

Gross domestic product in Mazowieckie Voivodship in 2021

21 December 2023

↑ 110.8

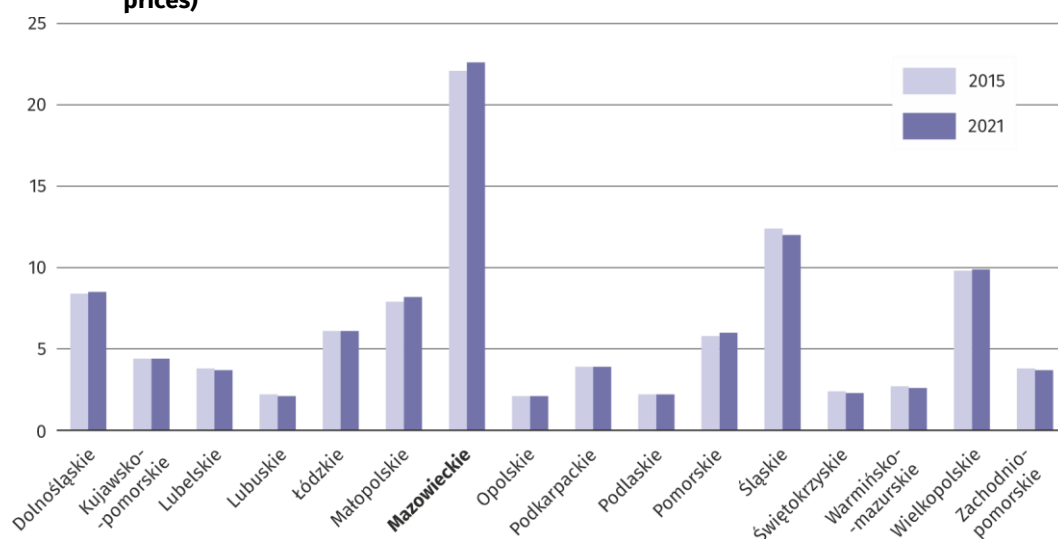
Indices of GDP in 2021
(current prices, previous year=100)

In 2021, the value of gross domestic product generated in Mazowieckie Voivodship amounted to PLN 593 814 million. In comparison with 2020, it was higher in current prices by 10.8%. 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 2021, the share of Mazowieckie Voivodship in generating GDP amounted to 22.6% and was by 0.3 pp smaller in relation to 2020 and by 0.5 pp larger than in 2015.

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

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



The value of GDP generated in the voivodship in 2021 amounted to PLN 593 814 million and, as compared to the previous year, was higher in current prices by 10.8% and in constant prices – by 5.0%. The real growth was by 1.9 pp smaller than the country average. Compared to other voivodships, Mazowieckie took 16th (i.e. last) place in terms of the largest increase in GDP volume).

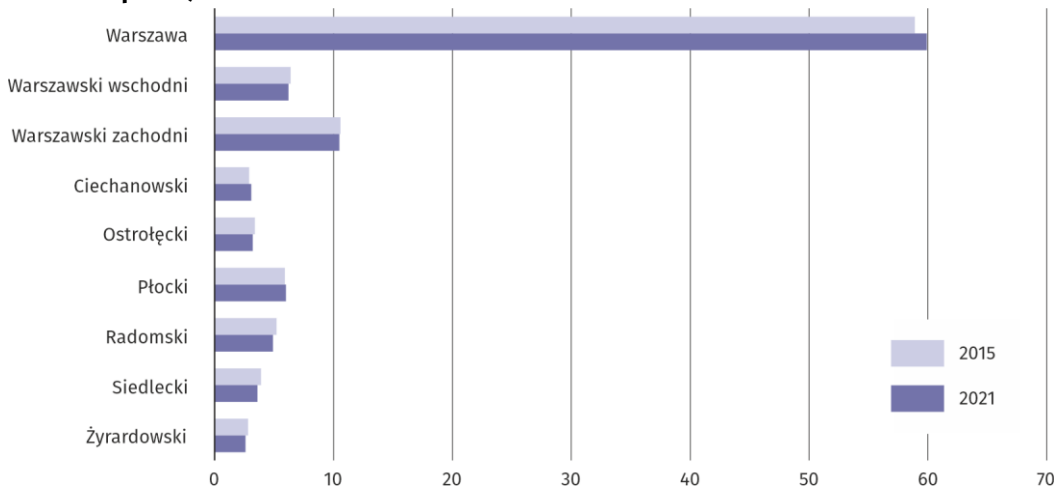
The results of calculations of gross domestic product in the territorial cross-section for the years 2015–2021 indicate clear disproportions in the level of economic development of regions and subregions forming województwo mazowieckie macroregion¹. In 2021, region warszawski stołeczny generated 17.3% of the national GDP, while region mazowiecki regionalny –

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.

5.3%. The shares of individual subregions in generating the macroregion's GDP ranged from 2.6% (żyrardowski subregion) to 59.9% (Warszawa subregion); in 2015, from 2.8% to 58.9%. The gap between the subregions with the largest and the lowest share in generating GDP increased in the discussed period by 1.2 pp (from 56.1 to 57.3 pp). The relation between these subregions deteriorated – while in 2015, the value of GDP generated in Warszawa subregion was 21 times higher than in żyrardowski subregion, six years later it was 23 times higher.

