological	1.7	1.4
Population per 1 generally available pharmacy ^a	2907	2980
Blood donors per 10 thousand population	245	234

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

Out-patient health care in 2020



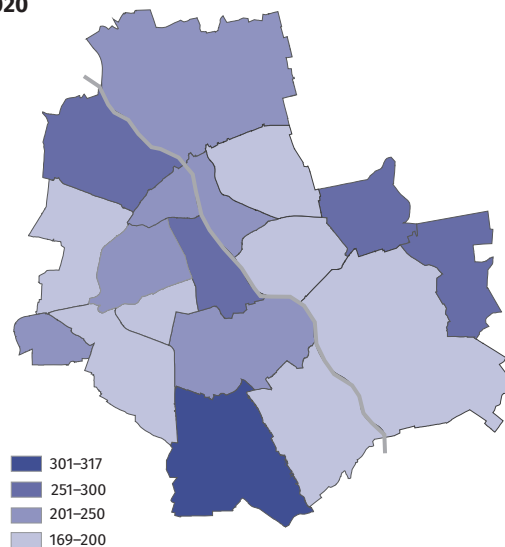
Warsaw = 1272

First aid and emergency medical services in 2020

Emergency rescue teams	52 ^b
Hospital emergency wards	12
Persons who received health care benefits in the place of occurrence	130.1 thousand
Persons who received health care benefits in admission rooms or hospital emergency wards on an out-patient basis	264.0 thousand

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

Children in nurseries^a and children's clubs up to the age of 3 per 1,000 children at the same age in 2020



Warsaw = 221

a As of 31 December.

Supporting the family in 2020



1997.7

Average monthly number of families receiving child-support benefit



332759

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



28606

Number of families with the Large Family Card

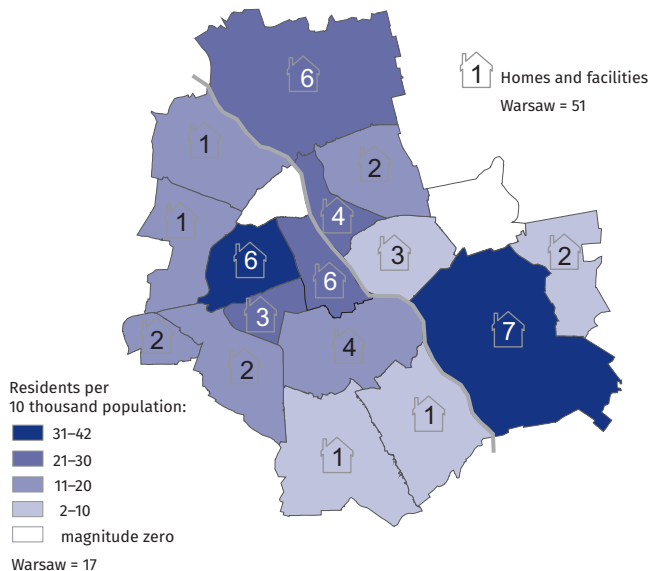
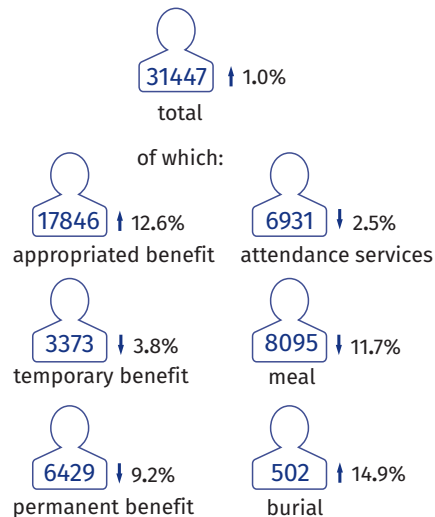
a As part of the „Family 500 plus“ programme.

	2019	2020
Foster families ^a	1157	1115
Children ^{ab} in foster families	1440	1368
of which under 18 years of age	1075	1075
Foster homes ^a	12	11
Children ^{ab} in foster homes	73	61

a As of 31 December. b Aged under 25.

Stationary social welfare in 2020

As of 31 December

Recipients of social welfare benefits^a in 2020

↑ increase/decrease compared to the previous year

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

	2019	2020
Public libraries ^a (with branches)	205	205
Collection ^a per 1000 population in vol.	3733	3732
Loans per 1 borrower in volumes	14.2	13.1
Theatres and music institutions ^{ab}	37	37
of which with their own artistic ensemble	29	30
Audience:		
per 1 performance	288	245
per 1000 population	2729	859
Fixed cinemas ^a	30	32
Audience:		
per 1 performance	29	17
per 1000 population	4576	1352
Museums (with branches) ^a	69	61
Visitors per 1000 population	6762	3664

a As of 31 December. b By the seat.

