



# WORKING PAPER

## REGIONAL GROSS DOMESTIC PRODUCT

Regions and areas of the Republic of Serbia, 2021



No **123**

Belgrade, 2023



# REGIONAL GROSS DOMESTIC PRODUCT

## Regions and areas of the Republic of Serbia, 2021

Working paper: REGIONAL GROSS DOMESTIC PRODUCT – Regions and areas  
of the Republic of Serbia, 2021

Publishers: Statistical Office of the Republic of Serbia Belgrade, 5, Milana Rakića St  
For the publishers: Dr Miladin Kovačević, Director

Editorial Board

Editor in Chief: Snežana Lakčević

Members: Ljiljana Đorđević, Gordana Bjelobrk, Dijana Dodig Bukulica, Dejana Đorđević

Text: Dušan Gavrilović, Dijana Dodig Bukilica, Marija Vulović and Jovana Ćosić.

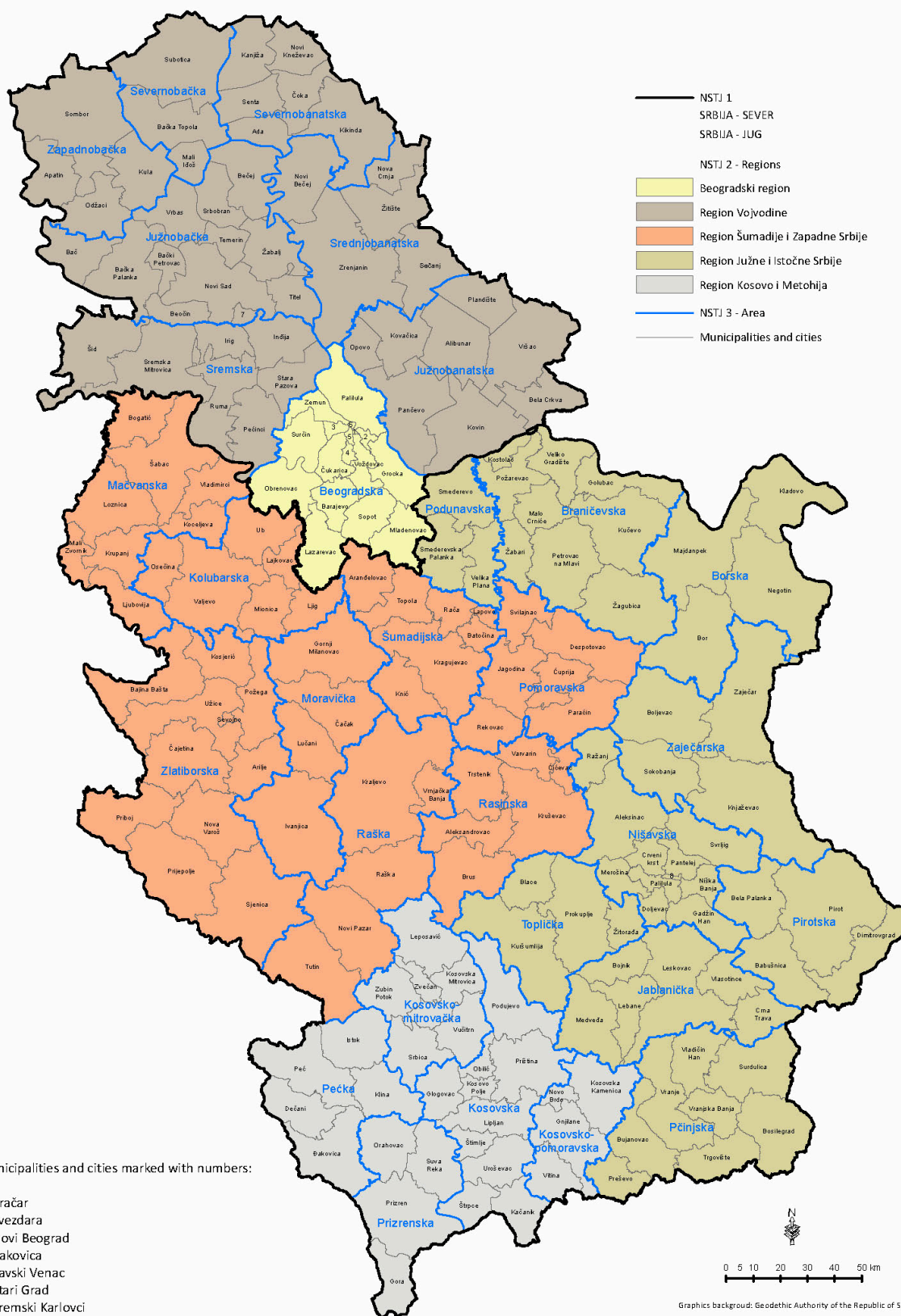
Design and press preparatory operations: SORS Division for statistical output development and visualization  
English translation: Gordana Nedeljković

# TABLE OF CONTENTS

Municipalities of the Republic of Serbia, by areas and regions, state as of 1 January 2022 .....	5
Municipalities of the Republic of Serbia, by administrative districts, state as of 1 January 2022 .....	6
Towns/cities and municipalities of the Republic of Serbia, state as of 1 January 2022 .....	7
Introductory notes .....	8
Main methodological principles .....	8
Methods of regionalization .....	9
Data sources .....	10
Results of calculation – regional GDP, shares of regions in total GDP of the Republic of Serbia and level indices .....	11
Table 1. Results of calculation – regional GDP, shares of regions in total GDP of the Republic of Serbia and level indices .....	11
Table 2. Regional GDP expressed in PPS .....	14
Areas of the Republic of Serbia – GVA, shares in total GVA of the Republic of Serbia and level indices .....	15
Table 3. Areas of the Republic of Serbia – GVA, shares in total GVA of the Republic of Serbia and level indices .....	15
Regional GVA by activity .....	18
Table 4. Regions of the Republic of Serbia – Regional GVA by activity, 2021 (RSD million) .....	18
Table 5. Region Vojvodine and areas – Regional GVA by activity, 2021 (RSD million) .....	19
Table 6. Region Šumadije i Zapadne Srbije and areas – Regional GVA by activity, 2021 (RSD million) .....	20
Table 7. Region Južne i Istočne Srbije and areas – Regional GVA by activity, 2021 (RSD million) .....	21
Regional GVA by activity, 2020 (revised data) .....	22
Table 8. Regions of the Republic of Serbia – Regional GVA by activity, 2020 (RSD million) .....	22
Table 9. Region Vojvodine and areas – Regional GVA by activity, 2020 (RSD million) .....	22
Table 10. Region Region Šumadije i Zapadne Srbije and areas – Regional GVA by activity, 2020 (RSD million) .....	23
Table 11. Region Južne i Istočne Srbije and areas – Regional GVA by activity, 2020 (RSD million) .....	23



