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# BULLETIN

## LABOUR FORCE SURVEY IN THE REPUBLIC OF SERBIA, 2023



Belgrade, 2024



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## Bulletin – Labour Force Survey in the Republic of Serbia, 2023

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The Statistical Office of the Republic of Serbia (SORS) has announced the results of the Labour Force Survey for 2023 in this publication.

The Survey has been implemented as a continuous research in the Republic of Serbia since 2015, and the SORS has adopted a new, redesigned methodology of the Survey in 2021, in accordance with the new Regulation of the European Parliament and the Council. International recommendations and definitions were used in defining the basic labour force contingents; therefore, the information obtained from this survey is the most important source of data in the field of labour statistics, and its contents and methodology can be compared to similar data from other countries.

Since 2023, results have been based on the current demographic assessments based on the 2022 Population, Household and Dwelling Census.

Data in this survey are intended for a wide range of users in the country, and they are provided to numerous international organizations, at their request.

The Bulletin consists of several parts. Part 1 contains the basic labour market indicators trend at interannual level (year of 2022/2023). Part 2 provides the basic indicators of the population aged 15+ (rates and absolute values). Part 3 presents the basic indicators of employed population aged 15-89. Part 4 contains basic indicators of unemployed population (aged 15-74), and indicators related to population outside the labour force and potentially active population can be found in Part 5. Methodology explanations and the sample design are given at the end of the Bulletin.

Belgrade, 2024

Director  
Miladin Kovačević, PhD



<b>PREFACE</b>	<b>3</b>
<b>ANNUAL ANALYSIS OF LABOUR FORCE SURVEY RESULTS, 2023</b>	<b>9</b>
<b>POPULATION AGED 15+</b>	
Table 1.1. Basic labour force contingents trend by age group, 2023/2022	13
Table 1.2. Activity, employment, unemployment and outside the labor force rates by age groups, 2023/2022	13
Table 1.3. Population by working status, age groups, region and type of settlement, 2023	14
Table 1.4. Male population by working status, age group, region and type of settlement, 2023	16
Table 1.5. Female population by working status, age group, region and type of settlement, 2023	17
Table 1.6. Population by age groups, sex and working status, 2023 (in thous.)	18
Table 1.7. Population (aged 15-89) by education, sex and working status, 2023 (in thous.)	19
Table 1.8. Person (aged 15-89) status by subjective opinion, sex, region and type of settlement, 2023 (in thous.)	20
Table 1.9. Activity, employment, unemployment and outside the labour force rates (aged 15 +) by district, 2023 (in %)	22
<b>EMPLOYED</b>	
Table 2.1. Employed by age group, sex, region and type of settlement, 2023 (in thous.)	27
Table 2.2. Employed by level of education, sex, region and type of settlement, 2023 (in thous.)	28
Table 2.3. Employed (aged 15-89 and 15-64) by professional status, sex, region and type of settlement, 2023. (in thous.)	29
Table 2.4. Employed by usual working hours, sex, region and type of settlement, 2023 (in thous.)	30
Table 2.5. Employed by usual working hours and professional status, 2023 (%)	31
Table 2.6. Employed by usual working hours and major occupation group, 2023 (%)	31
Table 2.7. Employed by usual working hours and sector of activity, 2023 (%)	32
Table 2.8. Employed (aged 15-89 and 15-64) by ownership, work hours, sex and region, 2023 (in thous.)	34
Table 2.9. Employed (aged 15-89 and 15-64) by sector of activity, sex and region, 2023 (in thous.)	36
Table 2.10. Employed by sector of activity and age groups, 2023 (in thous.)	38
Table 2.11. Employed (aged 15-89 and 15-64) by occupation, sex and region, 2023 (in thous.)	40
Table 2.12. Employed by sector of activity and major occupation groups, 2023 (in thous.)	41
Table 2.13. Employed by employment formality, age groups, professional status, sex and region, 2023 (in thous.)	44
Table 2.14. Employed working from home, at weekends, in the evening or at night by major occupation groups, 2023 (%)	44
Table 2.15. Employed working from home, at weekends, in the evening or at night by sector of activity, 2023 (%)	44
Table 2.16. Employed by search of another job, sex and region, 2023 (in thous.)	45
Table 2.17. Employees by type of a written agreement and employment rights, sex, region and type of settlement, 2023 (in thous.)	47
Table 2.18. Employees by industry sector, sex, region and type of settlement, 2023 (in thous.)	49
Table 2.19. Employees by occupation, sex, region and type of settlement, 2023 (in thous.)	51

Table 2.20. Employees (aged 15-89 and 15-64) by type of employment, sex, region and type of settlement, 2023 (in thous.)	53
Table 2.21. Employees (aged 15-89 and 15-64) by ownership, sex, region and type of settlement, 2023 (in thous.)	55
<b>UNEMPLOYED</b>	
Table 3.1. Unemployed by age group, sex, region and type of settlement, 2023. (in thous.)	59
Table 3.2. Unemployed by highest completed education level, sex, region and type of settlement, 2023 (in thous.)	59
Table 3.3. Unemployed by duration of employment search, sex, region and type of settlement, 2023 (in thous.)	61
Table 3.4. Unemployed by having previous experience, professional status at previous job, sex, region and type of settlement, 2023 (in thous.)	62
Table 3.5. Unemployed (aged 15-65) according to the National Employment Service records, sex, region and type of settlement, 2023 (in thous.)	64
<b>POPULATION OUTSIDE THE LABOUR FORCE</b>	
Table 4.1. Population outside the labour force by age group, sex, region and type of settlement, 2023 (in thous.)	67
Table 4.2. Population outside the labour force (aged 15-89) by education, sex, region and type of settlement, 2023. (in thous.)	67
Table 4.3. Population outside the labour force (aged 15-74), by desire and employment opportunities, sex and region, 2023 (in thous.)	68
Table 4.4. Population outside the labour force (aged 15-89) by previous work experience, sources of income, sex and region, 2023 (in thous.)	69
Table 4.5. Underutilized and potential labour force, aged 15–74, 2023 (in thous.)	71
<b>METHODOLOGY EXPLANATIONS</b>	
<b>GRAPHS</b>	
Graph 1. Working status of persons aged 15–24, for 2023 (in %)	14
Graph 2. Employed, unemployed and outside the labor force by regions, 2023 (in %)	15
Graph 3. Employed, unemployed and outside the labor force by sex, 2023 (in %)	15
Graph 4. Employed, unemployed and outside the labor force structure according to the highest completed level of education, 2023 (in %)	21
Graph 5. Employed by reason of absence from work the whole day or part of the day, by sex, 2023 (in thous.)	33
Graph 6. Employed by reasons of part-time employment, by sex, 2023 (in %)	33
Graph 7. Self-employed and unpaid family workers by decision-makers on their working hours, 2023 (%)	35
Graph 7a. Employees by decision-makers on their working hours, 2023 (%)	35
Graph 8. Employed by sector of activity and age groups, 2023 (in %)	39
Graph 9. Formally/informally employed by industry sector, 2023 (in thous.)	43
Graph 10. Employed by specific types of work hours, 2023 (in thous.)	45
Graph 11 Professional status at additional job, 2023 (in %)	46
Graph 12. Self-employed by occupation and sex, 2023 (in %)	46
Graph 13. Employees obliged to inspect the work of other workers, by sex, 2023 (in %)	50
Graph 14. Structure of employees by paid and unpaid overtime work hours, 2023 (in %)	50
Graph 15. Structure of employees by occupation and sex, 2023 (in %)	52



Graph 16. Employees by duration of temporary work (temporary, seasonal or occasional) in thousands, 2023	54
Graph 17. Employees by reason of temporary, seasonal or occasional employment, 2023 (in %)	54
Graph 18. Main reasons of employment termination of the unemployed who stopped working in the past seven years, by sex, 2023 (in thous.)	60
Graph 19. Unemployed according to the National Employment Service records, 2023 (%)	60
Graph 20. Unemployed by the employment search methods, 2023 (in thous.)	61
Graph 21. Unemployed by occupation at previous job, and sex (in %), 2023	63
Graph 22. Population outside the labour force not in search of employment due to child care or adult disabled person care, by sex, 2023 (in %)	68
Graph 23. Major reasons of employment termination of population outside the labour force, who stopped working in the past seven years, by sex, 2023 (in thous.)	70
<b>MAPS</b>	
Map 1. Employment rate by district, 2023	23
Map 2. Unemployment rate by district, 2023	24





## ANNUAL ANALYSIS OF LABOUR FORCE SURVEY RESULTS, 2023

From the first quarter of 2023, results (LFS data) are calculated based on demographic estimates for 2022, which are based on the 2022 Census. Due to the improvement of the quality of demographic estimates in terms of improving the timeliness of data, the results for the reference quarter are calculated on the basis of demographic estimates for the current year, or the reference quarter, since 2024.