Note 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 2020



radio

210



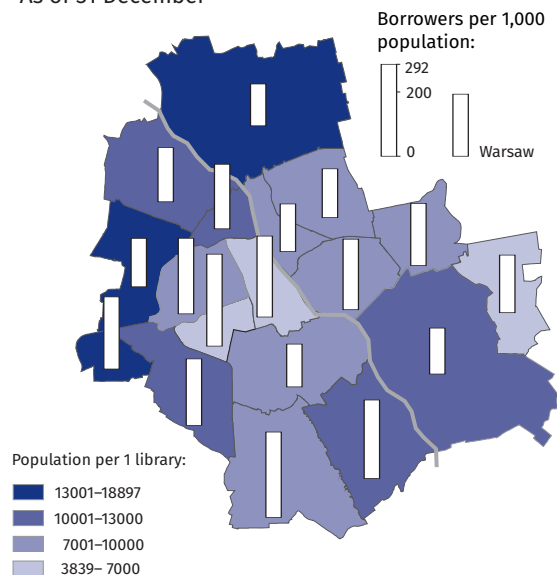
television

198

a As of 31 December.

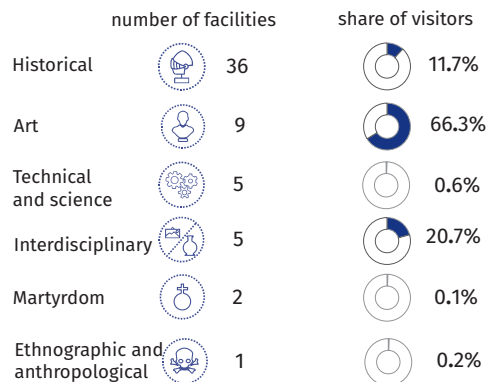
Public libraries (with branches) in 2020

As of 31 December



Warsaw = 8752

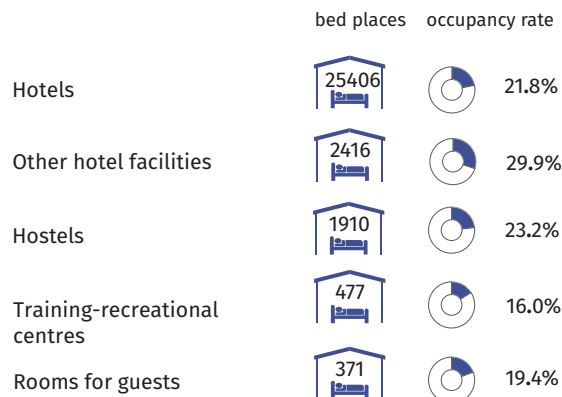
Museums by selected types in 2020



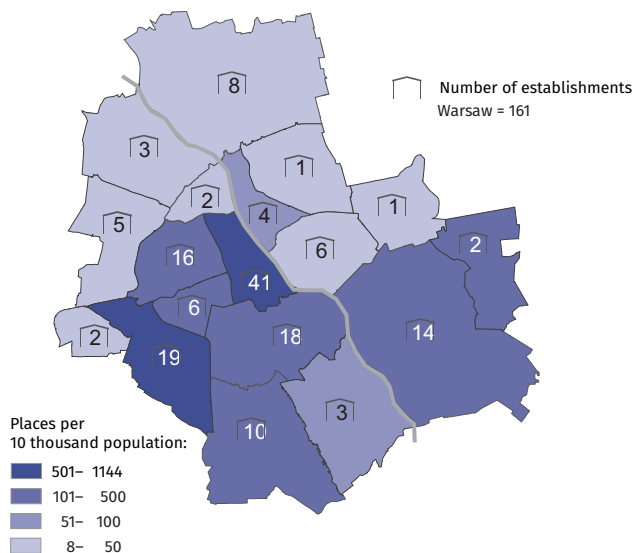
a As of 31 December; including branches.