**Map 1. | Municipalities of the Republic of Serbia, by areas and regions, as of 1 January 2022**

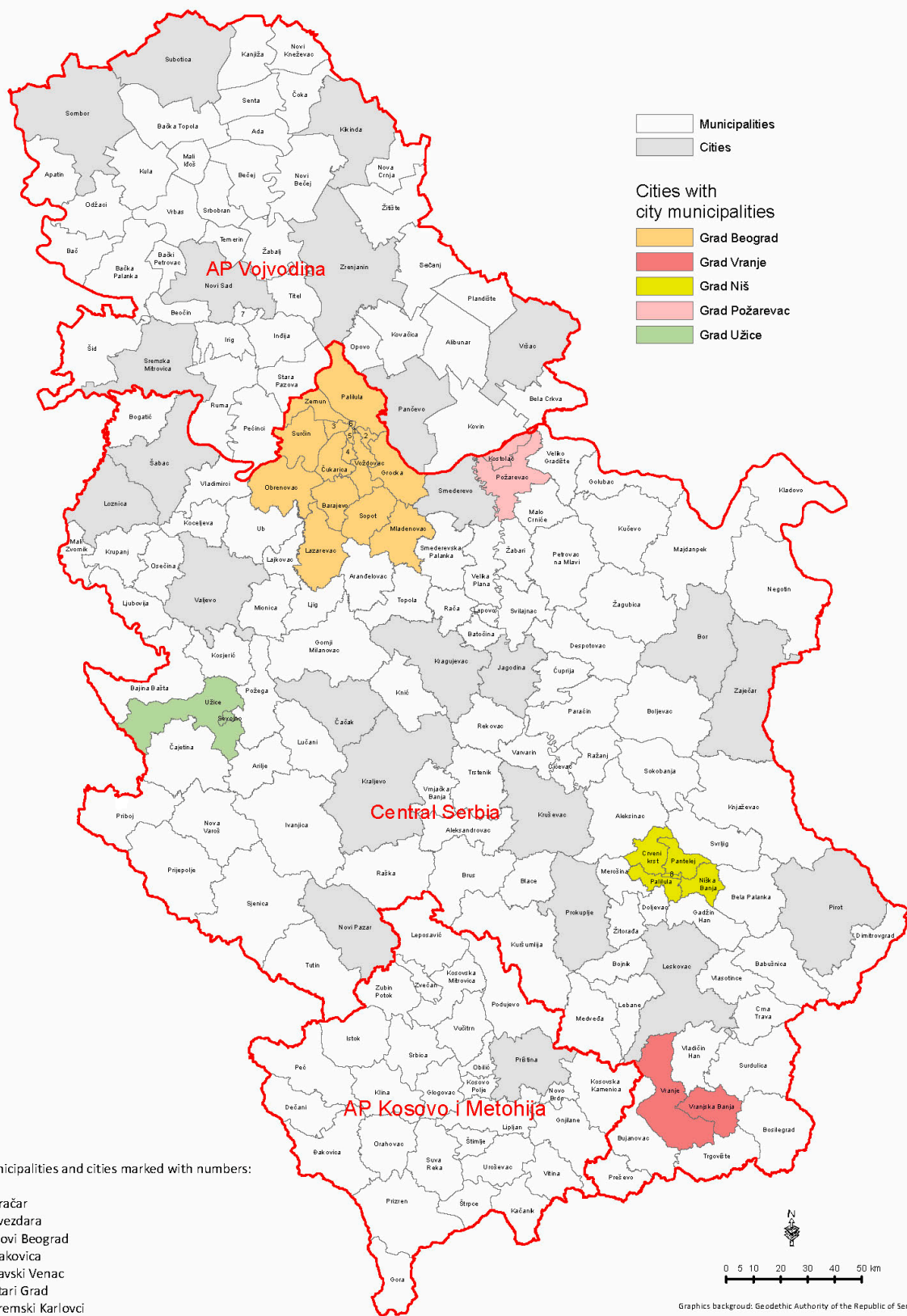


**Map 2. |** Municipalities of the Republic of Serbia, by administrative districts, as of 1 January 2022





**Map 3. | Towns/cities and municipalities of the Republic of Serbia, as of 1 January 2022**



## INTRODUCTORY NOTES

Measurement of regional economic performance has always been among the priorities in the statistical system of the European Union (EU) and has become increasingly important in the Republic of Serbia due to severe regional discrepancies in economic and social development. These discrepancies are caused mainly by the differences in economic structure, productivity of labour force and efficiency of business operations of economic subjects in the Republic of Serbia. Regional accounts, as a system of regional statistical indicators, are thus regarded as indispensable tools for strategic planning of regional development and effective regional policymaking, as well as for evaluation and monitoring of plans and programs of cohesive policy on the national and the European level. Regional gross domestic product (GDP) is regarded as the headline indicator used for measuring the regional economic performances and the effectiveness of the regional policies and programs aimed at reducing the gaps between the regions in socio-economic development and distribution of the national wealth.

This paper summarizes the concepts, sources and methods used in the process of estimation of the regional gross domestic product (GDP) of the Republic of Serbia for the year 2021, along with the revised data for 2020, aligned with the results of the national GDP revision implemented in 2022.

## MAIN METHODOLOGICAL PRINCIPLES

The calculation of regional GDP, as a part of the system of national accounts of the Republic of Serbia, was made in accordance with EU principles and methodology, i.e. the *European system of national accounts* (ESA 2010) and the *Nomenclature of statistical territorial units* of the Republic of Serbia (*NSTJ*), which has been harmonized with the European Nomenclature of territorial units for statistics (NUTS). The main conceptual reference for the Serbian regional GDP is the Eurostat's *Regional Accounts Methods* manual. The calculations of regional GDP were carried out at the NUTS level 2 (regions) and NUTS level 3 (areas) for the following statistical territorial units:

- Beogradski region/area
- Region Vojvodine and areas: Zapadnobačka oblast, Južnobačanska oblast, Južnobačka oblast, Severnobačanska oblast, Severnobačka oblast, Srednjobanatska oblast and Sremska oblast;
- Region Šumadije i Zapadne Srbije and areas: Zlatiborska oblast, Kolubarska oblast, Mačvanska oblast, Moravička oblast, Pomoravska oblast, Rasinska oblast, Raška oblast and Šumadijska oblast.
- Region Južne i Istočne Srbije and areas: Borska oblast, Braničevska oblast, Zaječarska oblast, Jablanička oblast, Nišavska oblast, Pirotska oblast, Podunavska oblast, Pčinjska oblast and Toplička oblast.

For Region Kosovo i Metohija at this moment, no reliable statistical data are available and it was not covered by the calculations.

In accordance with the ESA 2010 and the Eurostat methodology of regional accounts, as a separate statistical territorial unit displayed is "*extra regio*", i.e. extraterritorial units of the Republic of Serbia (ESA 2010, paragraph 13.11). Those are diplomatic and consular missions, embassies of the Republic of Serbia abroad and in other parts of the economic territory of the Republic of Serbia outside its territorial boundaries. Gross value added calculation for *extra regio* is based on data from the Ministry of Foreign Affairs of the Republic of Serbia on the employed citizens of the Republic of Serbia in these units. According to ESA 2010 (paragraph 13.44), data on GDP per capita and the corresponding indices are not expressed for *extra regio*.

Regional gross domestic product is the regional equivalent to a country's GDP which represents the most important macroeconomic aggregate of a national economy and measure of its productivity and efficiency in the production of goods and services needed for various types of consumption. The sum of GDP for each region is identical to the GDP of the Republic of Serbia. Gross value added created by all resident economic subjects of the Republic of Serbia is a starting point for the calculation of GDP and its regionalization i.e. estimation of the contribution of each regional entity to the total GDP. The relation between GDP, gross value added (GVA) and regional GDP can be shown using the following equations:

GDP – the sum of gross value added of the institutional sectors or of the industries, plus taxes on products and imports and less subsidies on products (subsidies directly linked to the volume or value of production).

GVA – the total value of output of goods and services produced less the intermediate consumption (goods and services used up in the production process in order to produce the output).

Regional GDP – the sum of value added of all local units that are active in the territory of the subject region (plus taxes on products less subsidies on products).

## METHODS OF REGIONALIZATION

The regionalization of gross value added (GVA) is based on the *workplace principle* i.e. by using the economic data on local units of enterprises where the value added is actually created. This principle of regionalization of GVA has special significance if we take into account the fact that the large economic systems representing the „backbone“ of the Serbian economy (including large public enterprises and government bodies and institutions) have in general wide geographic dispersion of their organizational units (plants, establishments, offices etc.), and each of them represents a significant centre of economic activity on the territory of the municipality and region where it is situated. GVA of these enterprises is allocated on the regions where their local units and employees are situated and where the production process has taken place and not in the regions where their headquarters are registered.

For business enterprises belonging to the sector of non-financial corporations, so called “bottom up” method was used as the main technique for regionalization of GVA in line with the experience and methodology of the Swedish statistics. The same principle is applied for non-profit institutions serving households. For financial institutions, the data on wages and salaries, together with the data on deposits and credits (for banks) and gross premiums written (for insurance business) on municipal level were used for the regionalization of GVA of each enterprise in full accordance with the Eurostat’s recommendations. For the government sector, the data on wages and salaries collected via special survey are used for the distribution of GVA of each entity on its belonging local units on municipal level.

The starting point for the calculations of regional GDP represents the SBR of local units of enterprises which is managed and operated by the SORS. The large majority of companies and sole-proprietorships are mono-unit enterprises or with a few units operating within the same municipality. For these enterprises GVA is directly ascribed to the region of the headquarters of the enterprise i.e. municipality where it is registered and conducts its business activities. On the other side, the “regional profile” of each enterprise conducting economic activity in more than one municipality is defined by comparison and cross-checking of the data derived from several statistical and administrative data sources. The data on local units (NACE and municipality code, number of employment and wages and salaries) are thoroughly checked and determined the number of employed, staff costs and then the share of each local unit in the GVA of the enterprise it belongs to. All enterprises with more than one local unit in different municipalities were processed this way thus founding the basis for regional distribution of GVA and, eventually, the derivation of regional aggregates.

Having calculated the GVA on the level of each local unit, the area and regional figures are derived by aggregating the GVA of all local units belonging to the same area and region.

## DATA SOURCES

Apart from financial statements as primary data source, for deriving regional GDP calculations the following administrative and statistical data sources are used:

- For the non-financial sector of incorporated enterprises – a regional data module within the annual structural business survey with data on number of employees, gross wages and salaries and other economic indicators for local units of enterprises on municipality level are collected. Moreover, this module includes data on stocks of capital goods and depreciation costs on local unit level. As supplementary sources used were the data of the Central Register of Social Contributions Payers (CRSCP) on the number of employment in local units of enterprises and the statistical survey on local units of economic subject.
- For the financial sector (banks and the central bank, i.e. the National Bank of Serbia, insurance companies, companies for financial leasing, pension and investment funds, broker and dealer companies and other financial institutions) – the annual survey KGI-02, which compiles data for financial institutions on the level of local units: data on number of local units, employment and wages and salaries on municipality level. Also, it covers data on loans, deposits and commissions and fees (for the banks) and gross premiums written (for insurance business), also on municipality level, which are used as key tools for the regionalization of GVA of institutional units belonging to the financial corporations sector, namely for value added allocation to local units.
- For the government sector, i.e. government bodies and institutions – KGI-03 survey that annually collects data on employees from the CRSCP database. In order to collect data on distribution of employees and wages and salaries by municipalities, the SORS Regional accounts division has conducted a survey which covers the major government institutions with the largest territorial dispersion of the units. The following institutions were covered by this special survey: Ministry of the Interior, Ministry of Defence, State Tax Administration, State Customs Administration, National Employment Service, Pension and Disability Insurance Fund, National Health Insurance Fund, Serbian Statistical Office (SORS), Hydro-meteorological Office, Republic Geodetic Authority and PE Post of Serbia. The GVA calculations for non-market institutional units that belong to the government sector are implemented by applying the expenditure approach in compliance with ESA 2010;
- For the households sector – data provided by the Tax Administration on tax payers based on income from own-account activities and estimations based on statistical surveys concerning economic activities. Apart from unincorporated enterprises (sole proprietorships and partnerships), this sector includes other self-employed persons, such as persons who achieve contracted fee as the only income source ("outworkers") and farmers. In addition, the GDP of household sector covers net receipts from renting, i.e. household income resulting from the private renting of dwellings. Namely, according to the principles of national accounts, this income includes also so-called imputed rentals for owner occupied dwellings, i.e. imputed value of income that could be received by owners of private dwellings by renting them to other persons. This estimate is based on the data on dwelling stock on the territory of certain region and on average unit price of real estates.
- For the sector of non-profit institutions serving households (NGOs, non-market citizen associations and organizations etc.) – database of financial statements for other legal entities and employment data for their local units provided by CRSCP.

For each of these institutional sectors the specific methods for calculating output value (market and non-market output) and value added were applied, in accordance with the methodological guidelines provided by ESA 2010.