In order to ensure the comparability of the data with the data from 2023, a Post-Census Audit was conducted for the data from 2021, which were published in the dissemination database.

The analysis and comparison of data with 2022 in this Bulletin was performed on the revised data (more details in the section: Methodology explanations).

Therefore, the data from this Bulletin are not comparable with the data published in the previous bulletins of the same name, or the announcements published during 2023.

### Basic indicators

According to the Labour Force Survey, the number of the people aged 15+ in 2023 has dropped by 0.6% compared to 2022, and it amounted to 5 665 900. The employed population amounted to 2 842 000, and has increased by 0.8% compared to the previous year, while the unemployed populations noted a slight drop by 0.2%, amounting to 295 800 in 2023. Population outside the labour force noted a drop by 2.2% at the interannual period, amounting to 2 528 100 persons in 2023.

The employment rate in 2023 amounted to 50.2%, which makes an increase by 0.7 percentage points (pp) compared to 2022, while the unemployment and population outside the labour force rates have dropped by 0.1 pp and 0.7 pp respectively. Thus the unemployment rate in the observed year amounted to 9.4%, and population outside the labour force rate amounted to 44.6%.

### The Belgrade region records the most positive trends in the labour market

The Belgrade region recorded an increase in the employment rate in 2023 by 1.5 pp, a drop of the unemployment rate by 0.6 pp, and a drop of population outside the labour force by 1.4 pp compared to the previous year. Thus, the employment rate in the Belgrade region amounted to 55.5%, unemployment rate amounted 7.1%, and the population outside the labour force rate amounted to 40.2%.

In addition to the Belgrade region, the increase in the employment rate was recorded in Vojvodina Region (by 1.2 pp, with a rate of 50.3%) and the Šumadija and Western Serbia Region (0.2 pp, with a rate of 49.4%), while the Region of Southern and Eastern Serbia recorded a drop in the employment rate by 0.2 pp, amounting to 44.7%.

Similar to the Belgrade region, the unemployment rate also has a descending trend in the Region of Šumadija and Western Serbia as much as 1.2 pp, amounting to 9.8% in 2023. In contrast to these two regions, the unemployment rate is increasing in the Region of Vojvodina and the Region of Southern and Eastern Serbia by 1.0 p. p. and 0.9 p. p. respectively, so the rates of 9.0% and 12.8% were recorded in those regions, respectively.

In addition to the Belgrade region, the rate the population outside the labour force also recorded a decrease in the Vojvodina Region, by a slightly higher percentage point (1.8), with a value of 44.8%. This rate in the Region of Southern and Eastern Serbia was 48.7%, which also makes a slight drop (0.4 p.p.), while there was an increase in the Region of Šumadija and Western Serbia by 0.6 p.p., so the rate of population outside the labour force was 45.3%.

## Position of young people at the labour market

The contingent of young people aged from 15 to 24 continued to decrease in 2023, and it is lesser by 3 800 (1.9%) compared to 2022. The youth population in 2023 amounted to 672 500.

The decrease of the contingent of employed young people amounted to 3 100, so the number of the employed in the observed year was 160 700. The employment rate in this age cohort amounted to 23.9%, which is a drop by 0.3 pp compared to 2022. Observed by regions, the employment rate in this age category was the highest in Vojvodina Region, like in 2022, and it amounted to 26.8%. The lowest employment rate was yet again recorded in the Region of Southern and Eastern Serbia, amounting to 20.6%.

The number of unemployed aged 15-24 has slightly increased (by 1000 persons) compared to the previous year, amounting to 53 600. The unemployment rate has thus recorded an increase by 0.7 pp, amounting to 25.0% in 2023.

Population of young people outside the labour force has also recorded an insignificant annual growth (0.1 pp), amounting to 68.1%, while population outside the labour force amounted to 458 200. The highest value of this rate was recorded in the Region of Šumadija and Western Serbia, with a value of 70.1%. Same as 2022, the lowest rate of population outside the labour force was recorded in Vojvodina Region with 65.2%.

The NEET rate, representing the share of people aged 15–24 who are not in employed, education or training in the total population of the said age, amounted to 12.4% in 2023, and it has reduced by 0.9 pp compared to 2022.

The “Early school leaving” indicator, which represents a percentage of young people aged 18 to 24 who have completed at most the primary school and did not continue further schooling (did not attend school or training in the past four weeks), amounted to 5.8% in 2023, and it is higher by 0.1 pp compared to 2022.

## Position of women at the labour market

Trends at the labour market this year show a positive shift in the female population, which is primarily reflected in the increase in the number of employed women by 29 300 and an increase of employment rate by 1.3 pp, while the employment rate of men has increased by 0.1 pp. Such trends have resulted in the reduction in the difference in the employment rate of women compared to the employment rate of the male population to 13.2 p. p. In 2023, the number of employed women was 1 286 100, while the number of employed men was 1 555 900. The employment rate in the female population was 43.8%, while the male employment rate in 2023 was 57.0%.

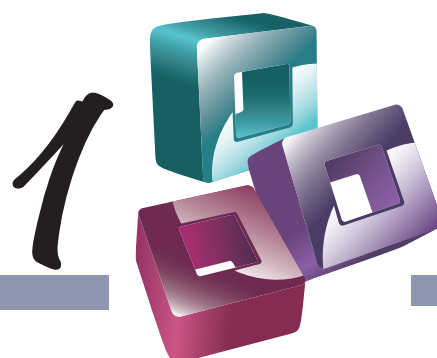
Compared to 2022, the unemployment rate records a drop by 0.1 pp with both sexes. These rates amounted to 9.9% in female and 9.0% in male population in 2023, while the number of unemployed women was 141 500, and 154 400 men.

The outside the labour force population contingent in 2023 recorded a drop primarily in female population, by 48 400, while there were 7 900 less men outside the labour force than in 2022. Thus, the rate of population outside the labour force recorded a decrease in both sexes, amounting to 51.4% for women and 37.3% for men and in 2023, which represents a decrease of 1.3 pp and 0.1 pp respectively.

## Informal employment

In 2023, there was an increase of formally employed persons by 34 200, and a decrease of informally employed individuals by 10 800. Such trends have resulted in a drop in informal employment rate by 0.5 pp compared to 2022, amounting to 12.5% in the observed year.

The number of informally employed individuals recorded a decrease in the agriculture sector by 5 400, in the services sector by 3 300, in the industry sector by 1 900, while the construction sector recorded almost the same number of informally employed persons as in 2022.



Population aged 15 and over



### Rounding rules

The Labour Force Results are published rounded to thousands, with one decimal place.

Total values (summaries) are not always in agreement with the sums of individual information considering that the results provided in statistical publications are calculated with use of unrounded numbers (providing more accurate data).