	2019	2020
Tourist accommodation facilities ^a	192	161
of which hotels	98	85
Bed places ^a in thousands	34.8	31.8
Tourist accommodated in thousands	3807.5	1322.9
of which in hotels	3345.7	1131.0
Overnight stays in thousands	6548.4	2336.9
of which foreign tourists	2583.0	633.2
Average length of stay of tourists in tourist accommodation facilities in days	1.7	1.8
of which foreign tourists	1.9	1.9

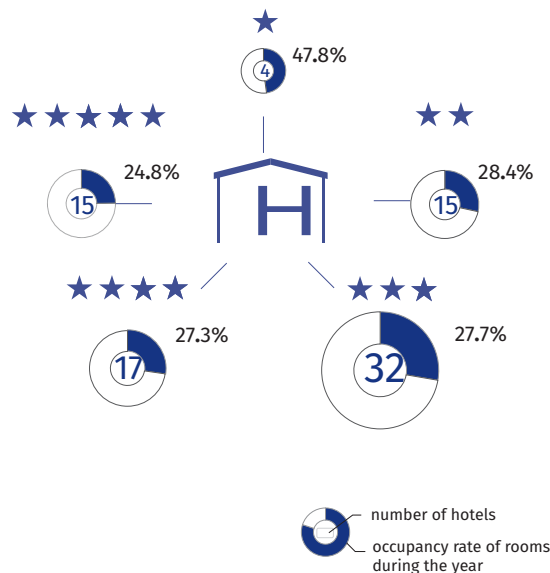
Bed places^a and occupancy rate in selected accommodation facilities in 2020



Tourist accommodation establishments^a in 2020

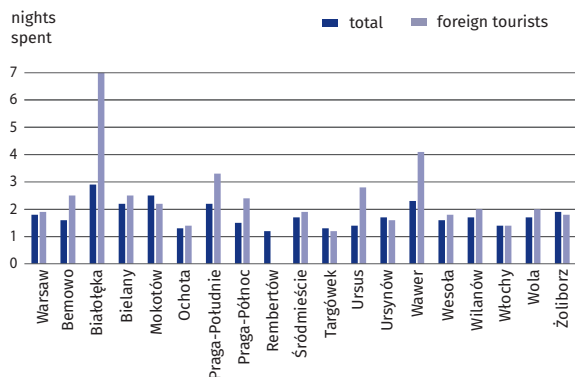


Hotels^a by category in 2020

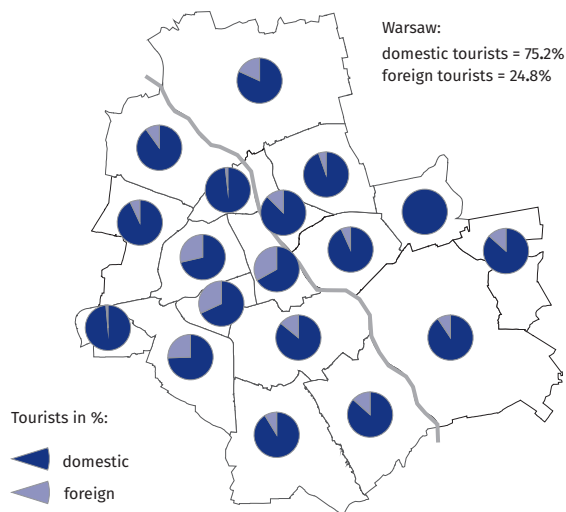


^a As of 31 July.

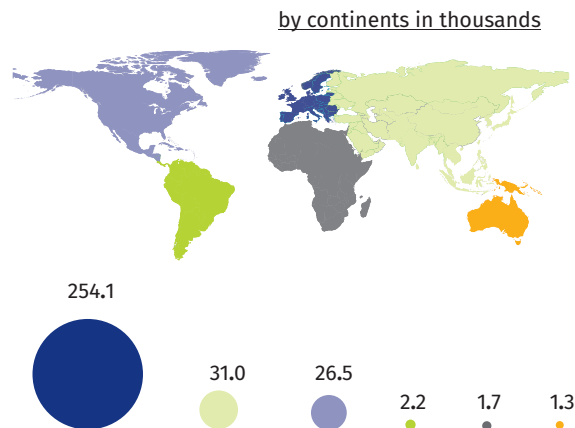
Average length of stay of tourists in tourist accommodation establishments in 2020