## ◆ Results of calculation – regional GDP, shares of regions in total GDP of the Republic of Serbia and level indices

**Table 1.** Results of calculation – regional GDP, shares of regions in total GDP of the Republic of Serbia and level indices

Territory	GDP (RSD million)		Index	Share (%)		GDP per capita (RSD thousand)		GDP per capita – Level Index (RS = 100)	
	2021	2020	2021/2020	2021	2020	2021	2020	2021	2020
<b>REPUBLIC OF SERBIA</b>	<b>6 270 097</b>	<b>5 504 431</b>	<b>113.9</b>	<b>100</b>	<b>100</b>	<b>917</b>	<b>798</b>	<b>100</b>	<b>100</b>
Beogradski region	2 518 736	2 318 293	108.6	40.2	42.1	1 492	1 368	162.6	171.5
Region Vojvodine	1 615 864	1 409 116	114.7	25.8	25.6	885	765	96.5	95.9
Region Šumadije i Zapadne Srbije	1 172 514	1 005 587	116.6	18.7	18.3	628	532	68.4	66.7
Region Južne i Istočne Srbije	960 227	768 900	124.9	15.3	14.0	661	522	72.1	65.4
<i>Extra regio</i>	2 756	2 534	108.8	0.0	0.0	-	-	-	-
Region Kosovo i Metohija	...	...	...	...	...	...	...	...	...

According to the estimation principle of workplace, the regions of the Republic of Serbia had the following shares in the national GDP: Beogradski region holds the leading position with 40.2%; Region Vojvodine expressed the share of 25.8%, and then come Region Šumadije i Zapadne Srbije – 18.7% and Region Južne i Istočne Srbije – 15.3%.

For Beogradski region, with GDP per capita amounting to RSD 1 492 000 (EUR 12 690)<sup>1</sup>, notable is by 62.6% higher per capita amount compared to the national average. The GDP per capita level index for Region Vojvodine equals 96.5% (RSD 885 000/EUR 7 527), which is approximately by 0.6% higher if compared to 2020. The GDP per capita level index for Region Šumadije i Zapadne Srbije equals 68.4% (RSD 628 000/EUR 5 341), which means it increased by 1.7% when related to 2020. For Region Južne i Istočne Srbije the level index equals 72.1% (RSD 661 000/EUR 5 622), which is by 6.7% higher when related to 2020.

Regarding the dispersion of the regional GDP per capita, amount in 2021 it equalled 31%, slightly lower compared to 2020 (35%). Concerning the level of areas (districts), it equals 36% (39% in 2020). According to the Eurostat methodology, dispersion of regional GDP per capita indicates the average (absolute) difference between national and regional GDP per capita values. The value of this indicator is expressive of the fact that there was no change in the dispersion of the GDP regional per capita amount.<sup>2</sup>

<sup>1</sup> Average official exchange rate of the National Bank of Serbia for the year 2021.

<sup>2</sup> Dispersion of regional gross domestic product is a measure of cohesion of economic development of regions shows the average difference between the national and regional levels of GDP per capita. This indicator is available at NUTS 2 and NUTS 3 level, ie. at levels NSTJ2 (region) and NSTJ3 (district) of the *National Nomenclature of Territorial Units for Statistics*. Dispersion of regional gross domestic product is measured by the sum of the absolute differences between regional and national GDP per inhabitant, weighted with the regional share of population and expressed in percent of the national GDP per inhabitant.

For a given country the dispersion D of regional GDP per inhabitant is defined as the sum of the absolute differences between regional and national GDP per inhabitant, weighted with the regional share of population and expressed in percent of the national GDP per inhabitant:

$$D = \frac{100}{Y} \sum_{i=1}^n |y_i - Y| \left( \frac{p_i}{P} \right)$$

In the above equation:

$y_i$  - regional GDP per inhabitant of region  $i$ ;

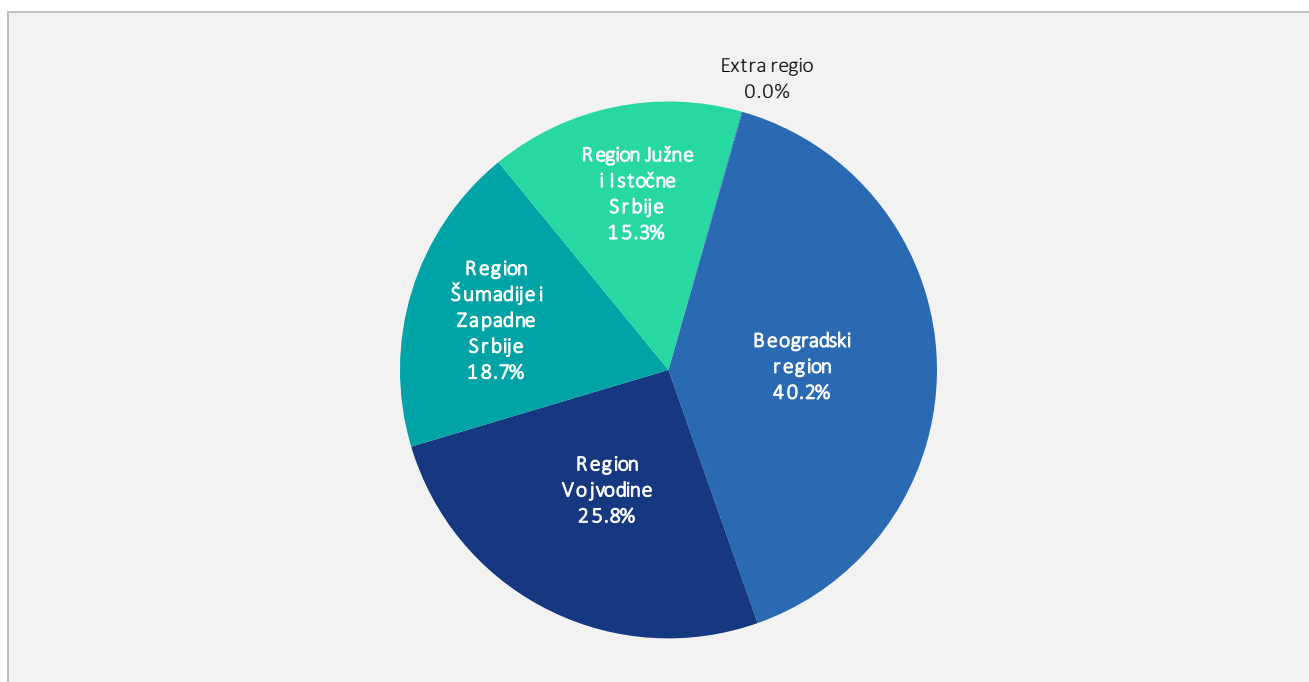
$Y$  - national average GDP per inhabitant;