**Table 1.1. Basic labour force contingents trend by age group, 2023/2022**

	2023	2022	Changes against previous year	
		(thous.)	(thous.)	%
<b>Population aged 15+</b>	<b>5665.9</b>	<b>5699.4</b>	<b>-33.4</b>	<b>-0.6</b>
Active	3137.8	3114.8	23.0	0.7
Employed	2842.0	2818.5	23.5	0.8
Unemployed	295.8	296.3	-0.5	-0.2
Outside the labor force	2528.1	2584.5	-56.4	-2.2
<b>Youth population (15–24)</b>	<b>672.5</b>	<b>676.3</b>	<b>-3.8</b>	<b>-0.6</b>
Active	214.3	216.4	-2.1	-1.0
Employed	160.7	163.7	-3.1	-1.9
Unemployed	53.6	52.7	1.0	1.8
Outside the labor force	458.2	459.8	-1.7	-0.4
<b>Working-age population (15–64)</b>	<b>4189.2</b>	<b>4233.8</b>	<b>-44.6</b>	<b>-1.1</b>
Active	3002.7	3001.0	1.7	0.1
Employed	2710.9	2706.6	4.3	0.2
Unemployed	291.8	294.4	-2.6	-0.9
Outside the labor force	1186.6	1232.8	-46.3	-3.8

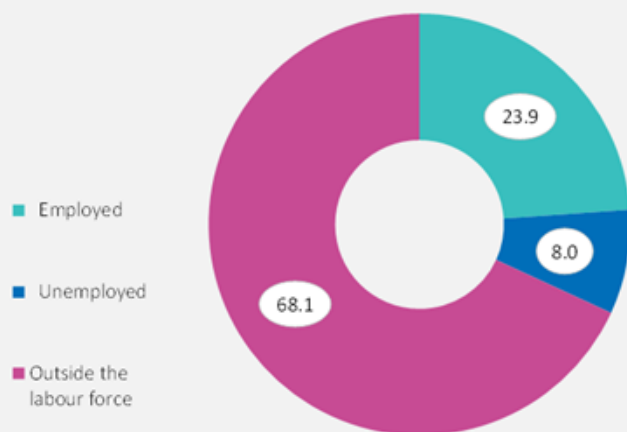
**Table 1.2. Activity, employment, unemployment and outside the labor force rates by age groups, 2023/2022**

	2023	2022	Changes against the previous year
	%	%	in percentages, points
<b>Population aged 15+</b>			
Activity rate	55.4	54.7	0.7
Employment rate	50.2	49.5	0.7
Unemployment rate	9.4	9.5	-0.1
Outside the labor force rate	44.6	45.3	-0.7
<b>Youth population (15–24)</b>			
Activity rate	31.9	32.0	-0.1
Employment rate	23.9	24.2	-0.3
Unemployment rate	25.0	24.3	0.7
Outside the labor force rate	68.1	68.0	0.1
<b>Working-age population (15–64)</b>			
Activity rate	71.7	70.9	0.8
Employment rate	64.7	63.9	0.8
Unemployment rate	9.7	9.8	-0.1
Outside the labor force rate	28.3	29.1	-0.8

Data in Tables 1.1 and 1.2 are compared to revised data for 2022.

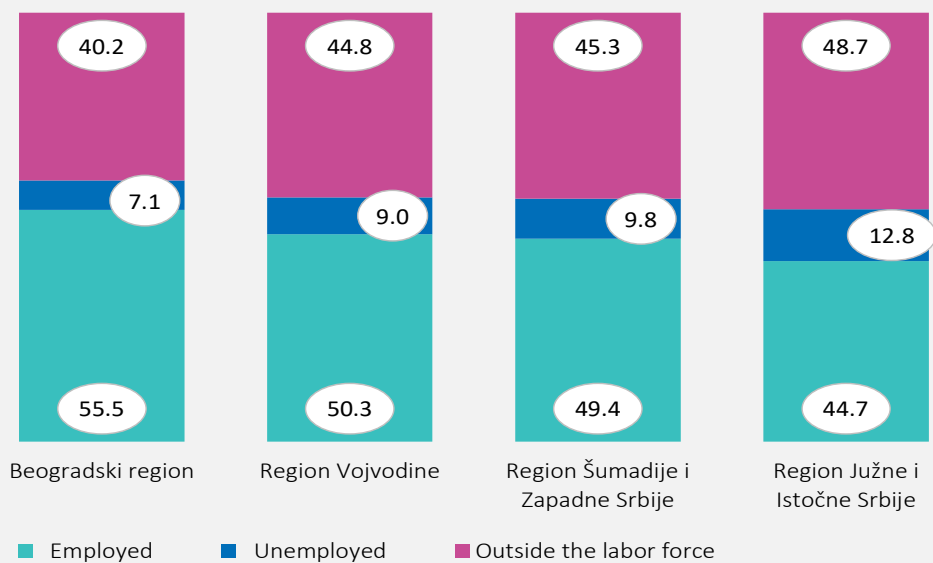
**Table 1.3. Population by working status, age groups, region and type of settlement, 2023**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Population aged 15+ (in thous.)</b>	<b>5665.9</b>	<b>1426.3</b>	<b>1479.2</b>	<b>1551.8</b>	<b>1208.7</b>	<b>...</b>	<b>3451.7</b>	<b>2214.2</b>
Active	3137.8	852.6	816.6	848.9	619.6	...	1922.3	1215.5
Employed	2842.0	792.0	743.4	766.1	540.4	...	1739.8	1102.2
Unemployed	295.8	60.6	73.3	82.8	79.2	...	182.5	113.3
Outside the labor force	2528.1	573.6	662.6	702.9	589.1	...	1529.4	998.7
Activity rate (%)	55.4	59.8	55.2	54.7	51.3	...	55.7	54.9
Employment rate (%)	50.2	55.5	50.3	49.4	44.7	...	50.4	49.8
Unemployment rate (%)	9.4	7.1	9.0	9.8	12.8	...	9.5	9.3
Outside the labor force rate (%)	44.6	40.2	44.8	45.3	48.7	...	44.3	45.1
<b>Youth population (15–24) (in thous.)</b>	<b>672.5</b>	<b>163.1</b>	<b>176.7</b>	<b>190.4</b>	<b>142.3</b>	<b>...</b>	<b>410.0</b>	<b>262.5</b>
Active	214.3	52.4	61.4	56.9	43.6	...	115.0	99.3
Employed	160.7	41.3	47.4	42.7	29.3	...	83.3	77.4
Unemployed	53.6	11.1	14.1	14.2	14.3	...	31.8	21.9
Outside the labor force	458.2	110.6	115.2	133.6	98.8	...	295.0	163.2
Activity rate (%)	31.9	32.1	34.8	29.9	30.6	...	28.1	37.8
Employment rate (%)	23.9	25.3	26.8	22.4	20.6	...	20.3	29.5
Unemployment rate (%)	25.0	21.2	22.9	24.9	32.8	...	27.6	22.0
Outside the labor force rate (%)	68.1	67.9	65.2	70.1	69.4	...	71.9	62.2
<b>Working-age population (in thous.) (15–64)</b>	<b>4189.2</b>	<b>1083.7</b>	<b>1100.1</b>	<b>1130.5</b>	<b>875.0</b>	<b>...</b>	<b>2578.3</b>	<b>1610.9</b>
Active	3002.7	826.7	790.2	792.6	593.2	...	1875.4	1127.2
Employed	2710.9	767.0	718.0	711.0	514.8	...	1695.8	1015.0
Unemployed	291.8	59.6	72.2	81.6	78.4	...	179.6	112.2
Outside the labor force	1186.6	257.0	309.9	337.9	281.8	...	702.9	483.7
Activity rate (%)	71.7	76.3	71.8	70.1	67.8	...	72.7	70.0
Employment rate (%)	64.7	70.8	65.3	62.9	58.8	...	65.8	63.0
Unemployment rate (%)	9.7	7.2	9.1	10.3	13.2	...	9.6	10.0
Outside the labor force rate (%)	28.3	23.7	28.2	29.9	32.2	...	27.3	30.0

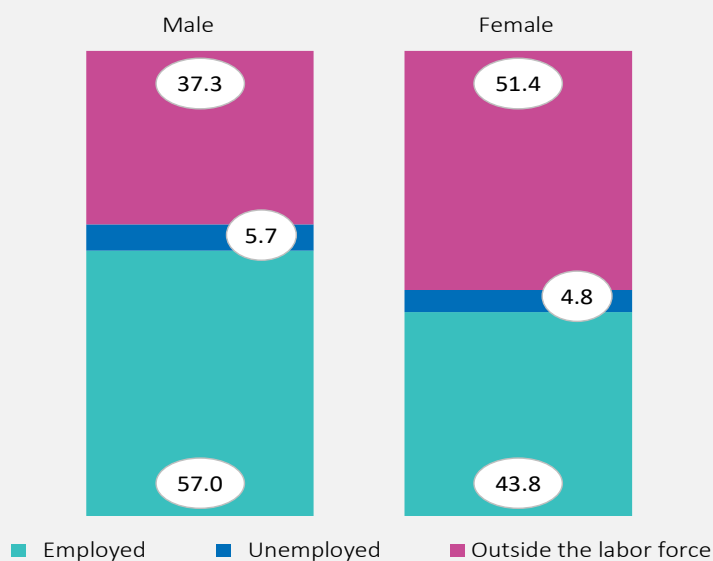
**Graph 1.** Working status of persons aged 15–24, for 2023 (in %)