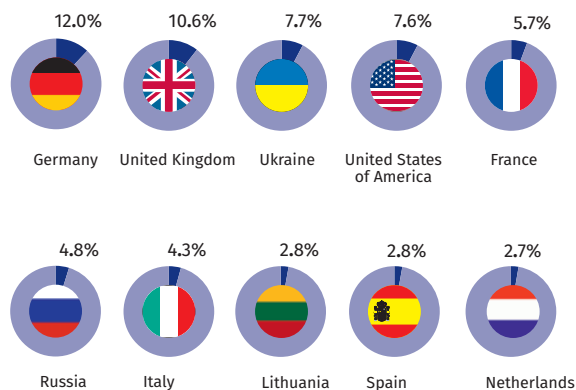
Tourists accommodated in 2020

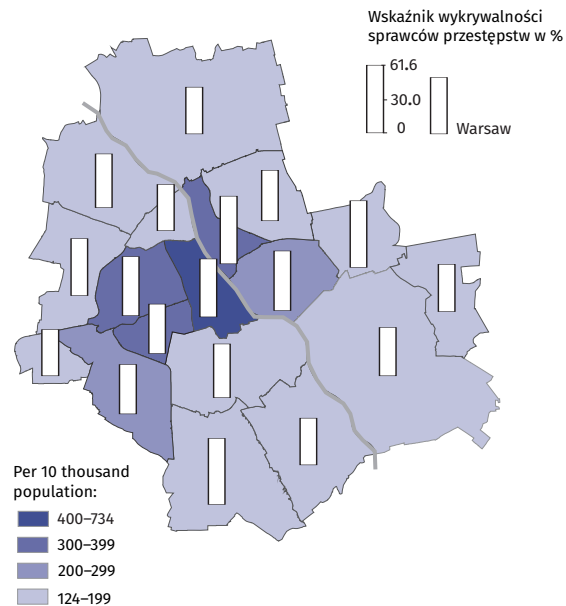


Foreign tourists accommodated in tourist accommodation establishments in 2020



by selected countries in %



Crimes ascertained by the Police^a in 2020

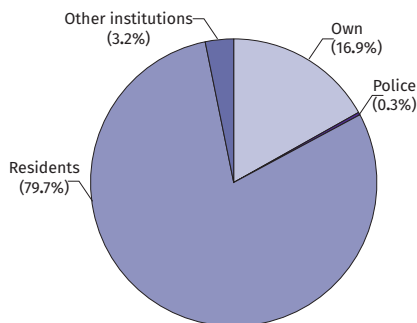
Events recorded by the Municipal Headquarters of the State Fire Service of Warsaw capital city in 2020



	2019	2020
Crimes ascertained by the Police ^a	50387	45754
of which of criminal nature in %	74.3	72.7
Rate of detectability of delinquents in crimes ascertained by the Police ^a in %	49.4	51.5
Notifications to the Municipal Police per 10 thousand population	639251	435036
Fires	4455	3380
Paramedics taking part in rescue operations in case of fires	41028	32082
Fire victims	126	94
of which fatalities	10	13

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

Structure of notifications to the Municipal Police by source of notification in 2020

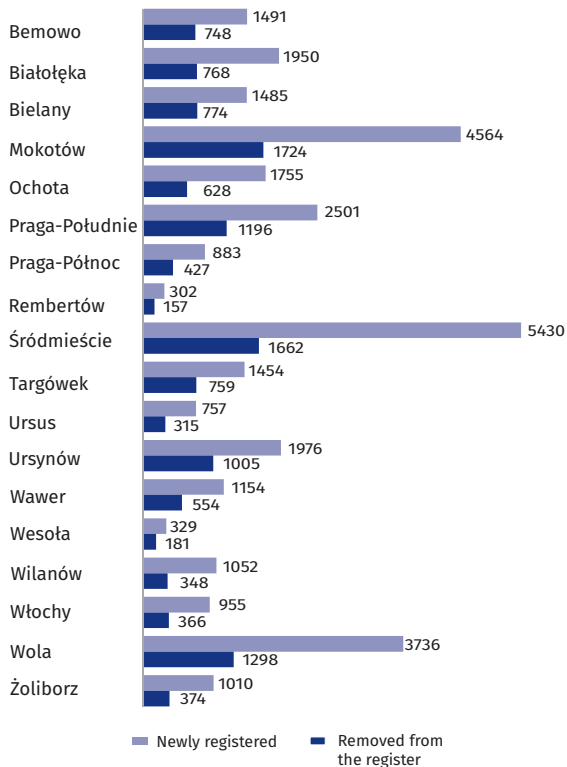


a Natural disasters, catastrophes, accidents, breakdowns and other threats to life and property.