$p_i$  - population of the region/area  $i$

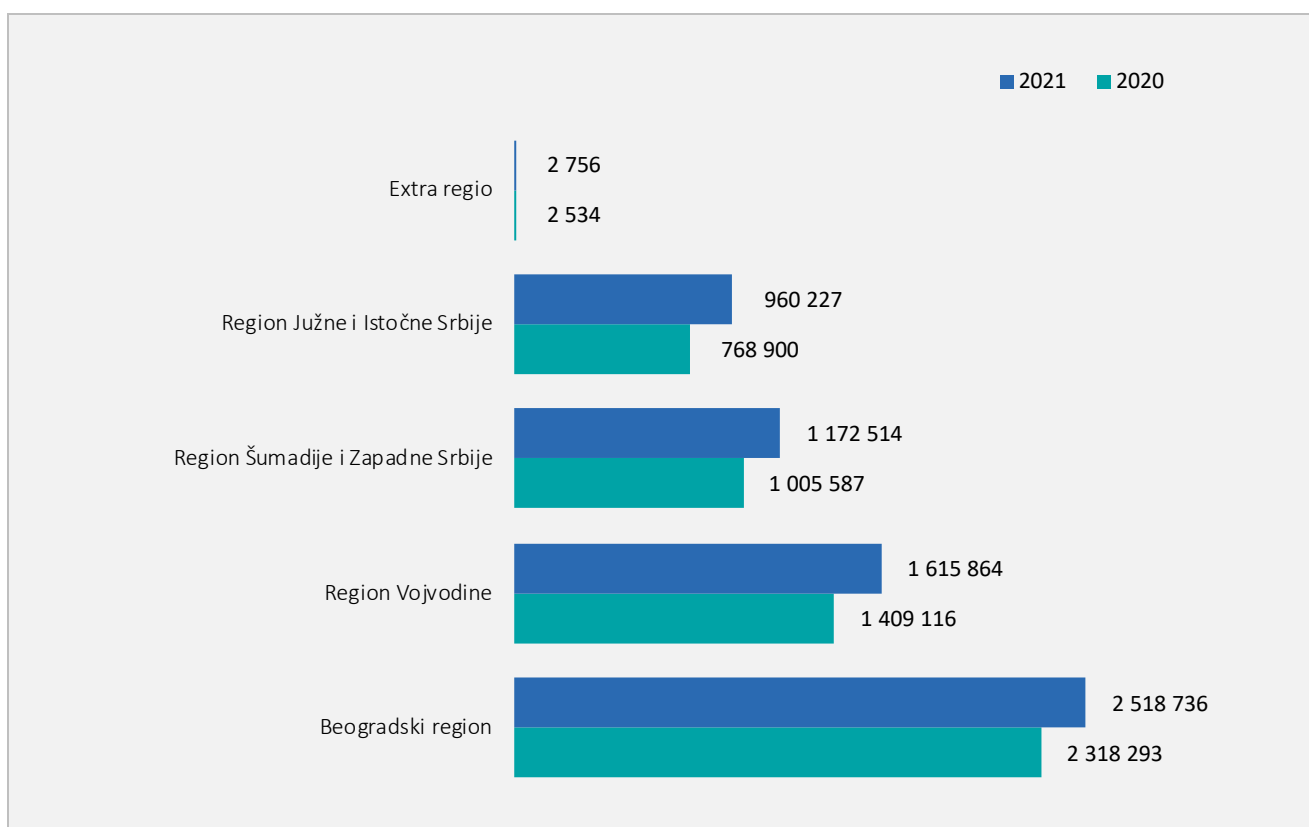
$P$  - population of the country

$n$  - number of regions/areas

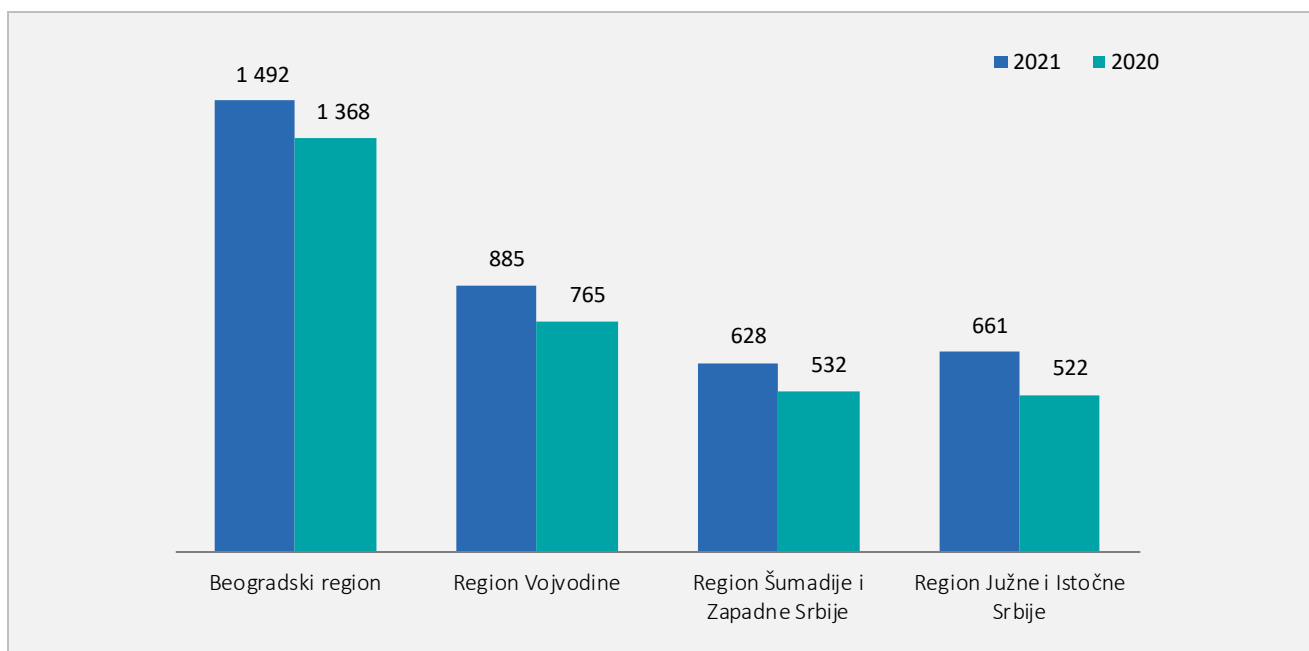
Graph. 1. Shares of the regions in the national GDP, 2021



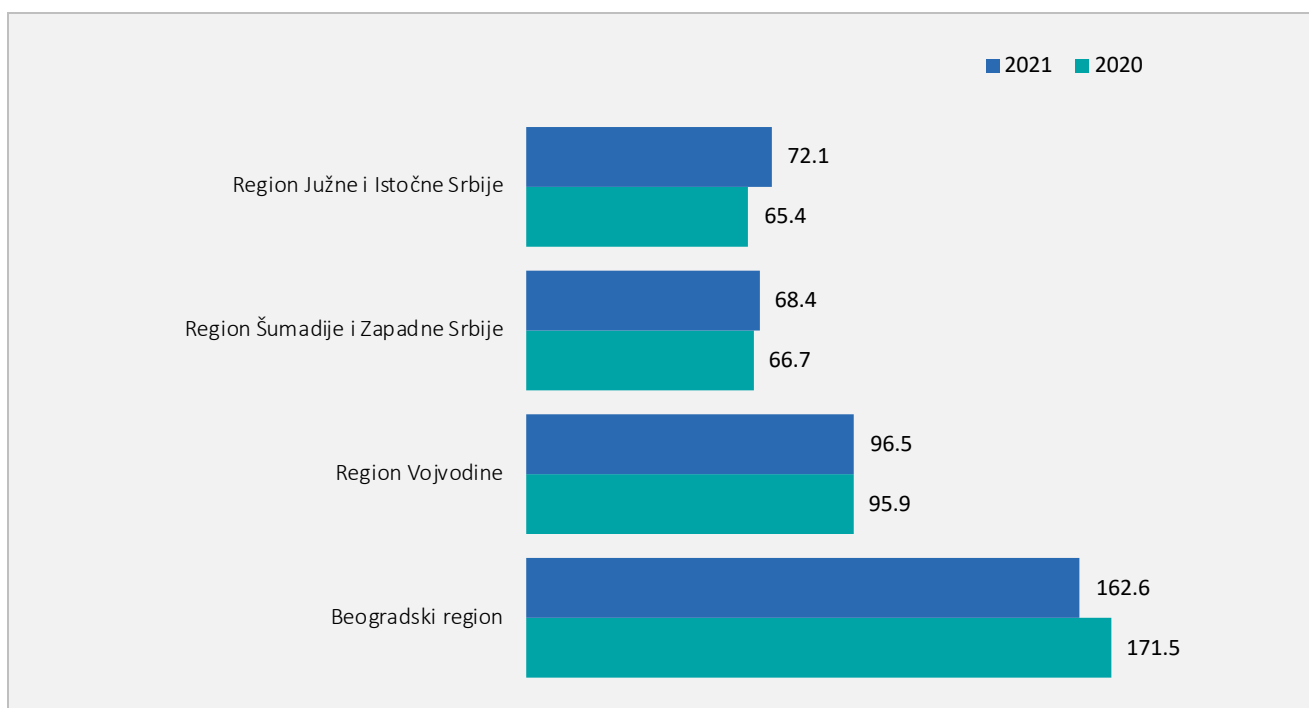
Graph. 2. Regional GDP, 2021–2020 (RSD million)



Graph. 3. Regions of the Republic Serbia – Regional GDP per capita, 2021–2020 (RSD thousand)



Graph. 4. Regions of the Republic of Serbia – GDP per capita – Level indices (RS = 100), 2021–2020 (%)



## ◆ Regional GDP expressed in PPS

In the following table, the regional GDP expressed in PPS (purchasing power standard) and the comparison of the Serbian regions with EU27 indicators are presented. As we can see, all the regions are below the 75% limit of the GDP average per capita in the EU. The leading Beogradski region is at 72.8%, while Region Šumadije i Zapadne Srbije is at 30.7%.

**Table 2.** Regional GDP expressed in PPS

Territory	GDP (PPS million)		Share (%)		GDP per capita (PPS thousand)		Level Index (EU-28 = 100)	
	2021	2020	2021	2020	2021	2020	2021	2021
<b>EU-27</b>	14 523 453	13 461 071	100.0	100.0	32.4	30.0	100.0	100.0
<b>REPUBLIC OF SERBIA</b>	98 084	88 385	0.7	0.7	14.4	12.8	44.8	41.3
Beogradski region	39 401	37 225	0.2	0.2	23.3	22.0	72.8	70.8
Region Vojvodine	25 277	22 626	0.2	0.1	13.8	12.3	43.2	39.6
Region Šumadije i Zapadne Srbije	18 342	16 147	0.1	0.1	9.8	8.5	30.7	27.5
Region Južne i Istočne Srbije	15 021	12 346	0.1	0.1	10.3	8.4	32.3	27.0
<i>Extra regio</i>	43	41	0.0	0.0	...	...	...	...
Region Kosovo i Metohija	...	...	...	...	...	...	...	...



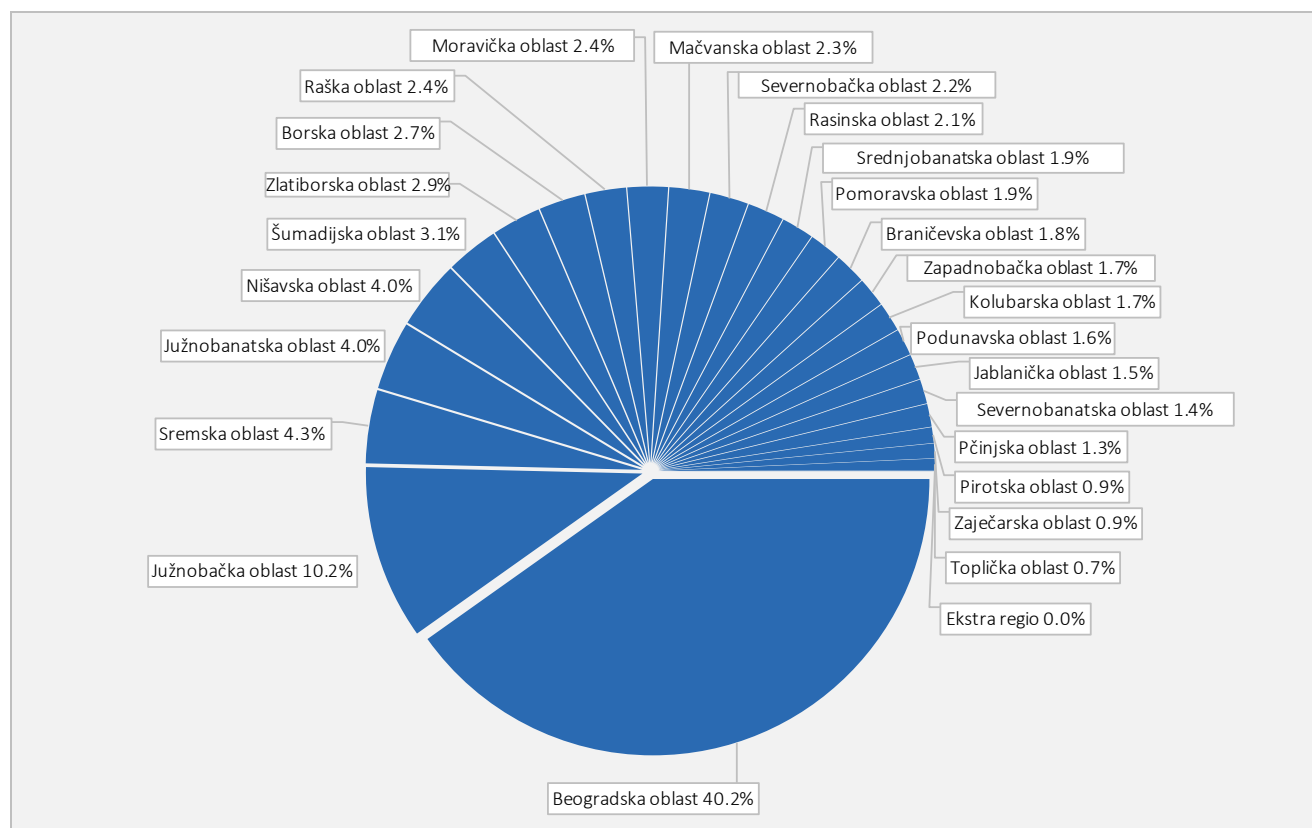
## ◆ Areas of the Republic of Serbia – GVA, shares in total GVA of the Republic of Serbia and level indices