**Graph. 2. Employed, unemployed and outside the labor force by regions, 2023 (in %)**



**Graph. 3. Employed, unemployed and outside the labor force by sex, 2023 (in %)**



**Table 1.4. Male population by working status, age group, region and type of settlement, 2023**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Population aged 15+ (in thous.)</b>	<b>2727.9</b>	<b>663.0</b>	<b>711.7</b>	<b>758.3</b>	<b>594.9</b>	<b>...</b>	<b>1618.4</b>	<b>1109.5</b>
Active	1710.2	436.5	454.3	470.7	348.7	..	1009.9	700.3
Employed	1555.9	405.4	413.3	428.4	308.8	...	914.7	641.2
Unemployed	154.4	31.1	41.0	42.3	39.9	...	95.2	59.2
Outside the labor force	1017.7	226.5	257.5	287.6	246.1	...	608.4	409.2
Activity rate (%)	62.7	65.8	63.8	62.1	58.6	...	62.4	63.1
Employment rate (%)	57.0	61.1	58.1	56.5	51.9	...	56.5	57.8
Unemployment rate (%)	9.0	7.1	9.0	9.0	11.4	...	9.4	8.4
Outside the labor force rate (%)	37.3	34.2	36.2	37.9	41.4	...	37.6	36.9
<b>Youth population (15-24) (in thous.)</b>	<b>344.2</b>	<b>82.4</b>	<b>90.4</b>	<b>98.0</b>	<b>73.4</b>	<b>...</b>	<b>207.9</b>	<b>136.3</b>
Active	132.4	29.8	38.8	36.7	27.1	..	70.5	62.0
Employed	100.9	23.7	30.2	28.2	18.9	...	51.5	49.5
Unemployed	31.5	6.1	8.6	8.6	8.2	...	19.0	12.5
Outside the labor force	211.7	52.7	51.5	61.3	46.2	...	137.5	74.3
Activity rate (%)	38.5	36.1	43.0	37.5	37.0	...	33.9	45.5
Employment rate (%)	29.3	28.7	33.4	28.7	25.8	...	24.8	36.3
Unemployment rate (%)	23.8	20.5	22.3	23.4	30.2	...	26.9	20.2
Outside the labor force rate (%)	61.5	63.9	57.0	62.5	63.0	...	66.1	54.5
<b>Working-age population (15–64) (in thous.)</b>	<b>2091.3</b>	<b>523.5</b>	<b>552.7</b>	<b>569.6</b>	<b>445.5</b>	<b>...</b>	<b>1259.1</b>	<b>832.2</b>
Active	1626.9	420.8	437.0	437.2	331.9	..	980.5	646.4
Employed	1475.3	390.2	396.9	395.7	292.4	...	887.3	588.0
Unemployed	151.6	30.5	40.1	41.4	39.5	...	93.2	58.3
Outside the labor force	464.5	102.7	115.7	132.4	113.6	...	278.6	185.8
Activity rate (%)	77.8	80.4	79.1	76.7	74.5	...	77.9	77.7
Employment rate (%)	70.5	74.5	71.8	69.5	65.6	...	70.5	70.7
Unemployment rate (%)	9.3	7.3	9.2	9.5	11.9	...	9.5	9.0
Outside the labor force rate (%)	22.2	19.6	20.9	23.3	25.5	...	22.1	22.3

**Table 1.5. Female population by working status, age group, region and type of settlement, 2023**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Population aged 15+ (in thous.)</b>	<b>2938.0</b>	<b>763.3</b>	<b>767.4</b>	<b>793.5</b>	<b>613.8</b>	<b>...</b>	<b>1833.3</b>	<b>1104.7</b>
Active	1427.5	416.1	362.3	378.2	270.9	..	912.4	515.2
Employed	1286.1	386.6	330.1	337.7	231.6	...	825.1	461.0
Unemployed	141.5	29.5	32.3	40.5	39.2	...	87.3	54.2
Outside the labor force	1510.5	347.2	405.1	415.3	342.9	...	921.0	589.5
Activity rate (%)	48.6	54.5	47.2	47.7	44.1	...	49.8	46.6
Employment rate (%)	43.8	50.7	43.0	42.6	37.7	...	45.0	41.7
Unemployment rate (%)	9.9	7.1	8.9	10.7	14.5	...	9.6	10.5
Outside the labor force rate (%)	51.4	45.5	52.8	52.3	55.9	...	50.2	53.4
<b>Youth population (15-24) (in thous.)</b>	<b>328.3</b>	<b>80.6</b>	<b>86.3</b>	<b>92.4</b>	<b>69.0</b>	<b>...</b>	<b>202.1</b>	<b>126.2</b>
Active	81.9	22.7	22.6	20.1	16.4	..	44.6	37.3
Employed	59.7	17.6	17.2	14.5	10.4	...	31.8	27.9
Unemployed	22.1	5.0	5.4	5.6	6.1	...	12.8	9.3
Outside the labor force	246.4	58.0	63.7	72.2	52.5	...	157.5	88.9
Activity rate (%)	24.9	28.1	26.2	21.8	23.8	...	22.1	29.5
Employment rate (%)	18.2	21.9	19.9	15.7	15.0	...	15.7	22.1
Unemployment rate (%)	27.0	22.1	24.0	27.8	37.0	...	28.7	25.0
Outside the labor force rate (%)	75.1	71.9	73.8	78.2	76.2	...	77.9	70.5
<b>Working-age population (15-64) (in thous.)</b>	<b>2097.9</b>	<b>560.2</b>	<b>547.4</b>	<b>560.8</b>	<b>429.5</b>	<b>...</b>	<b>1319.2</b>	<b>778.7</b>
Active	1375.8	405.9	353.2	355.4	261.2	..	895.0	480.8
Employed	1235.5	376.8	321.1	315.3	222.4	...	808.6	427.0
Unemployed	140.2	29.1	32.2	40.1	38.8	...	86.4	53.9
Outside the labor force	722.1	154.3	194.2	205.4	168.2	...	424.3	297.8
Activity rate (%)	65.6	72.5	64.5	63.4	60.8	...	67.8	61.8
Employment rate (%)	58.9	67.3	58.7	56.2	51.8	...	61.3	54.8
Unemployment rate (%)	10.2	7.2	9.1	11.3	14.9	...	9.7	11.2
Outside the labor force rate (%)	34.4	27.5	35.5	36.6	39.2	...	32.2	38.2