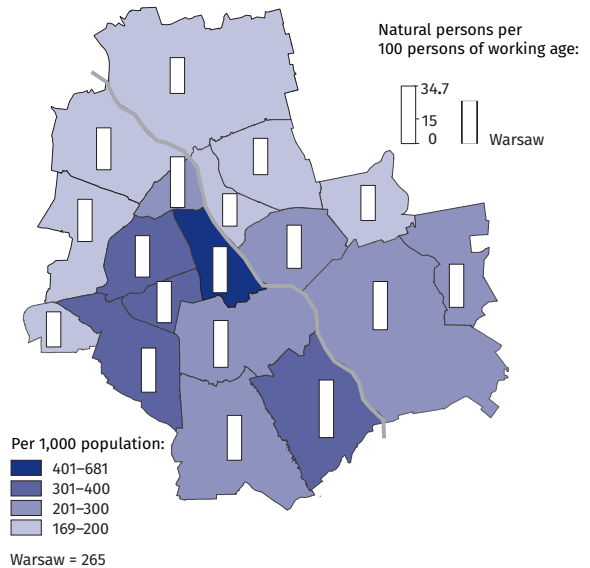
	2019	2020
Entities of the national economy ^a in thousands	456.3	475.3
of which natural persons	253.7	262.3
Newly registered entities in thousands	36.6	32.8
per 1,000 population	20.5	18.3
Entities removed from the register in thousands	14.8	13.5
per 1,000 population	8.3	7.5

a As of 31 December.

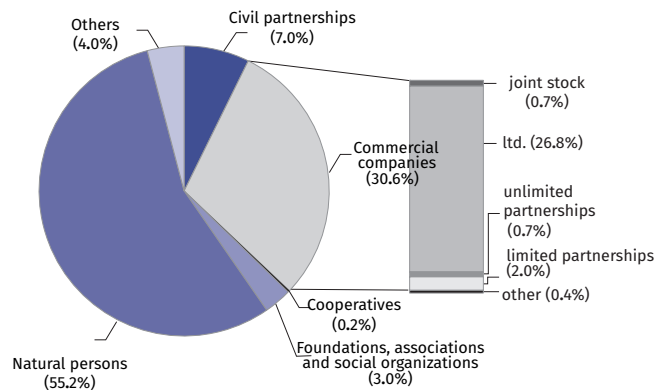
Entities of the national economy in 2020



Entities of the national economy in 2020 As of 31 December



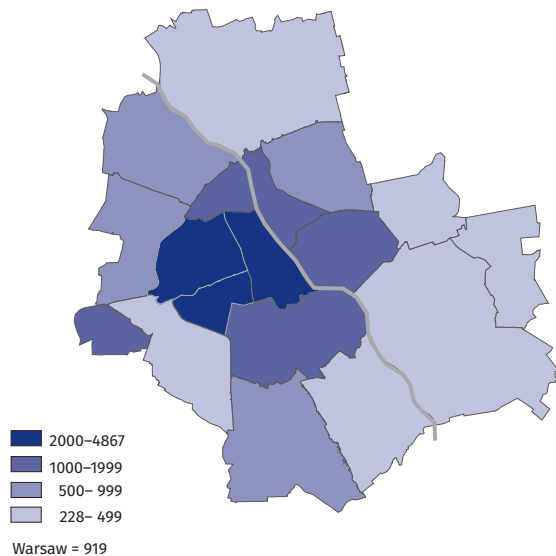
Structure of entities of the national economy^a by legal status in 2020



a As of 31 December.

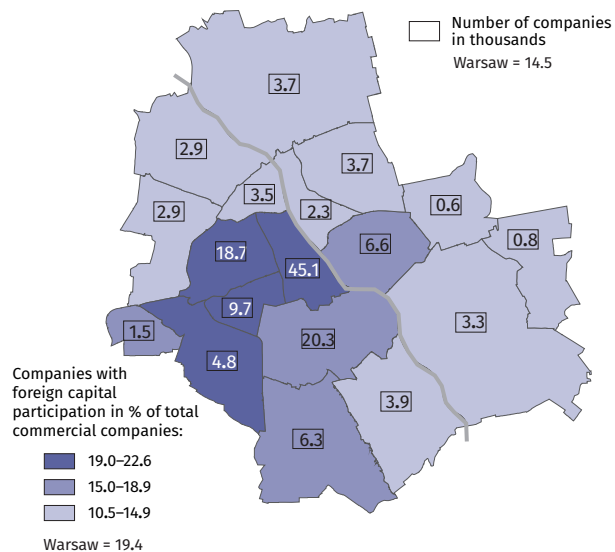
Entities of the national economy per 1 km² in 2020

