

# Gross domestic product in Mazowieckie Voivodship in 2018

23 December 2020

**↑107.2**

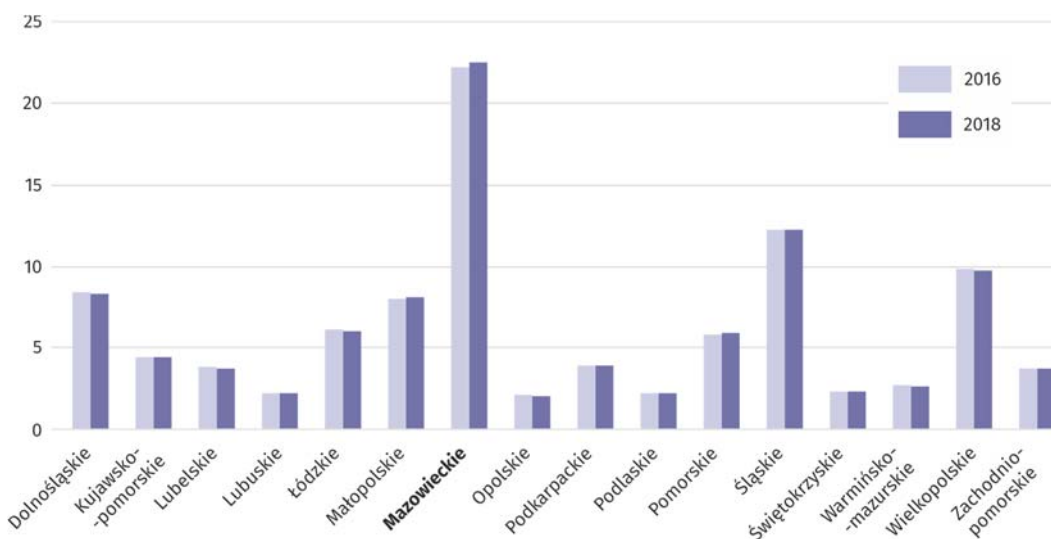
Indices of GDP in 2018 (current prices, previous year=100)

In 2018, the value of gross domestic product generated in Mazowieckie Voivodship amounted to PLN 477 857 million. In comparison with 2017, it was higher in current prices by 7.2%. GDP growth was recorded in all subregions.

Mazowieckie Voivodship is the economically strongest area of the country, in which the largest part of gross domestic product (GDP) is generated, as illustrated by the final result of the activities of all entities of the national economy. In 2018, the share of Mazowieckie Voivodship in generating GDP amounted to 22.5% and was by 0.1 pp higher in relation to 2017 and by 0.3 pp higher than in 2016.

In Mazowieckie Voivodship, over 1/5 of the national GDP value was generated

**Chart 1. Share of voivodships in generating gross domestic product (Poland=100; current prices)**



The value of GDP generated in the voivodship in 2018 amounted to PLN 477 857 million and, as compared to the previous year, was higher in current prices by 7.2% and in constant prices – by 6.4%. With reference to the level of 2016, the real gross domestic product was higher by 12.4%. It was one of the highest GDP growth in the country, 1.9 pp higher than the average. In the years 2016–2018, the average annual growth rate of gross domestic product stood at the level of 6.0% (in constant prices), with the national average of 5.1%. Compared to other voivodships, this was the fastest year-to-year increase in the volume of GDP (ex aequo with Małopolskie Voivodship).

