

Gross domestic product in Mazowieckie Voivodship in 2017

23rd December 2019

↑ 107.8

Indices of GDP in 2017
(current prices, previous year=100)

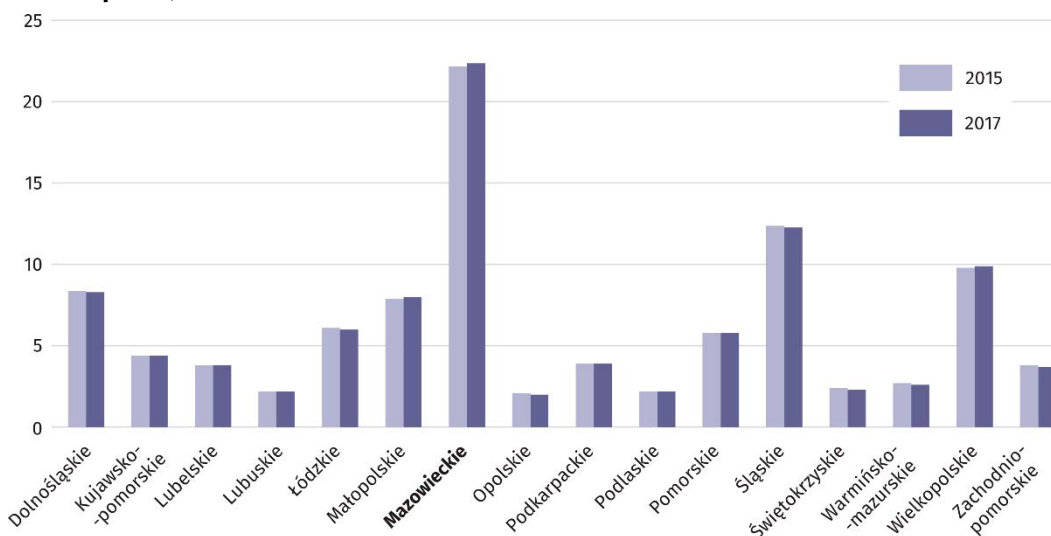
In 2017, the value of gross domestic product generated in Mazowieckie Voivodship amounted to PLN 446 586 million. In comparison with 2016, it was higher in current prices by 7.8%. GDP growth was recorded in all subregions.

Gross domestic product in current prices increased compared to 2016

The 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 2017, the share of Mazowieckie Voivodship in generating GDP amounted to 22.4% and was by 0.1 pp higher in relation to 2016 and by 0.2 pp higher than in 2015.

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 2017 amounted to PLN 446 586 million and, as compared to the previous year, was higher in current prices by 7.8% and in constant prices – by 5.6%. With reference to the level of 2015, the real gross domestic product was higher by 10.0%. It was the highest GDP growth in the country, 1.8 pp higher than the average. In the years 2015–2017, the average annual growth rate of gross domestic product stood at the level of 4.9% (in constant prices), with the national average of 4.0%. Compared to other voivodships, this was one of the fastest increases in the volume of GDP on a year-to-year basis (Małopolskie Voivodship was ranked second with an average annual growth rate at the level of 4.6%).