**Table 1.6. Population by age groups, sex and working status, 2023 (in thous.)**

	Total	Active	Employed	Unemployed	Outside the labor force
<b>Total</b>	<b>5665.9</b>	<b>3137.8</b>	<b>2842.0</b>	<b>295.8</b>	<b>2528.1</b>
15–19 years	336.8	42.7	28.2	14.5	294.1
20–24	335.6	171.6	132.4	39.2	164.0
25–29	364.1	296.7	255.7	41.0	67.4
30–34	396.5	345.5	312.8	32.7	51.1
35–39	443.6	393.4	361.0	32.4	50.3
40–44	470.7	414.7	382.2	32.5	56.0
45–49	479.3	422.2	388.8	33.4	57.1
50–54	452.2	361.2	333.4	27.8	91.0
55–59	444.8	321.3	296.9	24.5	123.5
60–64	465.4	233.4	219.4	14.0	232.0
65–69	485.8	75.4	72.0	3.4	410.3
70–74	443.9	43.9	43.3	/	400.0
75 +	547.0	15.8	15.8	-	531.2
<b>Male</b>	<b>2727.9</b>	<b>1710.2</b>	<b>1555.9</b>	<b>154.4</b>	<b>1017.7</b>
15–19 years	172.6	29.5	19.1	10.3	143.2
20–24	171.6	103.0	81.8	21.2	68.6
25–29	185.7	163.4	140.8	22.6	22.3
30–34	201.3	187.0	172.5	14.5	14.3
35–39	224.9	208.2	193.3	14.9	16.7
40–44	237.2	219.6	205.0	14.6	17.6
45–49	240.3	221.0	205.4	15.6	19.3
50–54	223.2	192.5	177.5	14.9	30.8
55–59	215.0	170.3	156.9	13.4	44.7
60–64	219.6	132.5	123.1	9.5	87.1
65–69	223.3	43.8	41.4	2.4	179.5
70–74	195.9	28.9	28.5	/	167.0
75 +	217.3	10.7	10.7	-	206.6
<b>Female</b>	<b>2938.0</b>	<b>1427.5</b>	<b>1286.1</b>	<b>141.5</b>	<b>1510.5</b>
15–19 years	164.2	13.3	9.1	4.1	151.0
20–24	164.1	68.6	50.6	18.0	95.5
25–29	178.4	133.3	115.0	18.3	45.1
30–34	195.3	158.5	140.3	18.2	36.8
35–39	218.8	185.2	167.7	17.5	33.6
40–44	233.5	195.1	177.2	17.9	38.4
45–49	239.0	201.2	183.4	17.8	37.8
50–54	229.0	168.7	155.9	12.9	60.3
55–59	229.8	151.0	140.0	11.1	78.8
60–64	245.8	100.9	96.4	4.5	144.9
65–69	262.4	31.6	30.7	/	230.8
70–74	248.0	15.0	14.8	/	233.0
75 +	329.7	5.1	5.1	-	324.6

**Table 1.7. Population (aged 15-89) by education, sex and working status, 2023 (in thous.)**

	Total	Active	Employed	Unemployed	Outside the labor force
<b>Persons (aged 15-89)</b>	<b>5642.5</b>	<b>3137.8</b>	<b>2842.0</b>	<b>295.8</b>	<b>2504.7</b>
No formal education	41.0	4.8	1.7	3.1	36.1
Primary	1388.2	405.1	356.1	49.0	983.0
Secondary	2986.0	1815.8	1634.3	181.4	1170.2
Higher	1227.4	912.1	849.8	62.2	315.4
Early school leavers (aged 18-24), in thous. <sup>(1)</sup>	27.5	13.7	7.5	6.3	13.7
Early school leavers rate (aged 18-24), (%) <sup>(2)</sup>	5.8	6.7	4.9	12.0	5.2
NEET- Persons age 15–24 not in employed, education or training (in thous.)	83.6	40.7	-	40.7	42.9
NEET rate (Share of people aged 15–24 not in employed, education or training) (%) <sup>(3)</sup>	12.4	19.0	-	75.9	9.4
<b>Male (aged 15-89)</b>	<b>2719.1</b>	<b>1710.2</b>	<b>1555.9</b>	<b>154.4</b>	<b>1008.8</b>
No formal education	12.0	3.2	/	2.4	8.8
Primary	574.5	231.9	203.2	28.6	342.7
Secondary	1583.3	1070.0	969.7	100.3	513.4
Higher	549.2	405.2	382.2	23.1	144.0
Early school leavers (aged 18-24), in thous. <sup>(1)</sup>	13.9	9.8	5.6	4.2	4.1
Early school leavers rate (aged 18-24), (%) <sup>(2)</sup>	5.8	7.7	5.8	14.0	3.6
NEET- Persons aged 15–24 not in employed, education or training (in thous.)	43.7	24.8	-	24.8	18.9
NEET rate (Share of people aged 15–24 not in employed, education or training) (%) <sup>(3)</sup>	12.7	18.7	-	78.7	8.9
<b>Female (aged 15-89)</b>	<b>2923.4</b>	<b>1427.5</b>	<b>1286.1</b>	<b>141.5</b>	<b>1495.9</b>
No formal education	29.0	1.7	/	/	27.3
Primary	813.6	173.3	152.9	20.4	640.4
Secondary	1402.6	745.8	664.6	81.2	656.8
Higher	678.2	506.8	467.7	39.1	171.4
Early school leavers (aged 18-24), in thous. <sup>(1)</sup>	13.6	4.0	1.9	2.0	9.6
Early school leavers rate (aged 18-24), (%) <sup>(2)</sup>	5.9	5.0	3.3	9.4	6.3
NEET- Persons aged 15–24 not in employed, education or training (in thous.)	39.9	15.9	-	15.9	24.1
NEET rate (Share of people aged 15–24 not in employed, education or training) (%) <sup>(3)</sup>	12.2	19.4	-	71.8	9.8

<sup>1)</sup> Persons aged 18 to 24 who have completed at most the primary school, not attending education or training.

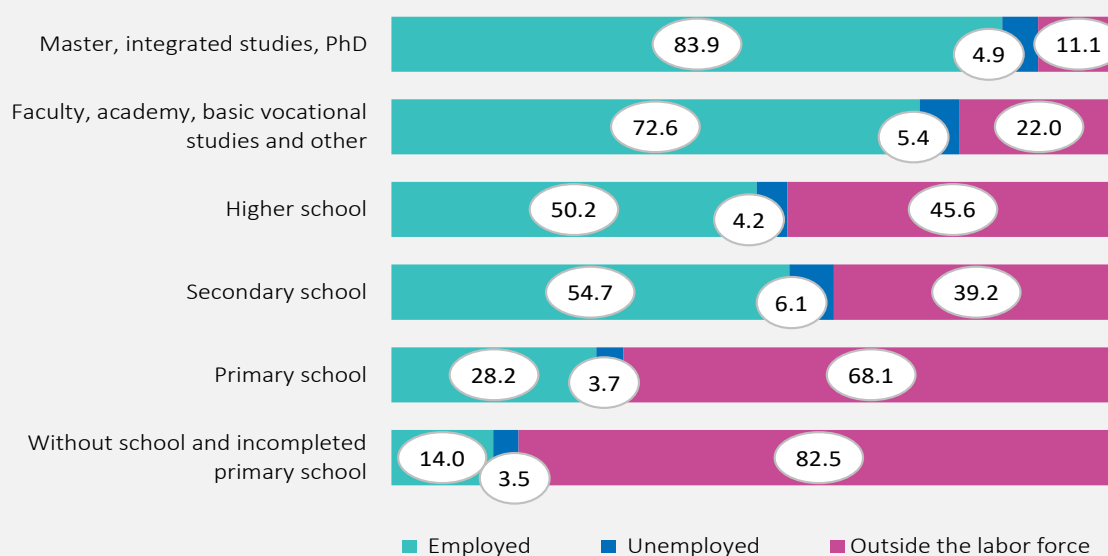
<sup>2)</sup> Share of people aged 18 to 24 who have completed at most the primary school, not attending education or training in the total population of the given age.

<sup>3)</sup> NEET rate includes share of persons aged 15–24 who are not in employed, education or training in the total population of the given age.