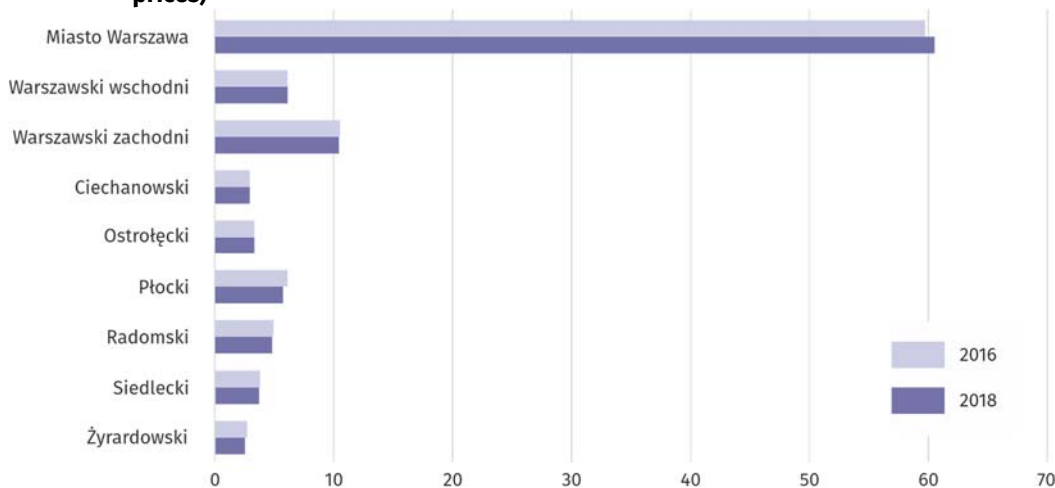
The results of calculations of gross domestic product in the territorial cross-section for the years 2016–2018 indicate clear disproportions in the level of economic development of regions and subregions forming województwo mazowieckie macroregion<sup>1</sup>. In warszawski

<sup>1</sup> Data for the macroregion, regions and subregions correspond to levels 1, 2 and 3 of the Classification of Territorial Units for Statistics (NUTS 2016) in force from 1 January 2018.

stołeczny region, 17.3% of the national GDP was generated, while in mazowiecki regionalny – 5.2%. In 2018, the shares of individual subregions in the generation of the macroregion's GDP ranged from 2.5% (żyrardowski subregion) to 60.5% (Warszawa subregion); in 2016, from 2.7% to 59.7%. The difference between subregions with the largest and the lowest share in generating GDP increased in the discussed period by 0.1 pp (from 57.0 to 58.0 pp). The relation between these subregions deteriorated – while in 2016, the value of GDP generated in Warszawa subregion was 22 times higher than in żyrardowski subregion, two years later it was 24 times higher.

In comparison with 2016, only one subregion increased their share in generating gross domestic product – Warszawa (by 0.8 pp). The shares of five subregions decreased, of which the most of płocki (by 0.4 pp), while the shares of three subregions remained unchanged.

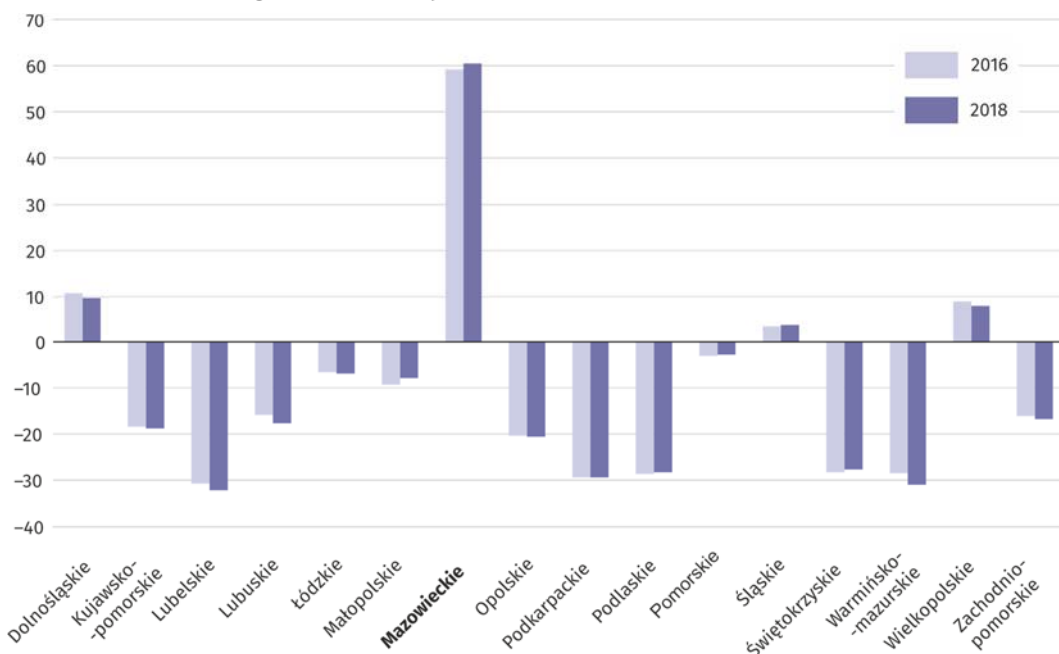
**Chart 2. Share of subregions in generating gross domestic product (macroregion=100; current prices)**



