

Gross domestic product in Mazowieckie voivodship in 2016

21.12.2018

↑ 103.8

Indices of GDP in 2016
(current prices, previous year=100)

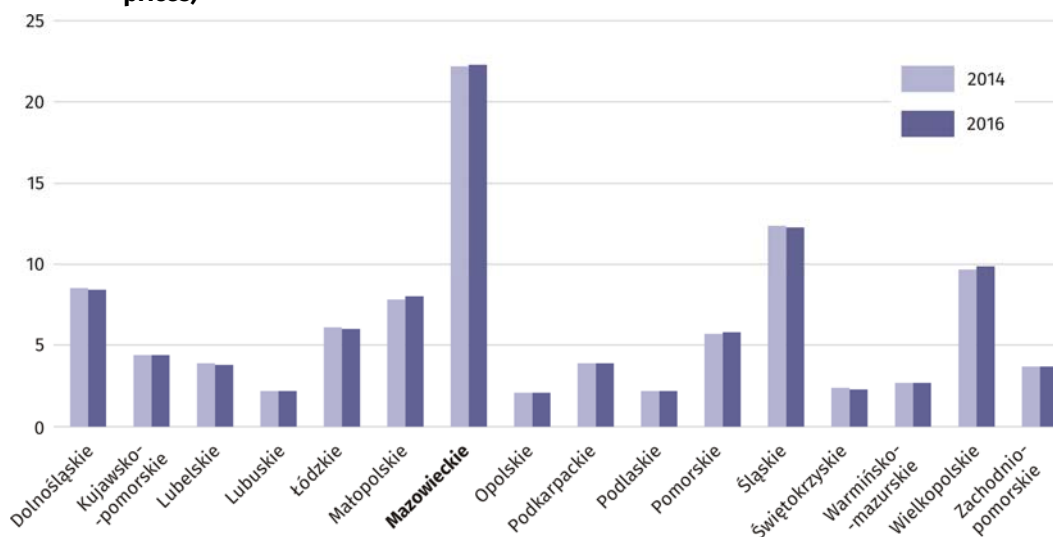
In 2016, the value of gross domestic product generated in Mazowieckie voivodship amounted to PLN 414,401 mln. In comparison with 2015, it was higher in current prices by 3.8%. GDP growth was recorded in all subregions except radomski.

Gross domestic product in current prices increased compared to 2015

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 2016, the share of Mazowieckie voivodship in generating GDP amounted to 22.3% and was by 0.1 pp higher in relation to both 2015 and 2014.

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

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



The value of GDP generated in the voivodship in 2016 amounted to PLN 414,401 mln and, as compared to the previous year, was higher in current prices by 3.8% and in constant prices – by 4.2%. With reference to the level of 2014, the real gross domestic product was higher by 8.6% (in the country by 7.0%); higher increase was recorded only in Pomorskie Voivodship – by 9.9%. In the years 2014–2016, the average annual growth rate of gross domestic product stood at the level of 4.2% (in constant prices), with the national average of 3.4%. In comparison with other voivodships, this was one of the fastest increases in the volume of GDP on a year-to-year basis (the second place after Pomorskie voivodship with the average annual growth rate at the level of 4.8%).

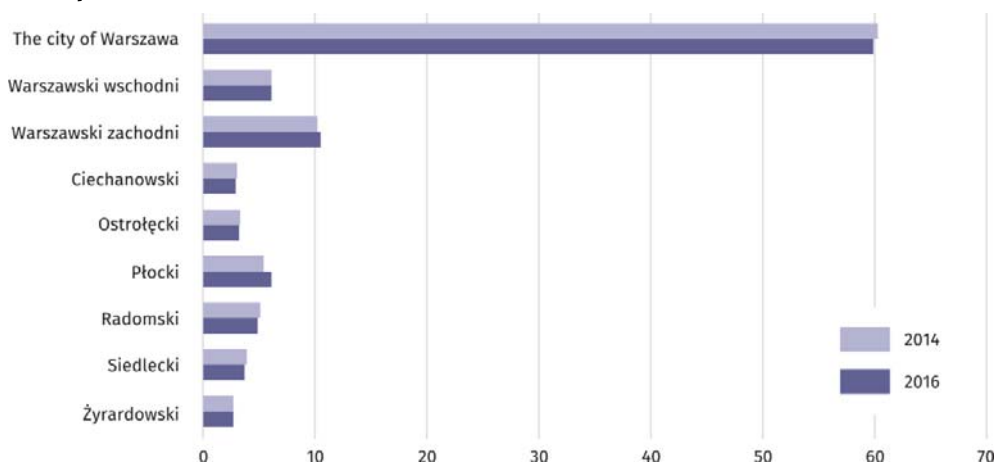
The results of calculations of gross domestic product in the territorial cross-section for the years 2014–2016 indicate clear disproportions in the level of economic development of regions and subregions forming the macroregion of Mazowieckie voivodship¹. In Warszawski