In comparison with 2015, three subregions increased their share in generating gross domestic product, with Warszawa the most (by 1.0 pp). The shares of six subregions decreased, of which radomski and siedlecki the most (by 0.3 pp each).

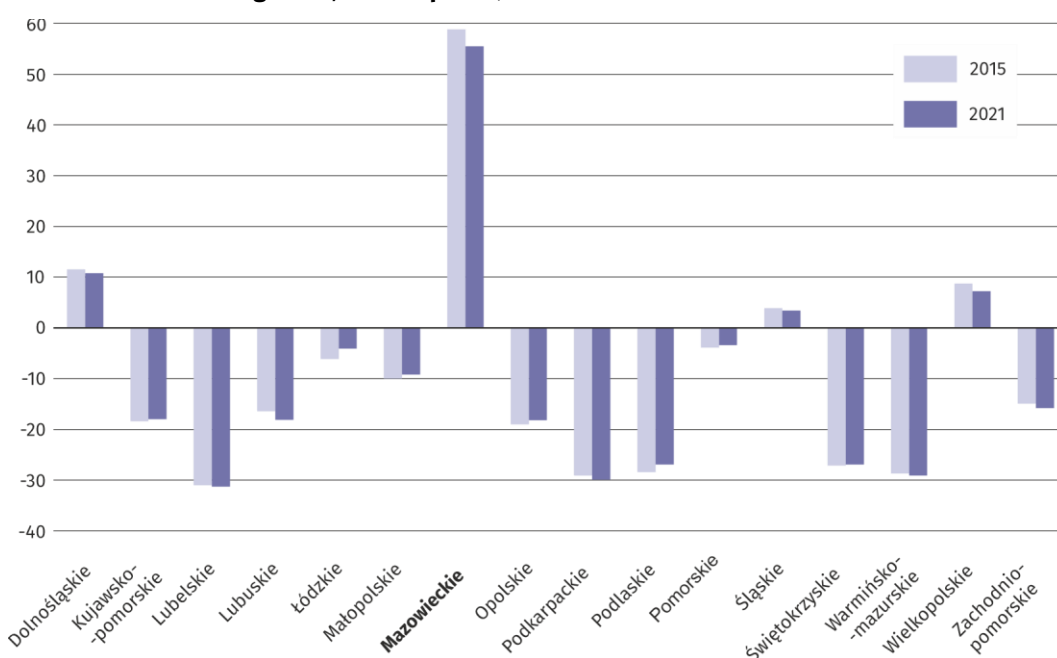
Chart 2. Share of subregions in generating gross domestic product (macroregion=100; current prices)



The territorial diversification of the level of economic development is best illustrated by the gross domestic product per capita. In 2021, the average level of this measure for Mazowieckie Voivodship amounted to PLN 107 711 and was higher by 10.9% as compared to the previous year. In real terms, it was higher compared to 2020 by 5.1% (in Poland, by 7.5%). Mazowieckie Voivodship has the highest level of this indicator in Poland – in 2021, it exceeded the national average by 55.5% (by PLN 38 448); in 2020, it was higher by 58.6%, and in 2015 – by 58.8%.

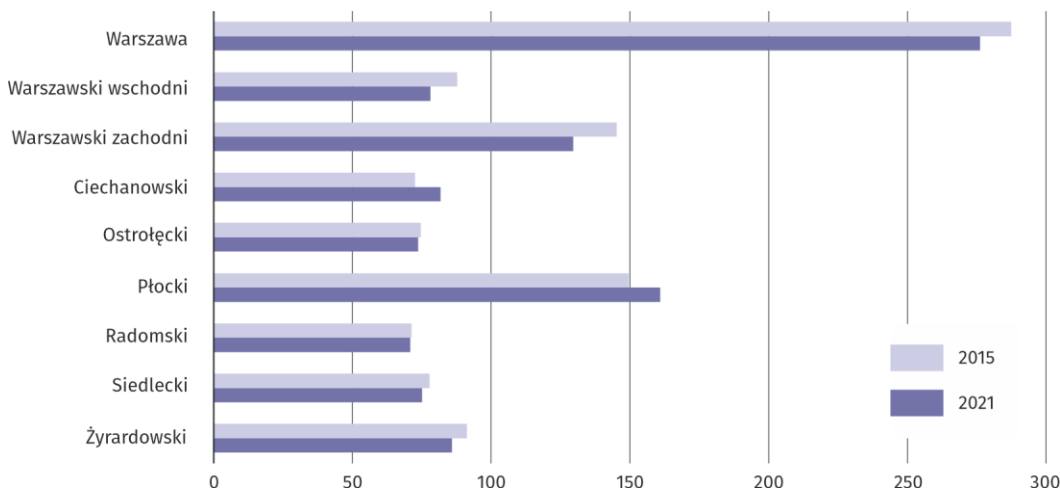
The ratio of GDP per capita to the national average was 155.5%