As of 31 December



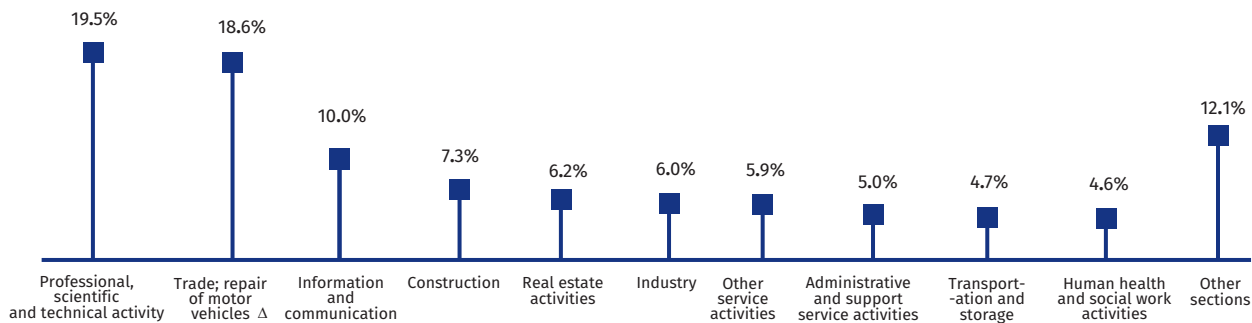
Commercial companies in 2020

As of 31 December



Structure of entities of the national economy by sections in 2020

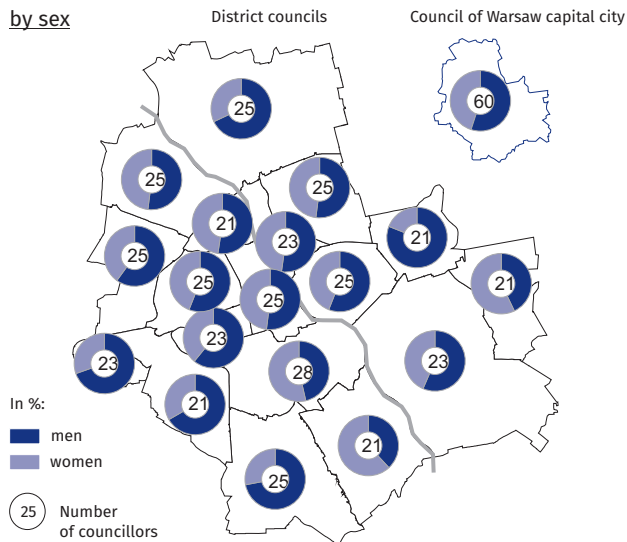
As of 31 December



Councillors of the council of Warsaw capital city and district councils in 2020

As of 31 December

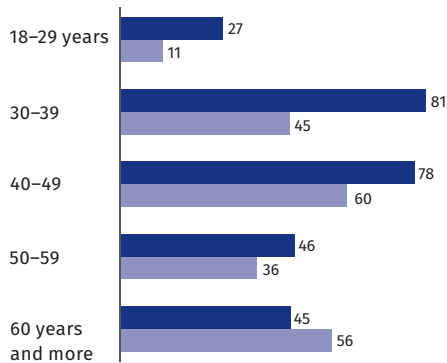
by sex



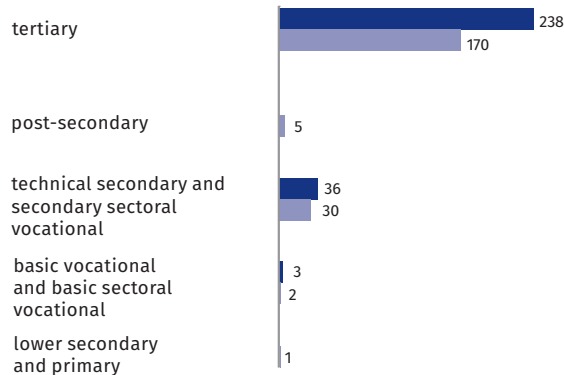
by occupational groups



by age



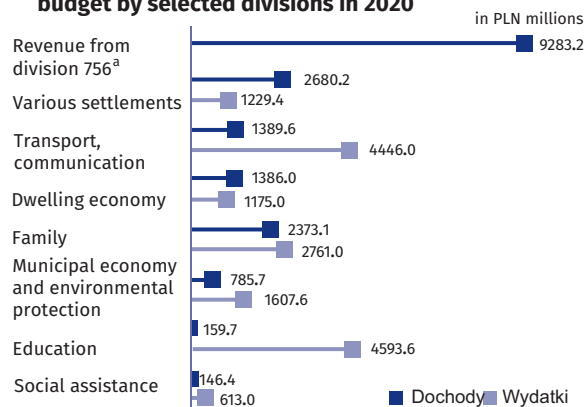
by education



Budget of Warsaw capital city

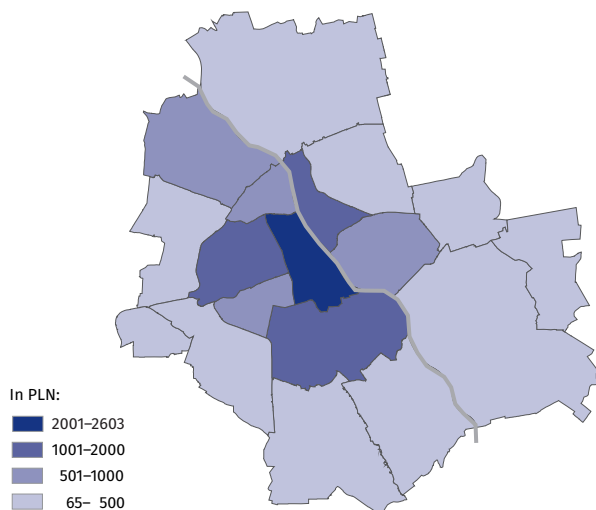
	2019	2020	
	in PLN millions	in percent	
Revenue	18109.4	18557.7	100.0
city part	13017.5	14140.2	76.2
powiat part	2925.3	3105.9	16.7
district part	2166.5	1311.6	7.1
Expenditure	18715.0	20226.2	100.0
city part	8294.3	8783.8	43.4
powiat part	1549.7	1701.4	8.4
district part	8871.1	9741.0	48.2
Surplus (+)/Deficit (-)	-605.6	-1668.5	.

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

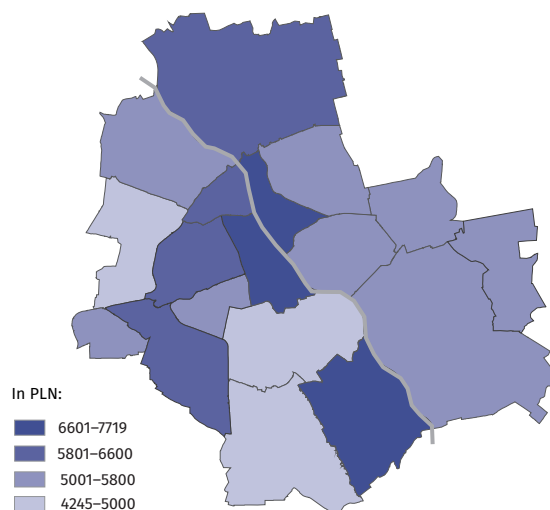


^a Income taxes from legal persons, natural persons and other organizational units without legal personality and expenses associated with their intake.

Revenue of the district part of Warsaw capital city budget per capita in 2020



Expenditure on the district part of Warsaw capital city budget per capita in 2020



places 1–18 place of Warsaw capital city

Natural increase per 1,000 population