**Table 1.8. Person (aged 15-89) status by subjective opinion, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Persons (aged 15-89)</b>	<b>5642.5</b>	<b>1420.5</b>	<b>1473.5</b>	<b>1546.2</b>	<b>1202.3</b>	<b>...</b>	<b>3438.6</b>	<b>2203.9</b>
Employed	2413.8	721.2	645.9	604.6	442.1	...	1594.1	819.7
Unemployed	764.2	135.9	185.0	232.5	210.8	...	409.1	355.1
Retired	1578.0	367.1	404.9	446.0	359.9	...	954.8	623.2
Person unable to work due to long-term health problem	65.5	14.1	18.4	19.4	13.6	...	33.6	31.8
Pupil/student, postgraduate student, unpaid interns	486.9	127.0	118.4	140.7	100.8	...	322.5	164.4
Person doing housework in their household (househusband, housewife)	318.0	50.4	97.3	100.2	70.1	...	115.6	202.4
Person doing mandatory community service	/	/	/	-	/	...	/	/
Other	14.6	4.3	3.4	2.5	4.4	...	8.0	6.6
Volunteer	/	/	/	-	/	...	/	/
<b>Male (aged 15- 89)</b>	<b>2719.1</b>	<b>660.7</b>	<b>710.0</b>	<b>756.3</b>	<b>592.1</b>	<b>...</b>	<b>1613.7</b>	<b>1105.4</b>
Employed	1311.5	363.7	355.6	343.8	248.3	...	825.3	486.2
Unemployed	412.9	71.0	104.5	124.2	113.3	...	210.8	202.1
Retired	694.0	151.8	175.3	200.2	166.8	...	399.4	294.6
Person unable to work due to long-term health problem	38.7	7.9	10.4	12.1	8.2	...	19.1	19.6
Pupil/student, postgraduate student, unpaid interns	226.6	60.8	54.3	64.9	46.6	...	150.0	76.7
Person doing housework in their household (househusband, housewife)	24.8	1.9	8.0	8.6	6.2	...	3.6	21.2
Person doing mandatory community service	/	/	/	-	/	...	/	/
Other	9.8	3.2	1.9	2.2	2.4	...	4.9	4.9
Volunteer	/	/	/	/	/	...	/	/
<b>Female (aged 15-89)</b>	<b>2923.4</b>	<b>759.8</b>	<b>763.5</b>	<b>789.9</b>	<b>610.2</b>	<b>...</b>	<b>1824.9</b>	<b>1098.5</b>
Employed	1102.3	357.4	290.3	260.8	193.8	...	768.8	333.5
Unemployed	351.3	65.0	80.5	108.3	97.5	...	198.2	153.1
Retired	884.0	215.3	229.7	245.8	193.2	...	555.4	328.6
Person unable to work due to long-term health problem	26.8	6.2	7.9	7.2	5.4	...	14.5	12.3
Pupil/student, postgraduate student, unpaid interns	260.3	66.1	64.1	75.8	54.2	...	172.5	87.7
Person doing housework in their household (househusband, housewife)	293.3	48.5	89.3	91.6	63.9	...	112.0	181.2
Person doing mandatory community service	/	-	-	-	/	...	-	/
Other	4.8	/	1.5	/	2.0	...	3.1	1.7
Volunteer	/	/	/	/	/	...	/	/

**Graph. 4. Employed, unemployed and outside the labor force structure according to the highest completed level of education, 2023 (in %)**

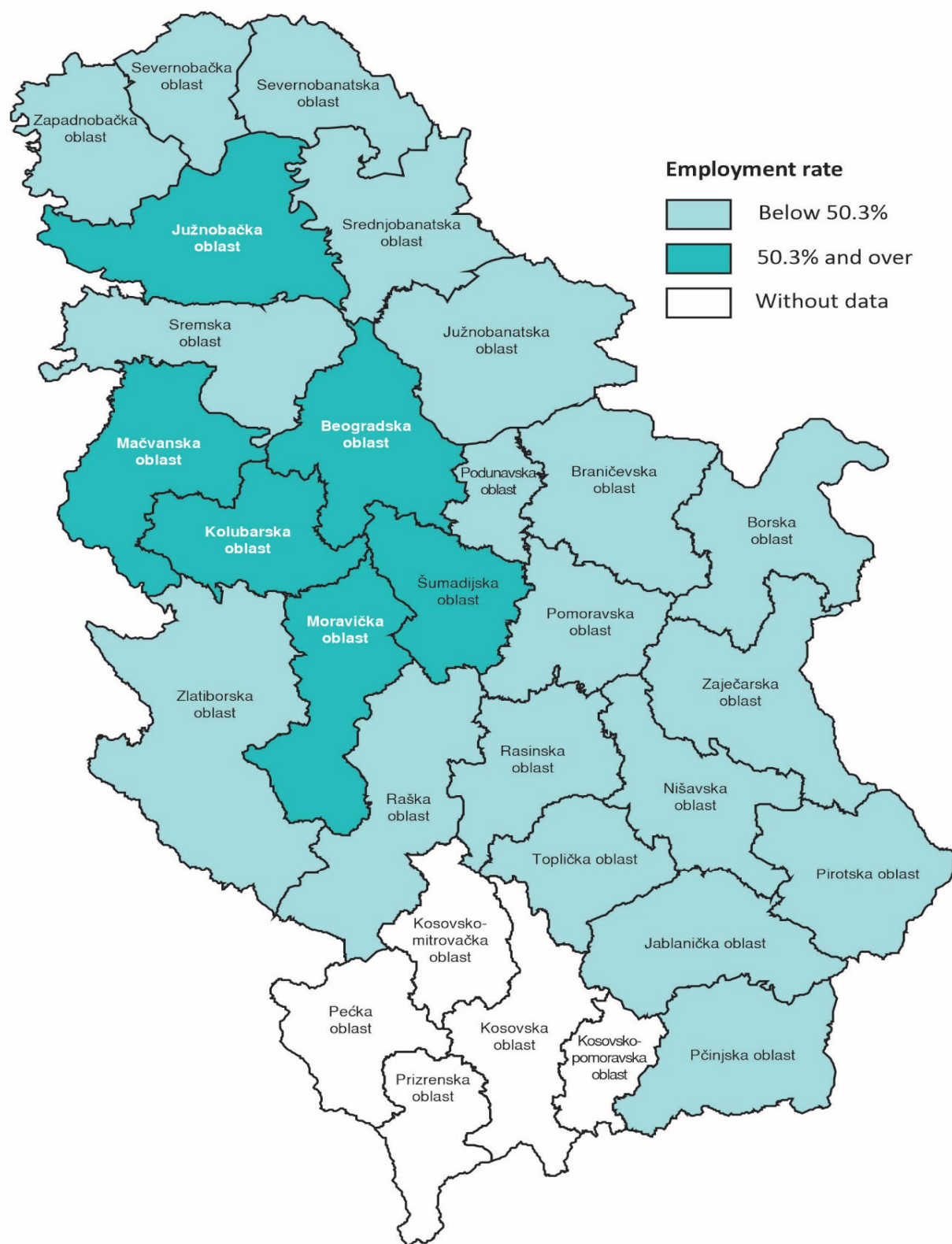


**Table 1.9. Activity, employment, unemployment and outside the labor force rates (age 15 +) by district, 2023 (in %)**

	Activity rate	Employment rate	Unemployment rate	Outside the labor force rate
Beogradska oblast	59.8	55.5	7.1	40.2
Severnobačka oblast	52.7	48.6	7.7	47.3
Centralnobanatska oblast	53.5	48.5	9.3	46.5
Severnobanatska oblast	52.1	47.5	8.9	47.9
Južnobanatska oblast	53.7	48.4	9.8	46.3
Zapadnobačka oblast	51.4	45.6	11.3	48.6
Južnobačka oblast	59.3	54.1	8.6	40.7
Sremska oblast	53.8	49.3	8.3	46.2
Mačvanska oblast	59.0	52.8	10.5	41.0
Kolubarska oblast	60.3	56.6	6.1	39.7
Podunavska oblast	53.0	46.8	11.7	47.0
Braničevska oblast	51.4	44.6	13.3	48.6
Šumadijska oblast	56.3	51.3	8.8	43.7
Pomoravska oblast	51.1	42.5	16.8	48.9
Borska oblast	47.5	41.9	11.9	52.5
Zaječarska oblast	48.8	41.6	14.8	51.2
Zlatiborska oblast	54.7	49.4	9.7	45.3
Moravička oblast	61.3	58.0	5.5	38.7
Raška oblast	46.9	41.6	11.2	53.1
Rasinska oblast	51.0	45.9	10.0	49.0
Nišavska oblast	51.0	45.4	11.0	49.0
Toplička oblast	51.8	44.8	13.5	48.2
Pirotska oblast	50.4	44.0	12.7	49.6
Jablanička oblast	53.2	48.3	9.2	46.8
Pčinjska oblast	51.6	41.6	19.4	48.4