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, 17.0% of the national GDP was generated, while in Mazowiecki regionalny – 5.2%. In 2016, the shares of individual subregions in the generation of the macroregion's GDP ranged from 2.7% (żyrardowski subregion) to 59.9% (the subregion city of Warszawa); in 2014, from 2.7% to 60.3%. The difference between subregions with the largest and the lowest share in generating GDP decreased in the discussed period by 0.4 pp (from 57.6 to 57.2 pp). The relation between these subregions has hardly changed – both in 2014 and two years later, the value of GDP generated in the subregion city of Warszawa was about 22–23 times higher than in żyrardowski subregion.

In comparison with 2014, two subregions increased their share in generating gross domestic product, namely, płocki (by 0.7 pp) and warszawski zachodni (by 0.3 pp). The shares of the five subregions decreased, of which the most the city of Warszawa (by 0.4 pp), while the shares of two subregions – warszawski wschodni and żyrardowski - remained unchanged.

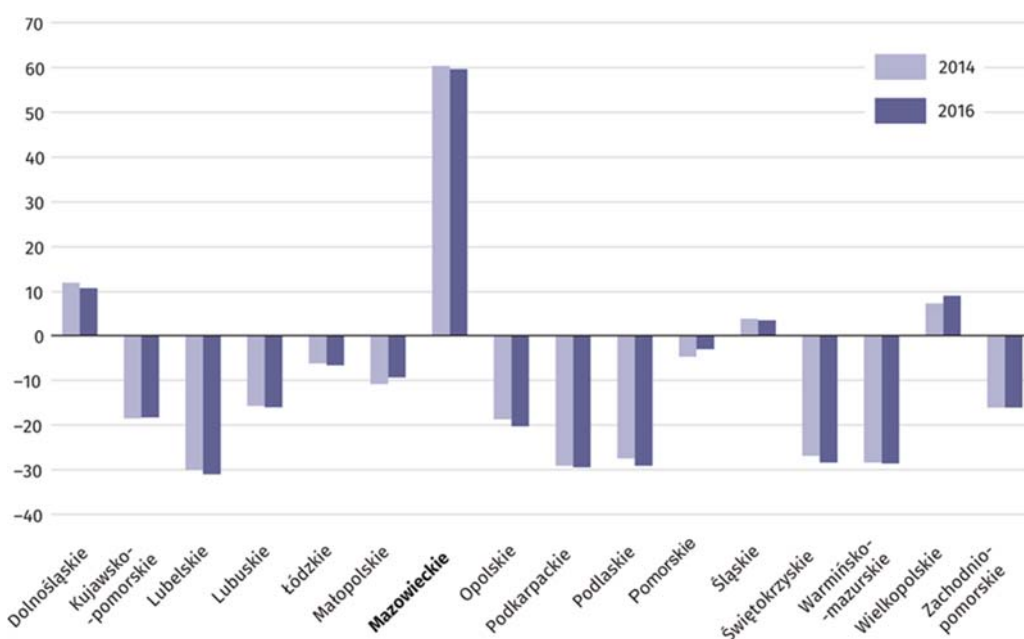
Figure 2. Share of subregions in generating gross domestic product (macroregion=100; current prices)



The territorial diversification of the level of economic development is best illustrated by the gross domestic product per capita. In 2016, the average level of this measure for Mazowieckie voivodship amounted to PLN 77,359 and was higher by 3.5% as compared to the previous year. In real terms, it was higher in 2015 by 3.9%, and in 2014 – by 8.0% (in Poland, by 3.1% and 7.1% respectively). Mazowieckie voivodship has the highest level of this indicator in Poland – in 2016 it exceeded the national average by 59.7% (by PLN 2,927); while in 2015 it was higher by 59.6%, and in 2014 – by 60.4%.

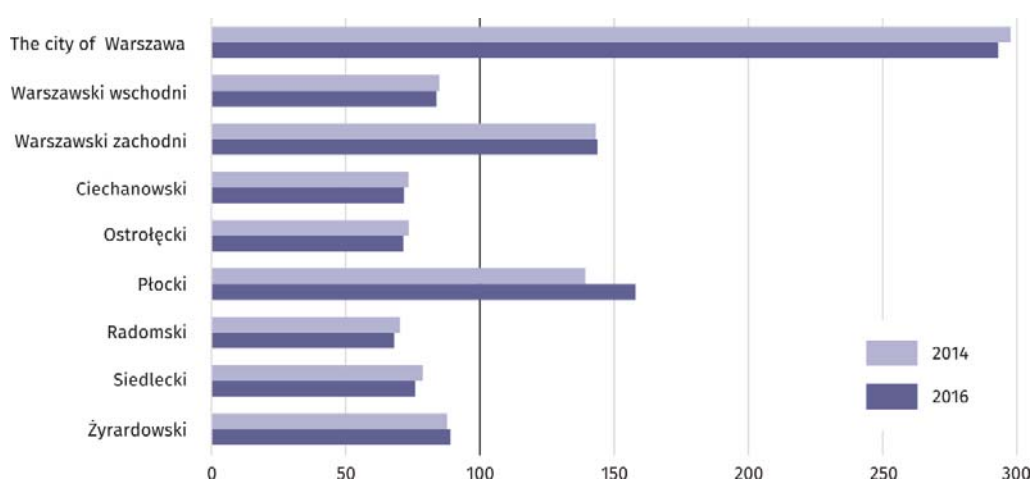
The ratio of GDP per capita to the national average was 159.7%