**Table 3.** Areas of the Republic of Serbia – GVA, shares in total GVA of the Republic of Serbia and level indices

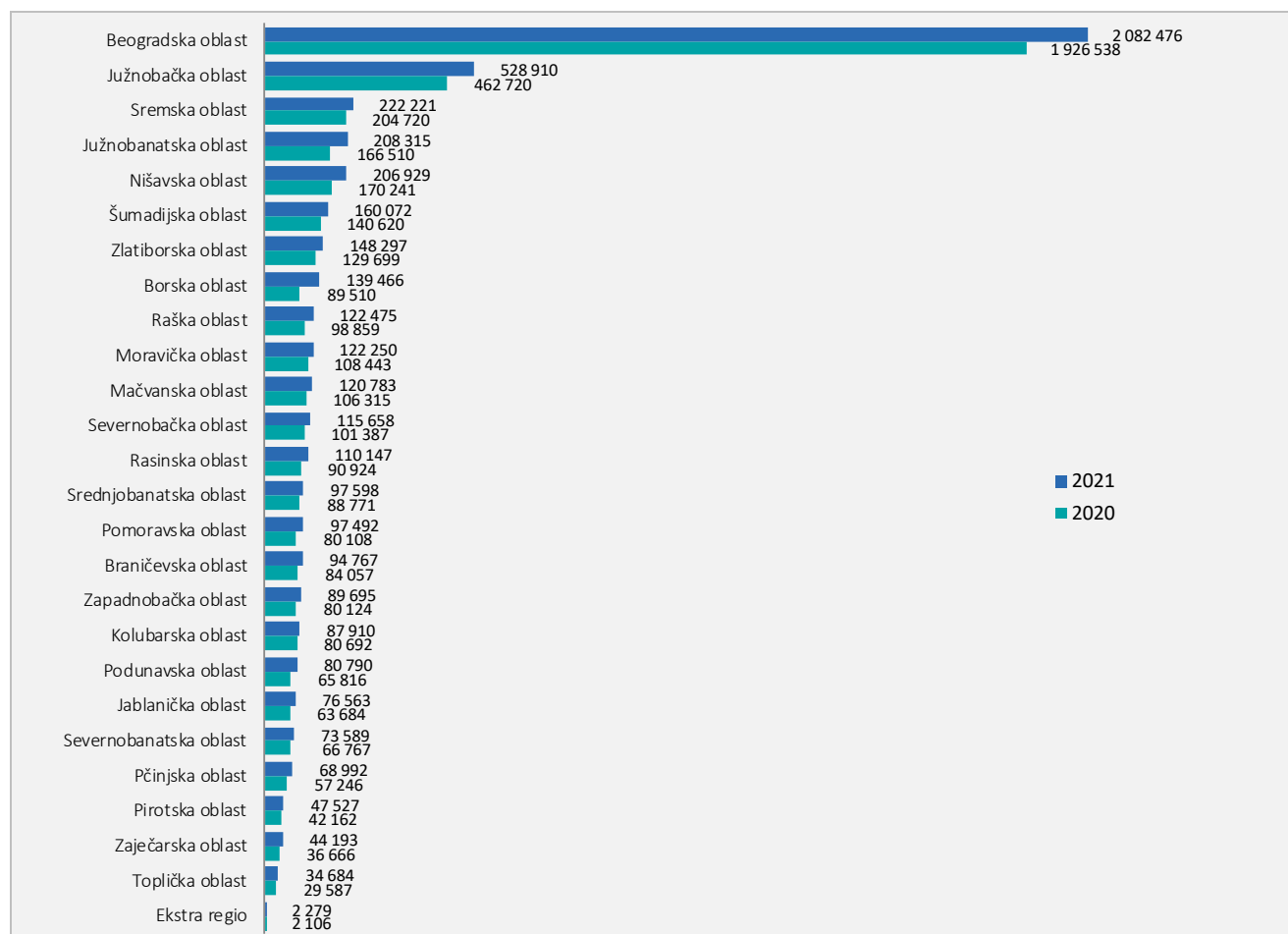
Area	GVA (RSD million) <sup>1)</sup>		Index	Share (%)		GVA per capita (RSD)		Level Index (RS = 100)	
	2021	2020	2021/2020	2021	2020	2021	2020	2021	2020
<b>REPUBLIKA SRBIJA</b>	<b>5 184 078</b>	<b>4 574 270</b>	<b>113.3</b>	<b>100.0</b>	<b>100.0</b>	<b>759</b>	<b>663</b>	<b>100.0</b>	<b>100.0</b>
Beogradska oblast	2 082 476	1 926 538	108.1	40.2	42.1	1 233	1 137	162.6	171.5
Zapadnobačka oblast	89 695	80 124	111.9	1.7	1.8	539	475	71.1	71.6
Južnobanatska oblast	208 315	166 510	125.1	4.0	3.6	764	605	100.8	91.2
Južnobačka oblast	528 910	462 720	114.3	10.2	10.1	857	748	113.0	112.8
Severnobanatska oblast	73 589	66 767	110.2	1.4	1.5	557	499	73.4	75.2
Severnobačka oblast	115 658	101 387	114.1	2.2	2.2	659	573	86.9	86.4
Srednjobanatska oblast	97 598	88 771	109.9	1.9	1.9	575	516	75.8	77.8
Sremska oblast	222 221	204 720	108.5	4.3	4.5	760	694	100.1	104.6
Zlatiborska oblast	148 297	129 699	114.3	2.9	2.8	572	494	75.4	74.5
Kolubarska oblast	87 910	80 692	108.9	1.7	1.8	554	503	73.1	75.8
Mačvanska oblast	120 783	106 315	113.6	2.3	2.3	446	387	58.8	58.4
Moravička oblast	122 250	108 443	112.7	2.4	2.4	630	552	83.0	83.2
Pomoravska oblast	97 492	80 108	121.7	1.9	1.8	510	411	67.2	62.1
Rasinska oblast	110 147	90 924	121.1	2.1	2.0	511	415	67.3	62.6
Raška oblast	122 475	98 859	123.9	2.4	2.2	405	326	53.5	49.1
Šumadijska oblast	160 072	140 620	113.8	3.1	3.1	580	504	76.5	76.0
Borska oblast	139 466	89 510	155.8	2.7	2.0	1 304	820	171.9	123.6
Braničevska oblast	94 767	84 057	112.7	1.8	1.8	592	516	78.0	77.8
Zaječarska oblast	44 193	36 666	120.5	0.9	0.8	432	351	57.0	53.0
Jablanička oblast	76 563	63 684	120.2	1.5	1.4	396	324	52.2	48.9
Nišavska oblast	206 929	170 241	121.6	4.0	3.7	584	476	77.0	71.7
Pirotska oblast	47 527	42 162	112.7	0.9	0.9	586	511	77.2	77.0
Podunavska oblast	80 790	65 816	122.8	1.6	1.4	448	360	59.0	54.3
Pčinjska oblast	68 992	57 246	120.5	1.3	1.3	357	294	47.1	44.3
Toplička oblast	34 684	29 587	117.2	0.7	0.6	429	361	56.6	54.4
<i>Extra regio</i>	2 279	2 106	108.2	0.0	0.0	-	-	-	-
Kosovska oblast	...	...	...	...	...	...	...	...	...
Kosovsko-mitrovačka oblast	...	...	...	...	...	...	...	...	...
Kosovsko-pomoravska oblast	...	...	...	...	...	...	...	...	...
Pečka oblast	...	...	...	...	...	...	...	...	...
Prizrenska oblast	...	...	...	...	...	...	...	...	...

<sup>1)</sup> Net taxes on products make the difference between GVA and GDP. In compliance with the Eurostat regulations, GVA shall be expressed for the level of areas (districts).