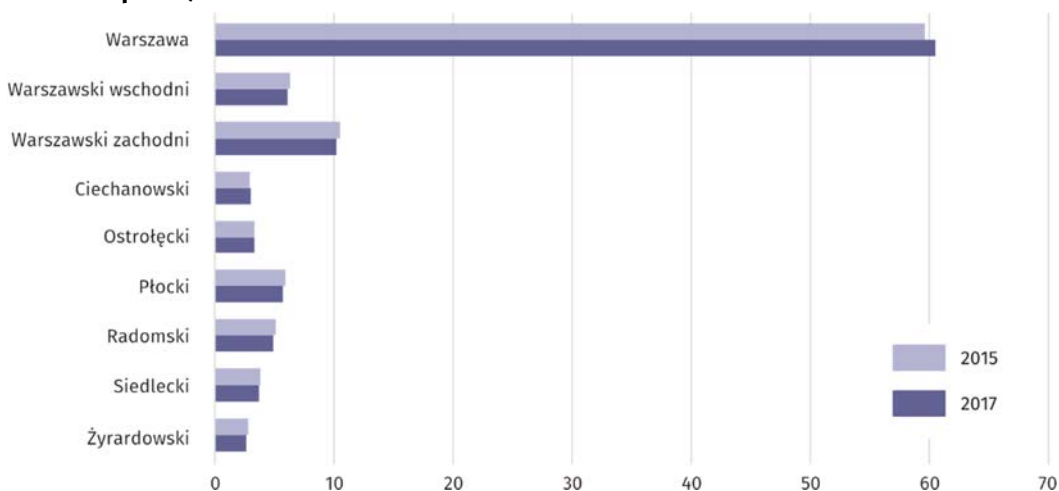
The results of calculations of gross domestic product in the territorial cross-section for the years 2015–2017 indicate clear disproportions in the level of economic development of regions and subregions forming województwo mazowieckie macroregion¹. In warszawski

¹ 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, 17.2% of the national GDP was generated, while in mazowiecki regionalny – 5.2%. In 2017, the shares of individual subregions in the generation of the macroregion's GDP ranged from 2.6% (żyrardowski subregion) to 60.5% (Warszawa subregion); in 2015, from 2.8% to 59.6%. The difference between subregions with the largest and the lowest share in generating GDP increased in the discussed period by 0.1 pp (from 56.8 to 57.9 pp). The relation between these subregions deteriorated – while in 2015 the value of GDP generated in Warszawa subregion was 22 times higher than in żyrardowski subregion, two years later it was 23 times higher.

In comparison with 2015, two subregions increased their share in generating gross domestic product – Warszawa (by 0.9 pp) and ciechanowski (by 0.1 pp). The shares of six subregions decreased, of which the most warszawski zachodni (by 0.3 pp), while the share of one subregion – ostrołęcki - remained unchanged.

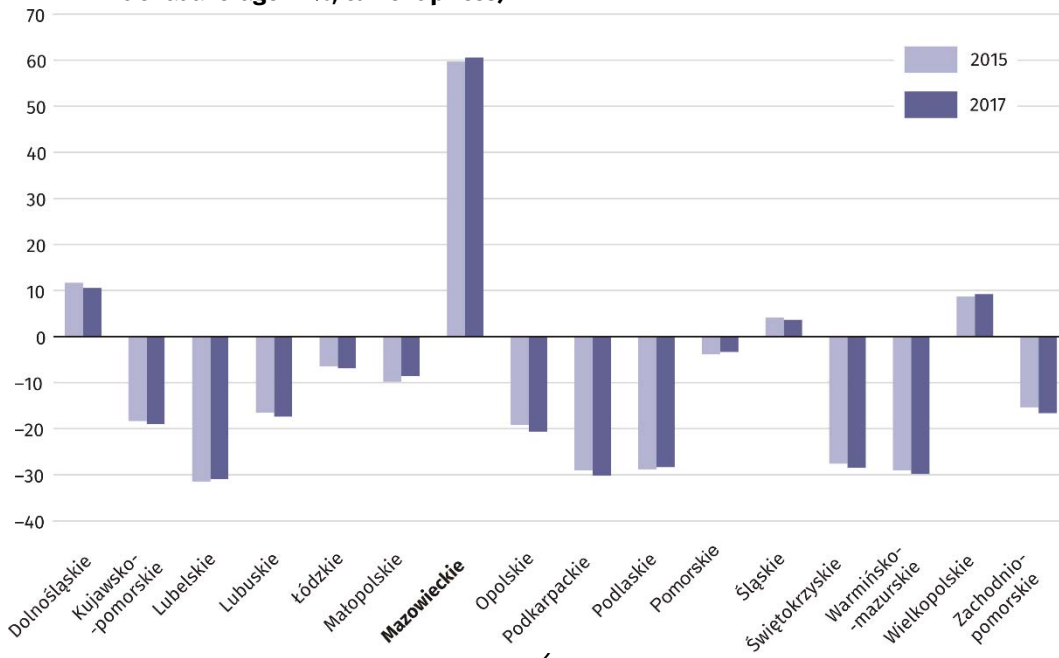
Chart 2. Share of subregions in generating gross domestic product (macroregion=100; current prices)