Figure 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 2016, this rate ranged from PLN 32,830 in the case of radomski subregion, and to PLN 14,141 in the case of the city of Warszawa. In terms of GDP per capita, the city of Warszawa occupies the first place in Poland, outpacing the national average by 193.1%. In the remaining subregions of the voivodship, the recorded value of GDP per capita spread between 67.8% of the national average (radomski) and 157.9% (płocki). The lowest level of GDP per capita recorded in 2016 in radomski subregion accounted for 23.1% of the level of this measure obtained in the subregion city of Warszawa. In 2014, the relation of the subregion with the lowest rate (radomski) to the subregion with the highest rate (the city of Warszawa) was 23.5%. In the analyzed period there was a decrease by 1.1 pp of dispersion rate² of GDP per capita calculated at the level of subregions; in 2016 it amounted to 54.5%, while in 2014 – 55.6%.

Figure 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 mln PLN	in per-cent	Poland= =100	in PLN	macro-region= =100	Poland= =100
Mazowieckie voivodship macroregion	2014	381850	100,0	22,2	71715	x	160,4
	2015	399162	100,0	22,2	74738	x	159,6
	2016	414401	100,0	22,3	77359	x	159,7
Warszawski stoleczny region	2014	292645	76,6	17,0	99027	138,1	221,5
	2015	304742	76,3	16,9	102362	137,0	218,7
	2016	316987	76,5	17,0	105719	136,7	218,3
subregions:							
the city of Warszawa	2014	230234	60,3	13,4	133151	185,7	297,8
	2015	237710	59,6	13,2	136648	182,8	291,9
	2016	248242	59,9	13,3	141941	183,5	293,1
warszawski wschodni	2014	23322	6,1	1,4	37915	52,9	84,8
	2015	25050	6,3	1,4	40385	54,0	86,3
	2016	25332	6,1	1,4	40473	52,3	83,6
warszawski zachodni	2014	39089	10,2	2,3	63977	89,2	143,1
	2015	41981	10,5	2,3	68017	91,0	145,3
	2016	43413	10,5	2,3	69618	90,0	143,7
Mazowiecki regionalny region	2014	89206	23,4	5,2	37650	52,5	84,2
	2015	94420	23,7	5,2	39946	53,4	85,3
	2016	97414	23,5	5,2	41304	53,4	85,3
subregions:							
ciechanowski	2014	11273	3,0	0,7	32709	45,6	73,2
	2015	11482	2,9	0,6	33395	44,7	71,3
	2016	11887	2,9	0,6	34635	44,8	71,5
ostrołęcki	2014	12763	3,3	0,7	32783	45,7	73,3
	2015	13253	3,3	0,7	34112	45,6	72,9
	2016	13375	3,2	0,7	34513	44,6	71,3
płocki	2014	20741	5,4	1,2	62249	86,8	139,2
	2015	23411	5,9	1,3	70477	94,3	150,5
	2016	25324	6,1	1,4	76459	98,8	157,9
radomski	2014	19417	5,1	1,1	31313	43,7	70,0
	2015	20251	5,1	1,1	32778	43,9	70,0
	2016	20221	4,9	1,1	32830	42,4	67,8
siedlecki	2014	14819	3,9	0,9	35127	49,0	78,6
	2015	15044	3,8	0,8	35719	47,8	76,3
	2016	15433	3,7	0,8	36678	47,4	75,7
żyrardowski	2014	10193	2,7	0,6	39171	54,6	87,6
	2015	10979	2,8	0,6	42196	56,5	90,1
	2016	11173	2,7	0,6	43014	55,6	88,8

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Related information

[Statistical requirements compendium – National accounts](#)

[Gross domestic product – Regional accounts in 2015](#)

[Preliminary estimate of gross domestic product in Mazowieckie voivodship in 2016](#)

Data available in databases

[Local Data Bank – Regional accounts](#)

[Knowledge Databases – National accounts](#)

Terms used in official statistics

[Gross domestic product](#)

[Regional accounts](#)