The territorial diversification of the level of economic development is best illustrated by the gross domestic product per capita. In 2018, the average level of this measure for Mazowieckie Voivodship amounted to PLN 88 626 and was higher by 6.9% as compared to the previous year. In real terms, it was higher compared to 2017 by 6.0%, and to 2016 – by 11.6% (in Poland, by 5.4% and 10.5% respectively). Mazowieckie Voivodship has the highest level of this indicator in Poland – in 2018, it exceeded the national average by 60.5% (by PLN 33 396); while in 2017, it was higher by 60.2%, and in 2016 – by 59.2%.

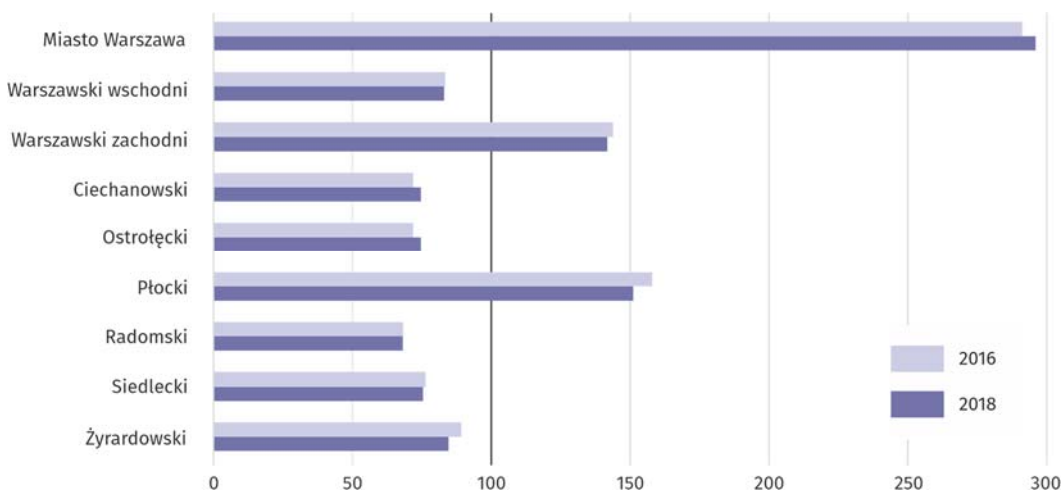
The ratio of GDP per capita to the national average was 160.5%

**Chart 3. Gross domestic product per capita by voivodships (relative deviations from the national average in %; current prices)**



In województwo mazowieckie macroregion, the value of GDP per capita is clearly differentiated in individual subregions – in 2018, this rate ranged from PLN 37 484 in radomski subregion, and to PLN 163 372 in Warszawa. In terms of GDP per capita, Warszawa occupies the first place in Poland, outpacing the national average by 195.8% (in 2016, by 191.1%). In the remaining subregions of the voivodship, the recorded value of GDP per capita spread between 67.9% of the national average (in radomski) and 150.9% (in płocki). The lowest level of GDP per capita recorded in 2018 in radomski subregion, accounted for 22.9% of the level of this measure obtained in the subregion of Warszawa. In 2016, the relation of the subregion with the lowest rate (radomski) to the subregion with the highest rate (Warszawa) was 23.4%. In the analyzed period, there was an increase by 1.3 pp of dispersion rate<sup>2</sup> of GDP per capita calculated at the level of subregions; in 2018, it amounted to 55.4%, while in 2016 – 54.1%.