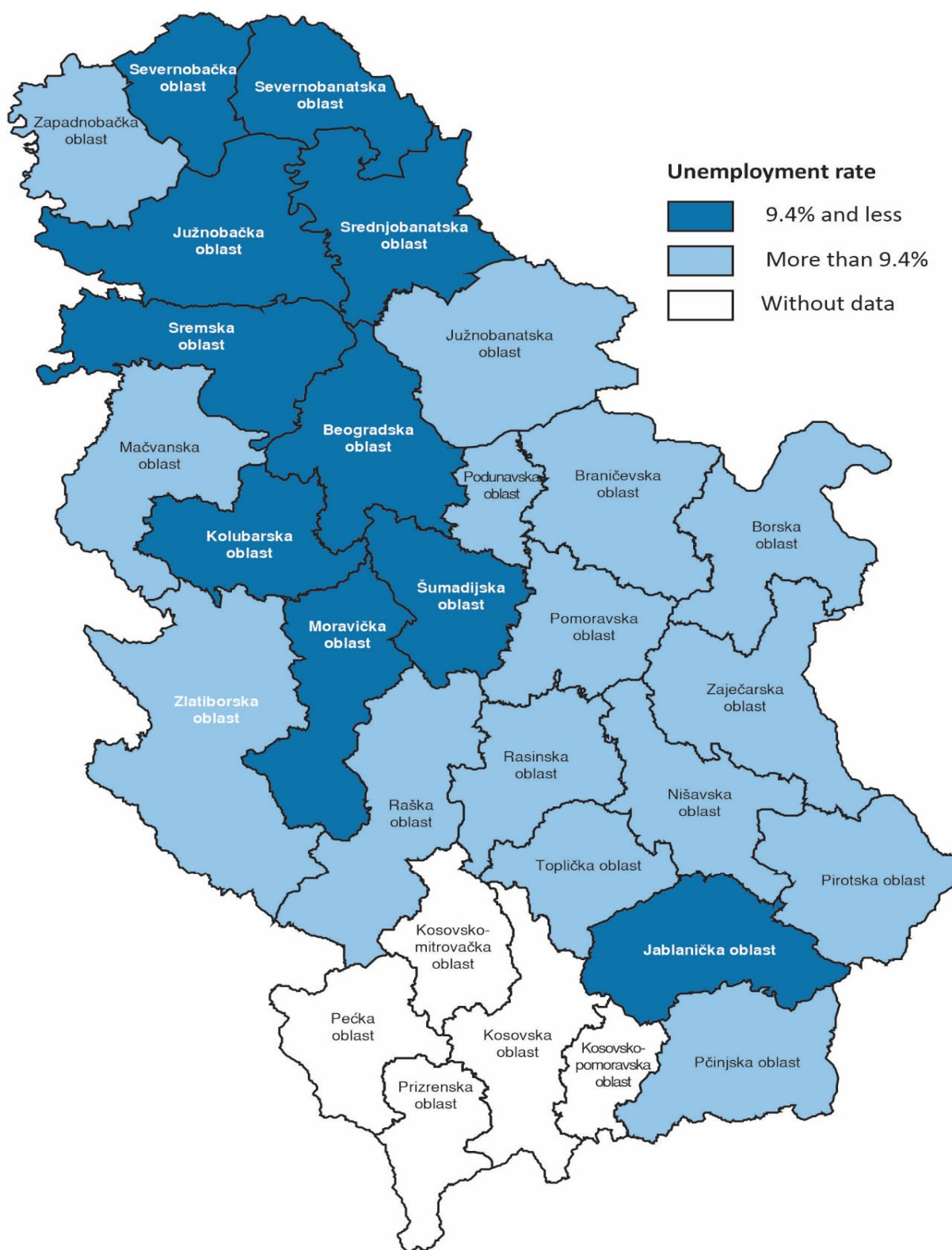


**Map 1. Employment rate by district 2023**



Rate of employment in the Republic of Serbia = 50.2%

**Map 2. Unemployment rate by district, 2023**



Rate of unemployment in the Republic of Serbia = 9.4%



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Employed



**Table 2.1. Employed by age group, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employed (15–89)</b>	<b>2842.0</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>	<b>1739.8</b>	<b>1102.2</b>
15–24 years	160.7	41.3	47.4	42.7	29.3	...	83.3	77.4
25–34	568.5	172.3	148.8	138.7	108.7	...	365.0	203.5
35–44	743.2	227.2	193.4	187.7	135.0	...	499.3	243.9
45–54	722.2	197.8	190.5	191.4	142.4	...	451.4	270.8
55–64	516.3	128.4	137.9	150.6	99.4	...	296.8	219.5
65 +	131.1	25.0	25.3	55.1	25.6	...	43.9	87.2
<b>Male</b>	<b>1555.9</b>	<b>405.4</b>	<b>413.3</b>	<b>428.4</b>	<b>308.8</b>	<b>...</b>	<b>914.7</b>	<b>641.2</b>
15–24 years	100.9	23.7	30.2	28.2	18.9	...	51.5	49.5
25–34	313.2	87.1	82.2	78.9	65.0	...	194.2	119.0
35–44	398.3	114.9	106.2	102.3	75.0	...	257.7	140.6
45–54	382.9	99.8	103.0	104.7	75.5	...	233.3	149.6
55–64	279.9	64.9	75.4	81.7	58.0	...	150.5	129.5
65 +	80.6	15.2	16.4	32.6	16.4	...	27.5	53.1
<b>Female</b>	<b>1286.1</b>	<b>386.6</b>	<b>330.1</b>	<b>337.7</b>	<b>231.6</b>	<b>...</b>	<b>825.1</b>	<b>461.0</b>
15–24 years	59.7	17.6	17.2	14.5	10.4	...	31.8	27.9
25–34	255.3	85.2	66.6	59.8	43.7	...	170.8	84.5
35–44	344.9	112.3	87.2	85.4	60.0	...	241.6	103.3
45–54	339.3	98.1	87.5	86.7	67.0	...	218.1	121.2
55–64	236.3	63.6	62.5	68.9	41.4	...	146.3	90.0
65 +	50.5	9.9	9.0	22.5	9.2	...	16.5	34.0

**Table 2.2. Employed by level of education, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employed (15–89)</b>	<b>2842.0</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>..</b>	<b>1739.8</b>	<b>1102.2</b>
No formal education	1.7	/	/	/	/	..	/	/
Primary	356.1	41.0	102.1	136.5	76.6	...	99.6	256.5
Secondary	1634.3	394.3	447.4	466.4	326.2	..	927.6	706.7
Higher	849.8	356.1	193.7	162.8	137.3	..	711.6	138.2
<b>Male</b>	<b>1555.9</b>	<b>405.4</b>	<b>413.3</b>	<b>428.4</b>	<b>308.8</b>	<b>...</b>	<b>914.7</b>	<b>641.2</b>
No formal education	/	/	/	-	/	...	/	/
Primary	203.2	22.6	64.2	73.1	43.3	...	56.9	146.4
Secondary	969.7	227.0	260.9	283.6	198.2	...	538.5	431.2
Higher	382.2	155.2	88.1	71.6	67.2	...	318.7	63.5
<b>Female</b>	<b>1286.1</b>	<b>386.6</b>	<b>330.1</b>	<b>337.7</b>	<b>231.6</b>	<b>...</b>	<b>825.1</b>	<b>461.0</b>
No formal education	/	/	/	/	/	...	/	/
Primary	152.9	18.3	37.9	63.4	33.2	...	42.7	110.1
Secondary	664.6	167.2	186.5	182.8	128.1	...	389.1	275.5
Higher	467.7	200.8	105.5	91.2	70.1	...	392.9	74.8