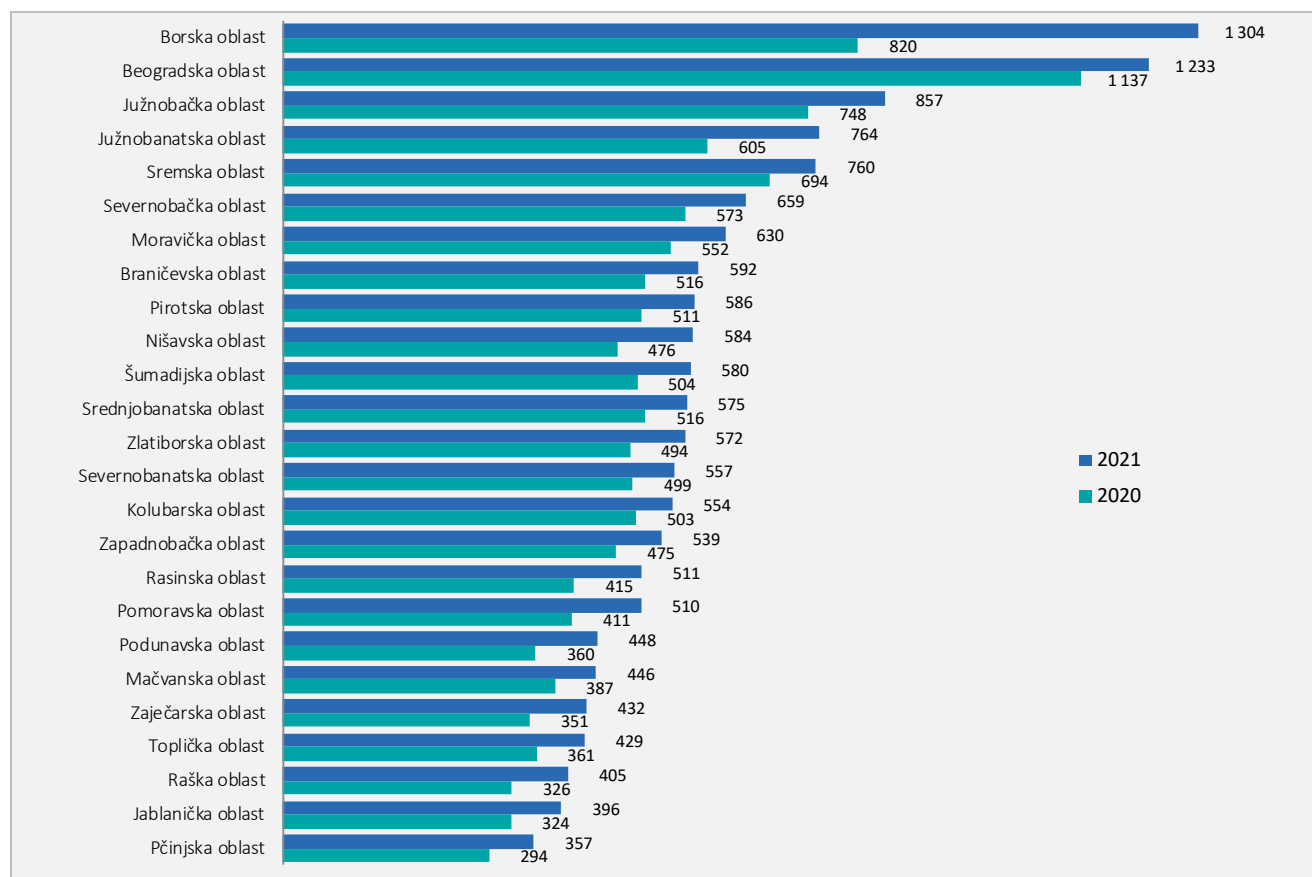
Graph. 5. Areas of the Republic of Serbia – Share of areas in total GVA of Republic of Serbia, 2021



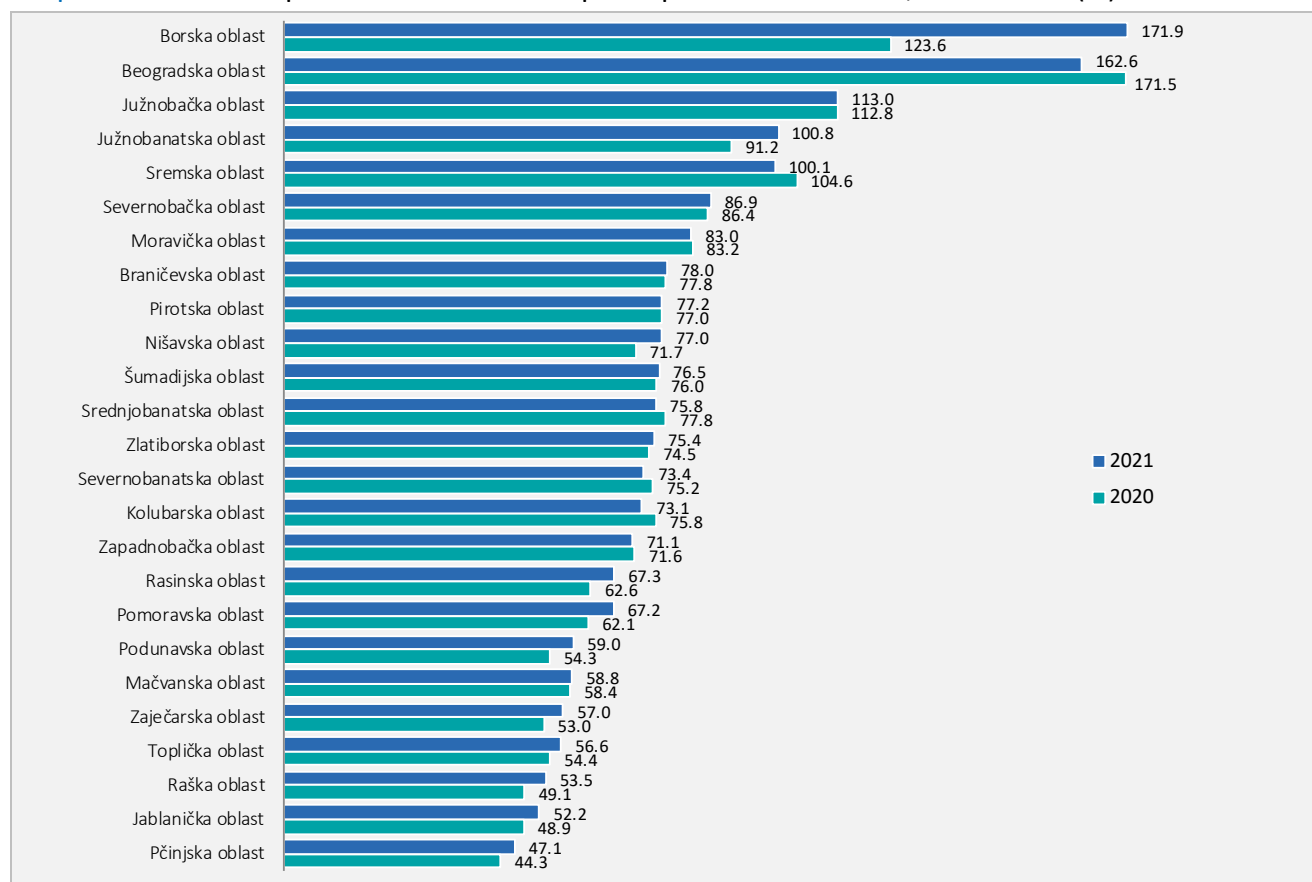
Graph. 6. Areas of the Republic of Serbia – Share of areas in total GVA of Republic of Serbia, 2021



Graph. 7. Areas of the Republic of Serbia – GVA per capita, 2021–2020 (RSD thousand)



Graph. 8. Areas of Republic of Serbia – GVA per capita – Level indices, 2021–2020 (%)

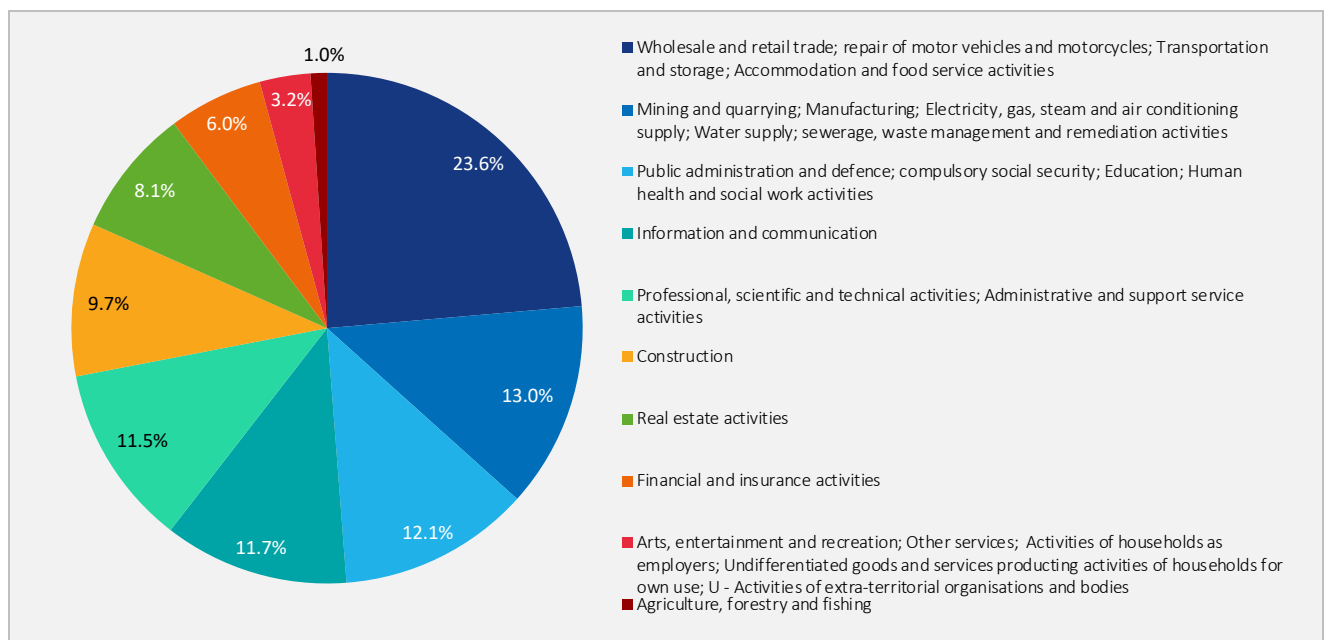


## ◆ Regional GVA by activity

**Table 4.** Regions of the Republic of Serbia – Regional GVA by activity, 2021 (RSD million)

Name of activity	Republic of Serbia	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Extra regio
<b>TOTAL</b>	<b>5 184 078</b>	<b>2 082 476</b>	<b>1 335 986</b>	<b>969 427</b>	<b>793 910</b>	<b>2 279</b>
Agriculture, forestry and fishing	394 576	21 537	192 069	114 023	66 947	
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	1 191 305	271 468	384 031	262 457	273 349	
Construction	376 118	201 741	73 297	60 481	40 600	
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	1 033 277	491 918	240 301	182 919	118 140	
Information and communication	321 302	243 563	46 818	17 516	13 405	
Financial and insurance activities	197 651	124 223	37 794	20 422	15 213	
Real estate activities	423 936	169 369	96 817	90 108	67 642	
Professional, scientific and technical activities; Administrative and support service activities	360 428	239 224	65 599	30 511	25 094	
Public administration and defence; compulsory social security; Education; Human health and social work activities	742 657	252 572	167 486	164 938	155 383	2 279
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	142 826	66 860	31 775	26 054	18 137	