The territorial diversification of the level of economic development is best illustrated by the gross domestic product per capita. In 2017, the average level of this measure for Mazowieckie Voivodship amounted to PLN 83.123 and was higher by 7.4% as compared to the previous year. In real terms, it was higher compared to 2016 by 5.3%, and to 2015 – by 9.4% (in Poland, by 5.0% and 8.3% respectively). Mazowieckie Voivodship has the highest level of this indicator in Poland – in 2017 it exceeded the national average by 60.5% (by PLN 31.347); while in 2016 it was higher by 59.7%, and in 2015 – by 59.6%.

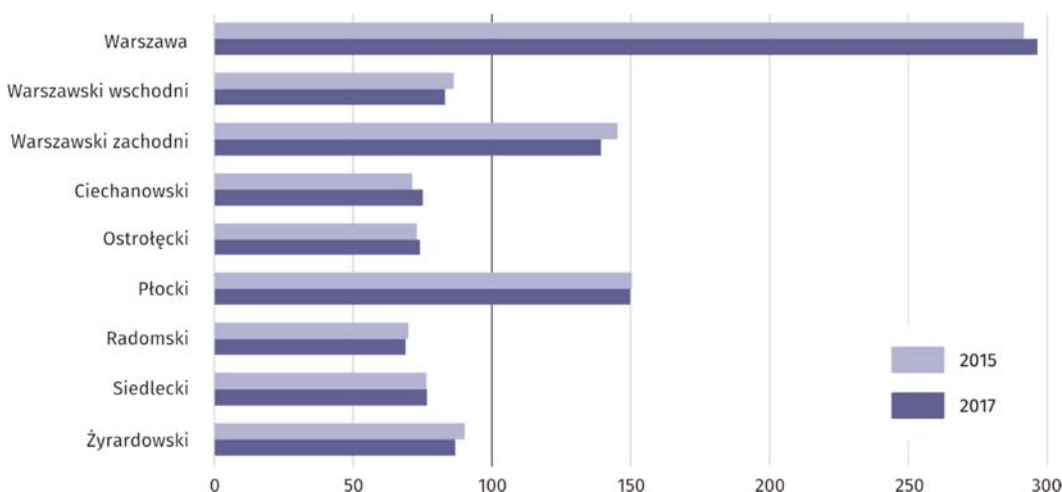
The ratio of GDP per capita to the national average was 160.5%

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



In the macroregion Mazowieckie Voivodship, the value of GDP per capita is clearly differentiated in individual subregions – in 2017, this rate ranged from PLN 35.670 in radomski subregion, and to PLN 153.550 in Warszawa. In terms of GDP per capita, the city of Warszawa occupies the first place in Poland, outpacing the national average by 196.6% (in 2015 by 191.9%). In the remaining subregions of the voivodship, the recorded value of GDP per capita spread between 68.9% of the national average (in radomski) and 149.9% (in płocki). The lowest level of GDP per capita recorded in 2017 in radomski subregion accounted for 23.2% of the level of this measure obtained in the subregion of Warszawa. In 2015, the relation of the subregion with the lowest rate (radomski) to the subregion with the highest rate (Warszawa) was 24.0%. In the analyzed period there was an increase by 1.5 pp of dispersion rate² of GDP per capita calculated at the level of subregions; in 2017 it amounted to 55.5%, while in 2015 – 54.0%.