Total net migration for permanent residence per 1,000 population



Non-working age population per 100 persons of working age^{ab}



Percentage of foreign students studying at Polish universities^c in %



Employed persons^b per 1,000 population



Registered unemployment rate^{ab} in %



Average monthly gross wages and salaries in PLN



Dwelling stocks^b per 1,000 population



Dwellings completed per 1,000 contracted marriages



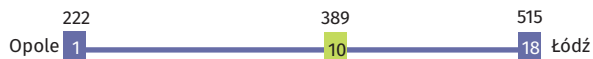
Registered passengers cars^b per 1,000 population



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.

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



Persons who received health services in the place of occurrence by emergency rescue teams^a per 1,000 population



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



Borrowers in public libraries per 1,000 population



Audience in cinemas per 1,000 population



Share of foreign tourists accommodated in tourist accommodation establishments



Entities of the national economy registered in the REGON register per 1,000 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



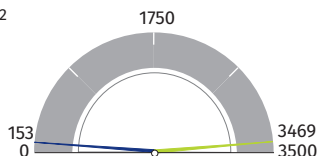
Gas pollutants (excluding CO₂) retained or neutralized in pollutant reduction systems in % of pollutants produced



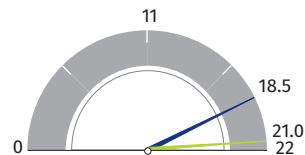
a The lowest value was marked as 1 place, while the highest – as the last place. b As of 31 December.