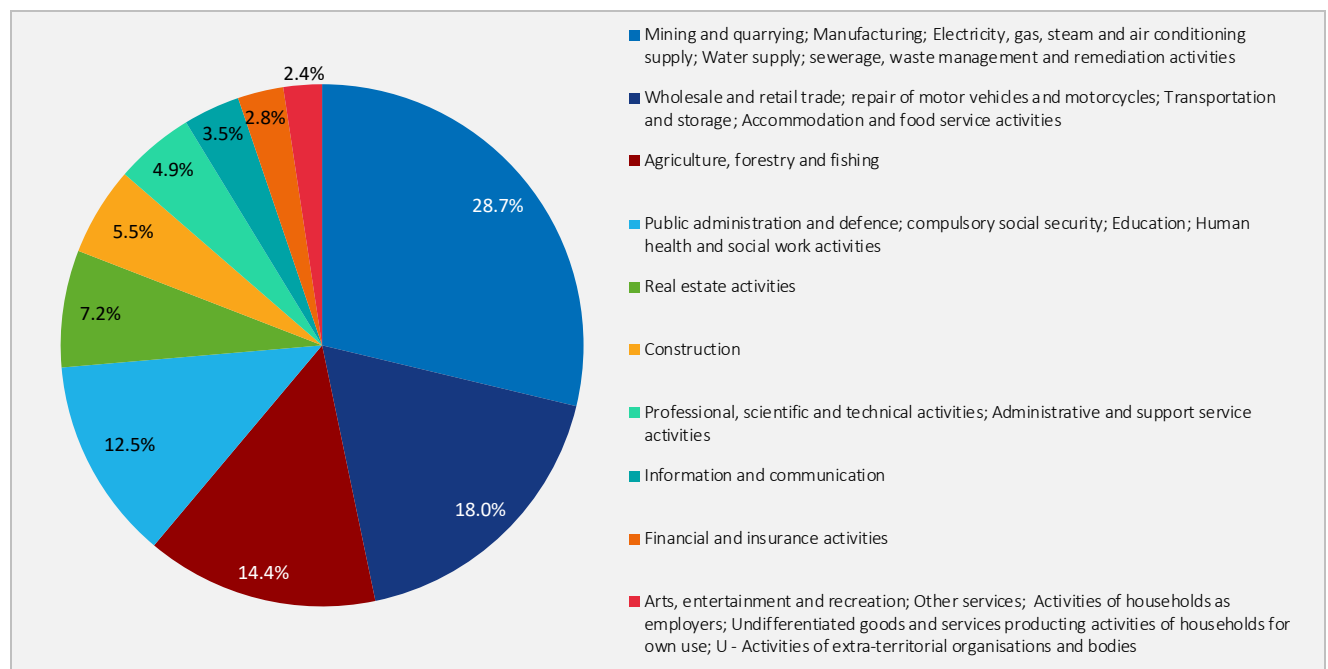
**Graph. 9.** Beogradski region – GVA by activity, 2021



**Table 5. Region Vojvodine and areas – Regional GVA by activity, 2021 (RSD million)**

Name of activity	Region Vojvodine	Zapadno-bačka oblast	Južno-banatska oblast	Južno-bačka oblast	Severno-banatska oblast	Severno-bačka oblast	Srednjo-banatska oblast	Sremska oblast
<b>TOTAL</b>	<b>1 335 986</b>	<b>89 695</b>	<b>208 315</b>	<b>528 910</b>	<b>73 589</b>	<b>115 658</b>	<b>97 598</b>	<b>222 221</b>
Agriculture, forestry and fishing	192 069	24 507	33 300	43 303	18 808	17 996	22 873	31 283
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	384 031	17 739	83 678	124 625	19 463	34 281	26 330	77 913
Construction	73 297	3 066	8 544	37 532	2 261	7 030	2 667	12 197
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	240 301	14 705	30 090	103 936	10 891	19 354	14 106	47 220
Information and communication	46 818	1 416	3 132	33 782	1 349	2 909	2 417	1 813
Financial and insurance activities	37 794	2 222	3 520	20 943	1 685	3 178	2 234	4 012
Real estate activities	96 817	7 154	12 515	39 403	5 342	8 766	7 734	15 904
Professional, scientific and technical activities; Administrative and support service activities	65 599	3 763	6 843	37 940	2 024	4 368	3 720	6 941
Public administration and defence; compulsory social security; Education; Human health and social work activities	167 486	13 305	22 756	72 295	10 302	14 309	13 527	20 992
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	31 775	1 818	3 937	15 151	1 464	3 468	1 991	3 946

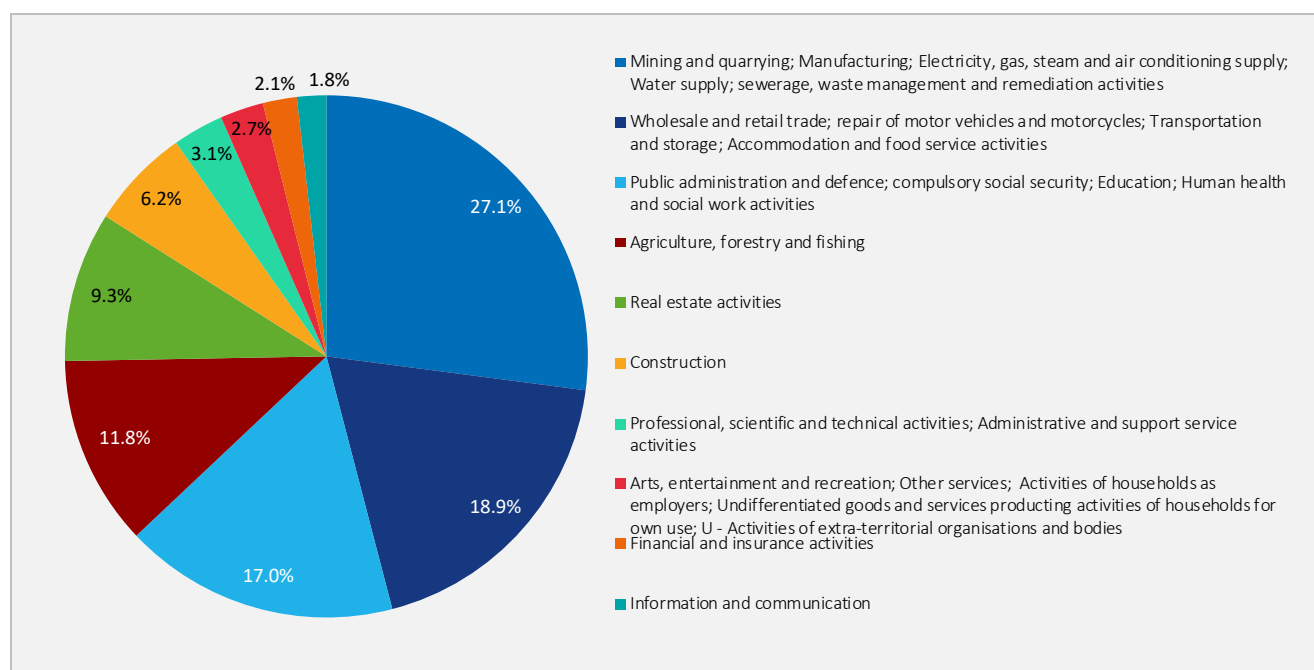
**Graph. 10. Region Vojvodine – GVA by activity, 2021**



**Table 6.** Region Šumadije i Zapadne Srbije and areas – Regional GVA by activity, 2021 (RSD million)

Name of activity	Region Šumadije i Zapadne Srbije	Zlati- borska oblast	Kolu- barska oblast	Mačvan- ska oblast	Mora- vička oblast	Pomo- ravska oblast	Rasin-ska oblast	Raška oblast	Šuma- dijska oblast
<b>TOTAL</b>	<b>969 427</b>	<b>148 297</b>	<b>87 910</b>	<b>120 783</b>	<b>122 250</b>	<b>97 492</b>	<b>110 147</b>	<b>122 475</b>	<b>160 072</b>
Agriculture, forestry and fishing	114 023	17 204	16 378	14 423	12 115	11 925	18 235	9 390	14 353
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	262 457	43 544	21 310	36 151	43 523	22 931	31 515	19 220	44 264
Construction	60 481	12 857	4 509	9 519	4 585	6 187	6 736	8 828	7 260
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	182 919	26 045	11 956	24 707	27 284	17 007	20 139	28 763	27 018
Information and communication	17 516	2 745	1 205	1 582	1 911	1 594	1 086	3 493	3 901
Financial and insurance activities	20 422	3 125	2 049	2 150	2 783	1 942	2 059	2 431	3 882
Real estate activities	90 108	12 524	10 332	10 012	8 166	11 133	8 545	13 915	15 481
Professional, scientific and technical activities; Administrative and support service activities	30 511	4 170	2 866	4 044	3 437	3 357	3 157	3 824	5 657
Public administration and defence; compulsory social security; Education; Human health and social work activities	164 938	22 455	14 502	15 599	15 720	18 387	15 832	29 355	33 088
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	26 054	3 630	2 804	2 596	2 726	3 028	2 845	3 257	5 168