**Chart 4. Gross domestic product per capita by subregions (Poland=100; current prices)**



The level of GDP per capita above the national average was obtained in 3 subregions

<sup>2</sup> The dispersion rate (measure of variation) of regional GDP per capita was calculated at the level of subregions as the sum of absolute values of differences between values for subregions and macroregional value of GDP per capita, weighted by the share of the population of individual subregions in the macroregion, expressed in percentage of macroregional GDP per capita.

**Table 1. Gross domestic product in the NUTS 2016 statistical division (current prices)**

Specification		Total			Per capita		
		in million PLN	in per-cent	Poland= =100	in PLN	macro-region= =100	Poland= =100
<b>Macroregion województwo mazowieckie</b>	<b>2016</b>	<b>413497</b>	<b>100,0</b>	<b>22,2</b>	<b>77190</b>	<b>100,0</b>	<b>159,2</b>
	<b>2017</b>	<b>445620</b>	<b>100,0</b>	<b>22,4</b>	<b>82943</b>	<b>100,0</b>	<b>160,2</b>
	<b>2018</b>	<b>477857</b>	<b>100,0</b>	<b>22,5</b>	<b>88626</b>	<b>100,0</b>	<b>160,5</b>
Region warszawski stoleczny	2016	315625	76,3	16,9	105264	136,4	217,1
	2017	341304	76,6	17,2	113081	136,3	218,4
	2018	367957	77,0	17,3	120938	136,5	219,0
subregions:							
Warszawa	2016	246894	59,7	13,2	141170	182,9	291,1
	2017	268702	60,3	13,5	152833	184,3	295,1
	2018	289091	60,5	13,6	163372	184,3	295,8
warszawski wschodni	2016	25293	6,1	1,4	40411	52,4	83,3
	2017	27185	6,1	1,4	43066	51,9	83,2
	2018	29133	6,1	1,4	45736	51,6	82,8
warszawski zachodni	2016	43438	10,5	2,3	69658	90,2	143,6
	2017	45417	10,2	2,3	72222	87,1	139,5
	2018	49733	10,4	2,3	78195	88,2	141,6
Region mazowiecki regionalny	2016	97872	23,7	5,3	41499	53,8	85,6
	2017	104315	23,4	5,2	44308	53,4	85,6
	2018	109900	23,0	5,2	46780	52,8	84,7
subregions:							
ciechanowski	2016	11954	2,9	0,6	34829	45,1	71,8
	2017	13355	3,0	0,7	38977	47,0	75,3
	2018	14055	2,9	0,7	41158	46,4	74,5
ostrołęcki	2016	13489	3,3	0,7	34807	45,1	71,8
	2017	14955	3,4	0,8	38624	46,6	74,6
	2018	15868	3,3	0,7	41076	46,3	74,4
płocki	2016	25339	6,1	1,4	76504	99,1	157,8
	2017	25587	5,7	1,3	77474	93,4	149,6
	2018	27439	5,7	1,3	83359	94,1	150,9
radomski	2016	20329	4,9	1,1	33005	42,8	68,1
	2017	21971	4,9	1,1	35775	43,1	69,1
	2018	22960	4,8	1,1	37484	42,3	67,9
siedlecki	2016	15544	3,8	0,8	36939	47,9	76,2
	2017	16744	3,8	0,8	39833	48,0	76,9
	2018	17449	3,7	0,8	41545	46,9	75,2
żyrardowski	2016	11217	2,7	0,6	43183	55,9	89,0
	2017	11703	2,6	0,6	45059	54,3	87,0
	2018	12128	2,5	0,6	46686	52,7	84,5

In the case of quoting data from Statistics Poland, please provide information: "Source of data – Statistics Poland", and in the case of publishing calculations made on data published by Statistics Poland, please provide information: "Own study based on Statistics Poland data".

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[Gross domestic product and gross value added in the regions breakdown in 2018](#)

[Preliminary estimate of gross domestic product in Mazowieckie Voivodship in 2018](#)

**Data available in databases**

[Local Data Bank – Regional accounts](#)

[Knowledge Databases – National accounts](#)

**Terms used in official statistics**

[Gross domestic product](#)

[Regional accounts](#)