— Mazowieckie
— Warsaw capital city

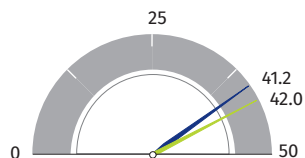
Population per 1 km²



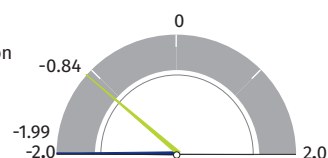
Percentage of persons aged 65 and more (in %)



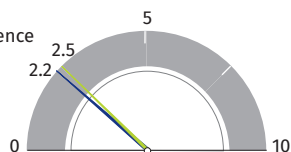
Median age



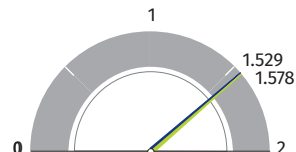
Natural increase per 1000 population



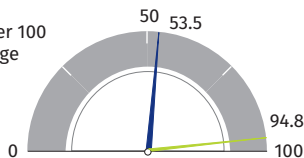
Total net migration for permanent residence per 1,000 population



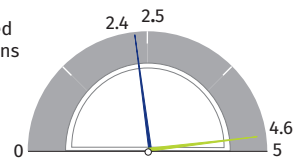
Total fertility rate



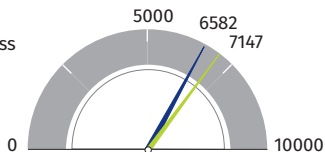
Employed persons per 100 persons of working age



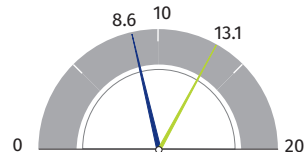
Registered unemployed persons per 100 persons of working age



Average monthly gross wages and salaries in PLN

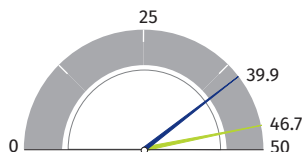


Dwellings completed per 1,000 population

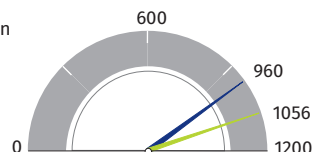


— Mazowieckie
— Warsaw capital city

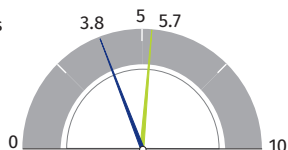
Consumption of water from water supply system in households per capita in m³



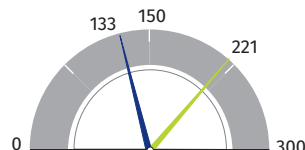
Electricity consumption in households in urban areas per capita in kWh



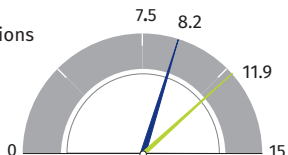
Road traffic accidents per 10 thousand road vehicles and tractors registered



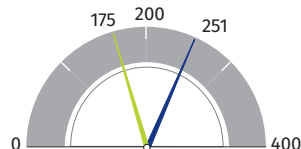
Children up to the age of 3 in nurseries (including wards) and children's clubs per 1,000 children at this age group



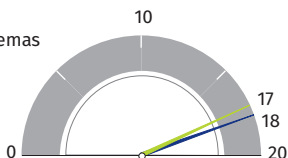
Out-patient consultations per capita



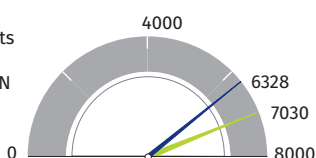
Persons granted social welfare benefits per 10 thousand population



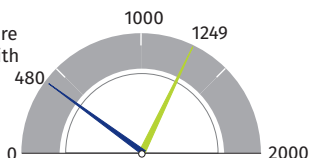
Audience in fixed cinemas per 1 screening



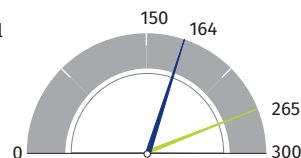
Own revenue of budgets of cities with powiat status per capita in PLN



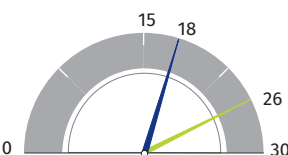
Investment expenditure of budgets of cities with powiat status per capita in PLN



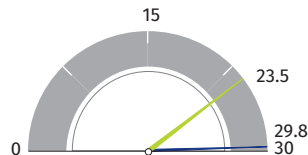
Entities of the national economy per 1,000 population



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 Science and Higher Education – data on higher education
Ministry of Family and Social Policy – data on supporting the family
Ministry of Economic Development 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 Warsaw capital city – 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 – data on the Warsaw capital city budget

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. 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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