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 2021, this rate ranged from PLN 49 111 in radomski subregion, and to PLN 191 318 in Warszawa. In terms of GDP per capita, Warszawa occupies the first place in Poland, outpacing the national average by 176.2% (in 2015, by 187.4%). In the remaining subregions of the Voivodship, the recorded value of GDP per capita spread between 70.9% of the national average (in radomski) and 161.0% (in płocki). The lowest level of GDP per capita recorded in 2021 in radomski subregion, accounted for 25.7% of the level of this measure obtained in the subregion of Warszawa. In 2015, the relation of the subregion with the lowest rate (radomski as well) to the subregion with the highest rate (Warszawa) was 24.8%. In the analysed period, there was an increase by 0.1 pp of dispersion rate² of GDP per capita calculated at the level of subregions; in 2021, it amounted to 52.8%, while in 2015 – 52.7%.

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

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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 | 396696 | 100,0 | 22,1 | 74276 | 100,0 | 158,8 |
| | 2020 | 536016 | 100,0 | 22,9 | 97093 | 100,0 | 158,6 |
| | 2021 | 593814 | 100,0 | 22,6 | 107711 | 100,0 | 155,5 |
| Region warszawski sto- łeczny | 2015 | 301204 | 75,9 | 16,7 | 101174 | 136,2 | 216,3 |
| | 2020 | 414048 | 77,2 | 17,7 | 128118 | 132,0 | 209,2 |
| | 2021 | 455370 | 76,7 | 17,3 | 140534 | 130,5 | 202,9 |
| subregions: | | | | | | | |
| Warszawa | 2015 | 233814 | 58,9 | 13,0 | 134408 | 181,0 | 287,4 |
| | 2020 | 323632 | 60,4 | 13,8 | 173885 | 179,1 | 284,0 |
| | 2021 | 355891 | 59,9 | 13,5 | 191318 | 177,6 | 276,2 |
| warszawski wschodni | 2015 | 25458 | 6,4 | 1,4 | 41041 | 55,3 | 87,8 |
| | 2020 | 33518 | 6,3 | 1,4 | 49405 | 50,9 | 80,7 |
| | 2021 | 36907 | 6,2 | 1,4 | 54093 | 50,2 | 78,1 |
| warszawski zachodni | 2015 | 41933 | 10,6 | 2,3 | 67939 | 91,5 | 145,3 |
| | 2020 | 56898 | 10,6 | 2,4 | 82205 | 84,7 | 134,3 |
| | 2021 | 62572 | 10,5 | 2,4 | 89672 | 83,3 | 129,5 |
| Region mazowiecki regio- nalny | 2015 | 95491 | 24,1 | 5,3 | 40399 | 54,4 | 86,4 |
| | 2020 | 121968 | 22,8 | 5,2 | 53288 | 54,9 | 87,0 |
| | 2021 | 138444 | 23,3 | 5,3 | 60915 | 56,6 | 87,9 |
| subregions: | | | | | | | |
| ciechanowski | 2015 | 11675 | 2,9 | 0,6 | 33955 | 45,7 | 72,6 |
| | 2020 | 16599 | 3,1 | 0,7 | 50081 | 51,6 | 81,8 |
| | 2021 | 18615 | 3,1 | 0,7 | 56560 | 52,5 | 81,7 |
| ostrołęcki | 2015 | 13555 | 3,4 | 0,8 | 34890 | 47,0 | 74,6 |
| | 2020 | 17666 | 3,3 | 0,8 | 46988 | 48,4 | 76,7 |
| | 2021 | 19083 | 3,2 | 0,7 | 51078 | 47,4 | 73,7 |
| płocki | 2015 | 23239 | 5,9 | 1,3 | 69958 | 94,2 | 149,6 |
| | 2020 | 27406 | 5,1 | 1,2 | 85767 | 88,3 | 140,1 |
| | 2021 | 35333 | 6,0 | 1,3 | 111516 | 103,5 | 161,0 |
| radomski | 2015 | 20589 | 5,2 | 1,1 | 33326 | 44,9 | 71,3 |
| | 2020 | 26813 | 5,0 | 1,1 | 45211 | 46,6 | 73,8 |
| | 2021 | 28898 | 4,9 | 1,1 | 49111 | 45,6 | 70,9 |
| siedlecki | 2015 | 15333 | 3,9 | 0,9 | 36405 | 49,0 | 77,8 |
| | 2020 | 19738 | 3,7 | 0,8 | 48171 | 49,6 | 78,7 |
| | 2021 | 21189 | 3,6 | 0,8 | 52049 | 48,3 | 75,1 |
| żyrardowski | 2015 | 11100 | 2,8 | 0,6 | 42663 | 57,4 | 91,2 |
| | 2020 | 13746 | 2,6 | 0,6 | 53056 | 54,6 | 86,6 |
| | 2021 | 15326 | 2,6 | 0,6 | 59478 | 55,2 | 85,9 |

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Terms used in official statistics

[Gross domestic product](#)

[Regional accounts](#)