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

² 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 milion PLN	in per-cent	Poland= =100	in PLN	macro-region= =100	Poland= =100
Macroregion Mazowieckie Voivodship	2015	399162	100,0	22,2	74738	100,0	159,6
	2016	414404	100,0	22,3	77360	100,0	159,7
	2017	446586	100,0	22,4	83123	100,0	160,5
Warszawski stołeczny region	2015	304742	76,3	16,9	102362	137,0	218,7
	2016	316990	76,5	17,0	105720	136,7	218,3
	2017	342517	76,7	17,2	113482	136,5	219,2
subregions:							
Warszawa	2015	237710	59,6	13,2	136648	182,8	291,9
	2016	248246	59,9	13,3	141943	183,5	293,1
	2017	269964	60,5	13,6	153550	184,7	296,6
warszawski wschodni	2015	25050	6,3	1,4	40385	54,0	86,3
	2016	25332	6,1	1,4	40473	52,3	83,6
	2017	27170	6,1	1,4	43043	51,8	83,1
warszawski zachodni	2015	41981	10,5	2,3	68017	91,0	145,3
	2016	43413	10,5	2,3	69618	90,0	143,7
	2017	45383	10,2	2,3	72167	86,8	139,4
Mazowiecki regionalny region	2015	94420	23,7	5,2	39946	53,4	85,3
	2016	97414	23,5	5,2	41304	53,4	85,3
	2017	104069	23,3	5,2	44203	53,2	85,4
subregions:							
ciechanowski	2015	11482	2,9	0,6	33395	44,7	71,3
	2016	11887	2,9	0,6	34635	44,8	71,5
	2017	13322	3,0	0,7	38883	46,8	75,1
ostrotęcki	2015	13253	3,3	0,7	34112	45,6	72,9
	2016	13375	3,2	0,7	34513	44,6	71,3
	2017	14873	3,3	0,7	38413	46,2	74,2
płocki	2015	23411	5,9	1,3	70477	94,3	150,5
	2016	25324	6,1	1,4	76459	98,8	157,9
	2017	25634	5,7	1,3	77615	93,4	149,9
radomski	2015	20251	5,1	1,1	32778	43,9	70,0
	2016	20221	4,9	1,1	32830	42,4	67,8
	2017	21907	4,9	1,1	35670	42,9	68,9
siedlecki	2015	15044	3,8	0,8	35719	47,8	76,3
	2016	15433	3,7	0,8	36678	47,4	75,7
	2017	16665	3,7	0,8	39645	47,7	76,6
żyrardowski	2015	10979	2,8	0,6	42196	56,5	90,1
	2016	11173	2,7	0,6	43014	55,6	88,8
	2017	11668	2,6	0,6	44922	54,0	86,8

Prepared by:

**Mazovian Centre for Regional Surveys
Statistical Office in Warszawa
Iwona Cieciora**
Tel.: +48 362 21 01 w. 351
e-mail: i.cieciora@stat.gov.pl

Issued by:

**Statistical Information Centre
Marcin Kałuski**
Tel.: +48 22 464 20 91
e-mail: m.kaluski@stat.gov.pl

Press office

Tel.: +48 22 464 20 91

e-mail: m.kaluski@stat.gov.pl



warszawa.stat.gov.pl/en



[@Warszawa_STAT](https://twitter.com/Warszawa_STAT)

Related information

[Statistical requirements compendium – national accounts](#)

[Gross Domestic Product – Regional accounts in the years 2015–2017](#)

[Gross domestic product and gross value added by regions in 2017](#)

[Preliminary estimate of gross domestic product in Mazowieckie Voivodship in 2017](#)

Data available in databases

[Local Data Bank – Regional accounts](#)

[Knowledge Databases – National accounts](#)

Terms used in official statistics

[Gross domestic product](#)

[Regional accounts](#)