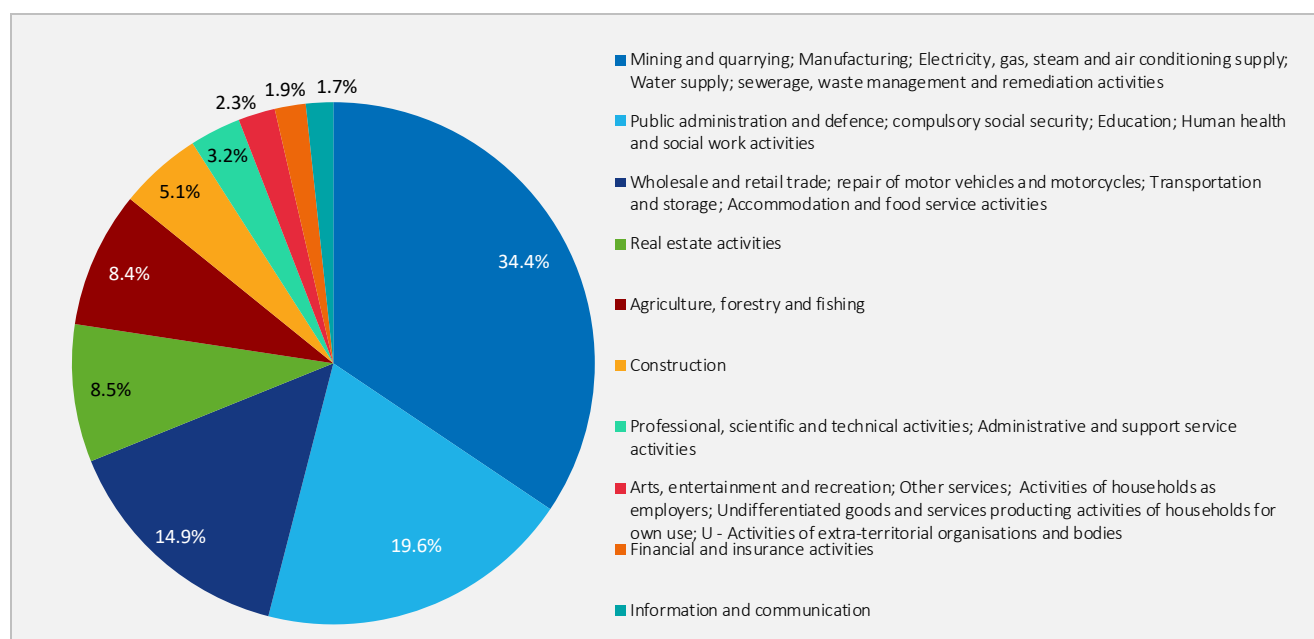
**Graph. 11.** Region Šumadije i Zapadne Srbije – GVA by activity, 2021



**Table 7.** Region Južne i Istočne Srbije and areas – Regional GVA by activity, 2021 (RSD million)

Name of activity	Region Južne i Istočne Srbije	Borska oblast	Brani- čevska oblast	Zaje- čarska oblast	Jabla- nička oblast	Nišavska oblast	Pirotska oblast	Podu- navska oblast	Pčinjska oblast	Toplička oblast
<b>TOTAL</b>	<b>793 910</b>	<b>139 466</b>	<b>94 767</b>	<b>44 193</b>	<b>76 563</b>	<b>206 929</b>	<b>47 527</b>	<b>80 790</b>	<b>68 992</b>	<b>34 684</b>
Agriculture, forestry and fishing	66 947	4 854	11 839	7 168	8 892	10 068	3 678	9 296	5 455	5 697
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	273 349	105 876	33 319	9 405	18 986	42 115	21 207	18 467	15 523	8 452
Construction	40 600	2 509	3 764	1 288	7 506	13 341	860	5 708	4 134	1 490
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	118 140	8 315	12 235	6 721	11 657	43 783	5 127	16 940	9 979	3 383
Information and communication	13 405	649	696	645	486	8 568	597	899	417	446
Financial and insurance activities	15 213	1 021	1 701	1 009	1 426	5 280	878	1 733	1 501	665
Real estate activities	67 642	4 121	10 122	4 958	6 884	18 510	4 414	8 038	7 311	3 284
Professional, scientific and technical activities; Administrative and support service activities	25 094	1 703	2 729	1 497	2 248	9 487	1 426	3 122	2 127	755
Public administration and defence; compulsory social security; Education; Human health and social work activities	155 383	9 257	16 063	10 390	16 638	50 539	8 031	14 339	20 405	9 722
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra- territorial organisations and bodies	18 137	1 161	2 299	1 112	1 841	5 238	1 309	2 246	2 140	791

**Graph. 12.** Region Južne i Istočne Srbije – GVA by activity, 2021



## ◆ Regional GVA by activity, 2020 (revised data)

**Table 8.** Regions of the Republic of Serbia – Regional GVA by activity, 2020 (RSD million)

Name of activity	Republic of Serbia	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Extra regio
<b>TOTAL</b>	4 574 270	1 926 538	1 170 998	835 659	638 968	2 106
Agriculture, forestry and fishing	349 165	21 373	178 550	96 087	53 155	
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	1 071 117	267 355	341 726	238 573	223 463	
Construction	299 616	159 079	59 871	49 798	30 869	
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	869 878	424 503	201 460	153 905	90 009	
Information and communication	298 765	229 867	40 615	16 702	11 581	
Financial and insurance activities	181 484	120 465	32 330	16 864	11 825	
Real estate activities	387 248	166 688	88 361	77 349	54 848	
Professional, scientific and technical activities; Administrative and support service activities	330 449	223 478	59 766	27 201	20 003	
Public administration and defence; compulsory social security; Education; Human health and social work activities	665 069	255 686	141 586	137 214	128 476	2 106
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	121 480	58 045	26 732	21 964	14 739	

**Table 9.** Region Vojvodine and areas – Regional GVA by activity, 2020 (RSD million)

Name of activity	Region Vojvodine	Zapadno-bačka oblast	Južno-banatska oblast	Južno-bačka oblast	Severno-banatska oblast	Severno-bačka oblast	Srednjo-banatska oblast	Sremska oblast
<b>TOTAL</b>	1 170 998	80 124	166 510	462 720	66 767	101 387	88 771	204 720
Agriculture, forestry and fishing	178 550	22 527	29 431	40 629	17 082	16 988	21 902	29 991
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	341 726	16 322	63 060	116 636	17 382	29 371	25 378	73 578
Construction	59 871	2 291	6 019	30 598	1 863	5 842	2 308	10 950
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	201 460	11 993	21 831	87 417	9 311	16 080	11 622	43 205
Information and communication	40 615	1 279	2 533	28 411	1 289	2 807	2 469	1 828
Financial and insurance activities	32 330	1 530	2 706	20 058	1 169	2 287	1 560	3 020
Real estate activities	88 361	7 003	11 698	33 607	5 359	8 402	7 516	14 776
Professional, scientific and technical activities; Administrative and support service activities	59 766	3 412	5 528	34 389	1 937	3 946	3 481	7 074
Public administration and defence; compulsory social security; Education; Human health and social work activities	141 586	12 126	20 556	58 751	9 987	12 627	10 908	16 631
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	26 732	1 641	3 148	12 224	1 386	3 036	1 629	3 668



**Table 10.** Region Region Šumadije i Zapadne Srbije and areas – Regional GVA by activity, 2020 (RSD million)

Name of activity	Region Šumadije i Zapadne Srbije	Zlatiborska oblast	Kolubarska oblast	Mačvanska oblast	Mora-vička oblast	Pomorav-ska oblast	Rasi-n-ska oblast	Raška oblast	Šuma-dij-ska oblast
<b>TOTAL</b>	835 659	129 699	80 692	106 315	108 443	80 108	90 924	98 859	140 620
Agriculture, forestry and fishing	96 087	14 478	11 291	16 046	10 168	9 592	16 595	7 702	10 216
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	238 573	39 768	25 544	25 329	40 105	20 211	24 580	17 101	45 935
Construction	49 798	9 963	5 601	6 864	3 854	4 846	4 750	7 110	6 809
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	153 905	22 614	13 486	18 726	23 927	13 843	15 378	21 363	24 570
Information and communication	16 702	2 573	1 204	1 417	1 821	1 518	903	3 268	3 999
Financial and insurance activities	16 864	2 676	1 372	2 165	2 156	1 517	1 703	2 037	3 238
Real estate activities	77 349	10 683	7 253	11 470	7 413	9 679	8 027	11 211	11 614
Professional, scientific and technical activities; Administrative and support service activities	27 201	3 913	2 698	3 655	3 270	2 959	2 710	3 110	4 887
Public administration and defence; compulsory social security; Education; Human health and social work activities	137 214	19 801	10 007	17 961	13 217	13 905	13 935	23 403	24 985
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	21 964	3 231	2 237	2 684	2 510	2 038	2 345	2 555	4 365

**Table 11.** Region Južne i Istočne Srbije and areas – Regional GVA by activity, 2020 (RSD million)

Name of activity	Region Južne i Istočne Srbije	Borska oblast	Brani-čevska oblast	Zaje-čarska oblast	Jabla-nička oblast	Nišavska oblast	Pirotska oblast	Podu-navska oblast	Pčinjska oblast	Toplička oblast
<b>TOTAL</b>	638 968	89 510	84 057	36 666	63 684	170 241	42 162	65 816	57 246	29 587
Agriculture, forestry and fishing	53 155	4 791	8 996	5 864	6 681	7 910	2 760	7 131	4 472	4 550
Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities	223 463	59 933	37 375	8 255	18 215	39 257	21 893	16 113	14 682	7 740
Construction	30 869	1 770	3 062	980	6 110	9 319	740	4 357	3 212	1 320
Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities	90 009	5 683	9 235	5 024	9 641	33 004	3 967	12 888	7 628	2 939
Information and communication	11 581	510	563	534	385	7 536	560	751	339	403
Financial and insurance activities	11 825	920	1 387	892	1 078	3 914	584	1 412	1 173	465
Real estate activities	54 848	4 500	7 909	4 195	5 523	14 137	3 354	6 398	6 090	2 743
Professional, scientific and technical activities; Administrative and support service activities	20 003	1 292	2 151	1 240	1 860	7 591	1 065	2 509	1 640	656
Public administration and defence; compulsory social security; Education; Human health and social work activities	128 476	8 983	11 712	8 776	12 779	42 864	6 249	12 594	16 408	8 112
Arts, entertainment and recreation; Other services; Activities of households as employers; Undifferentiated goods and services producing activities of households for own use; U - Activities of extra-territorial organisations and bodies	14 739	1 127	1 668	906	1 412	4 710	991	1 664	1 601	659

Dissemination and public relations unit

Phone: +38111 2401284

Email: [stat@stat.gov.rs](mailto:stat@stat.gov.rs)

Library

Phone: +38111 2412922, ext. 251

Email: [biblioteka@stat.gov.rs](mailto:biblioteka@stat.gov.rs)

Number of pages: 23



# WORKING PAPER

No **123**