**Table 2.3. Employed (aged 15-89 and 15-64) by professional status, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>	<b>1739.8</b>	<b>1102.2</b>
Self-employed with employees	104.6	29.9	25.3	30.1	19.3	...	72.2	32.4
Self-employed w/o employees	361.2	82.8	88.0	121.1	69.3	...	161.9	199.3
Employees	2211.5	666.6	605.3	525.1	414.5	...	1486.9	724.7
Unpaid family worker	164.6	12.7	24.7	89.8	37.4	...	18.9	145.7
<b>Working-age population (aged 15–64)</b>	<b>2710.9</b>	<b>767.0</b>	<b>718.0</b>	<b>711.0</b>	<b>514.8</b>	<b>...</b>	<b>1695.8</b>	<b>1015.0</b>
Self-employed with employees	99.0	27.7	24.3	28.9	18.1	...	68.5	30.5
Self-employed w/o employees	302.6	76.4	77.0	93.2	56.0	...	147.2	155.4
Employees	2183.9	654.0	597.0	521.1	411.8	...	1465.7	718.2
Unpaid family worker	125.3	9.0	19.7	67.7	28.9	...	14.4	110.9
<b>Male</b>								
<b>Employed (aged 15–89)</b>	<b>1555.9</b>	<b>405.4</b>	<b>413.3</b>	<b>428.4</b>	<b>308.8</b>	<b>...</b>	<b>914.7</b>	<b>641.2</b>
Self-employed with employees	74.8	20.9	16.7	23.5	13.6	...	51.4	23.4
Self-employed w/o employees	285.9	59.0	68.9	101.5	56.6	...	116.9	169.1
Employees	1149.9	321.2	319.1	281.1	228.4	...	739.7	410.1
Unpaid family worker	45.3	4.3	8.6	22.4	10.1	...	6.8	38.6
<b>Working-age population (aged 15–64)</b>	<b>1475.3</b>	<b>390.2</b>	<b>396.9</b>	<b>395.7</b>	<b>292.4</b>	<b>...</b>	<b>887.3</b>	<b>588.0</b>
Self-employed with employees	70.7	19.4	16.1	22.5	12.7	...	48.8	21.9
Self-employed w/o employees	235.7	53.8	59.7	77.3	45.0	...	105.2	130.5
Employees	1134.0	314.1	315.0	278.2	226.7	...	728.3	405.7
Unpaid family worker	34.9	2.9	6.2	17.7	8.1	...	5.0	29.9
<b>Female</b>								
<b>Employed (aged 15–89)</b>	<b>1286.1</b>	<b>386.6</b>	<b>330.1</b>	<b>337.7</b>	<b>231.6</b>	<b>...</b>	<b>825.1</b>	<b>461.0</b>
Self-employed with employees	29.9	9.0	8.6	6.7	5.7	...	20.8	9.1
Self-employed w/o employees	75.2	23.8	19.1	19.6	12.7	...	45.0	30.2
Employees	1061.7	345.4	286.2	244.0	186.0	...	747.1	314.6
Unpaid family worker	119.3	8.4	16.2	67.5	27.2	...	12.1	107.2
<b>Working-age population (aged 15–64)</b>	<b>1235.5</b>	<b>376.8</b>	<b>321.1</b>	<b>315.3</b>	<b>222.4</b>	<b>...</b>	<b>808.6</b>	<b>427.0</b>
Self-employed with employees	28.3	8.3	8.2	6.4	5.4	...	19.7	8.6
Self-employed w/o employees	66.9	22.6	17.3	15.9	11.1	...	42.0	24.9
Employees	1049.9	339.9	282.0	242.9	185.1	...	737.4	312.5
Unpaid family worker	90.5	6.0	13.5	50.0	20.9	...	9.5	81.0

**Table 2.4. Employed by usual working hours, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>	<b>1739.8</b>	<b>1102.2</b>
1–14 hours	15.1	4.3	4.4	4.1	2.2	...	9.3	5.7
15–35	103.7	28.8	27.2	29.1	18.7	...	49.3	54.4
36–48	2173.1	647.2	588.5	527.3	410.0	...	1462.9	710.1
49–59 hours	127.2	29.0	29.4	48.4	20.4	...	48.5	78.7
More than 60 work hours	125.4	26.2	20.1	59.8	19.3	...	40.2	85.2
Usual working hours varying week by week	297.6	56.6	73.6	97.4	69.9	...	129.6	168.0
<b>Male</b>	<b>1555.9</b>	<b>405.4</b>	<b>413.3</b>	<b>428.4</b>	<b>308.8</b>	<b>...</b>	<b>914.7</b>	<b>641.2</b>
1–14 hours	5.4	/	2.0	1.4	/	...	3.1	2.3
15–35	46.2	11.9	12.6	12.9	8.8	...	22.0	24.2
36–48	1120.3	311.3	309.4	276.8	222.8	...	729.1	391.1
49–59 hours	82.7	19.8	21.9	27.3	13.7	...	34.8	47.9
More than 60 work hours	100.2	21.4	16.5	47.9	14.3	...	33.6	66.6
Usual working hours varying week by week	201.2	39.7	50.9	62.1	48.6	...	92.2	109.1
<b>Female</b>	<b>1286.1</b>	<b>386.6</b>	<b>330.1</b>	<b>337.7</b>	<b>231.6</b>	<b>...</b>	<b>825.1</b>	<b>461.0</b>
1–14 hours	9.7	2.9	2.4	2.8	1.6	...	6.2	3.5
15–35	57.5	16.9	14.6	16.2	9.9	...	27.3	30.2
36–48	1052.8	335.9	279.2	250.5	187.3	...	733.8	319.0
49–59 hours	44.5	9.2	7.6	21.1	6.7	...	13.7	30.8
More than 60 work hours	25.2	4.8	3.6	11.9	4.9	...	6.6	18.6
Usual working hours varying week by week	96.3	17.0	22.7	35.4	21.3	...	37.4	59.0



**Table 2.5. Employed by usual working hours and professional status, 2023 (%)**

	1–14 hours	15–35	36–48	49–59 hours	More than 60 work hours	Usual working hours varying week by week
Employed by professional status (aged 15–89)						
Self-employed with employees	/	1.9	58.9	12.0	10.3	16.7
Self-employed w/o employees	1.4	7.6	22.8	12.1	15.0	41.1
Employees	0.3	2.2	91.0	2.0	1.7	2.9
Unpaid family worker	1.6	16.1	10.6	16.8	14.5	40.4

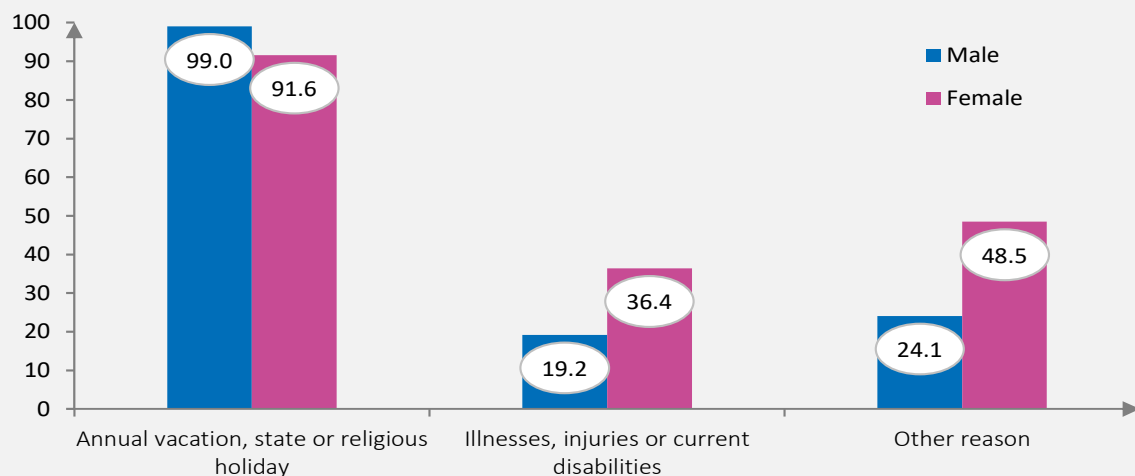
**Table 2.6. Employed by usual working hours and major occupation group, 2023 (%)**

	1–14 hours	15–35	36–48	49–59 hours	More than 60 work hours	Usual working hours varying week by week
Managers (directors), officials and legislators	/	1.8	72.5	7.4	5.9	12.3
Professional and art experts	0.7	3.1	88.5	1.8	1.1	4.9
Engineers, professional associates and technicians	0.5	2.5	91.9	1.1	1.0	2.9
Administrative workers	/	1.3	94.4	1.2	/	2.6
Service and trade occupations	0.5	3.2	86.3	2.9	2.0	5.1
Farmers, foresters, fisherman and related	1.1	11.4	9.6	17.6	21.3	39.0
Craft workers and related	/	2.4	75.7	5.6	5.0	11.2
Machine and plant operators, fitters and drivers	/	1.0	87.1	2.6	3.2	6.1
Simple occupations	1.3	6.0	69.2	3.6	2.8	17.1
Military occupations	-	-	92.7	-	/	/

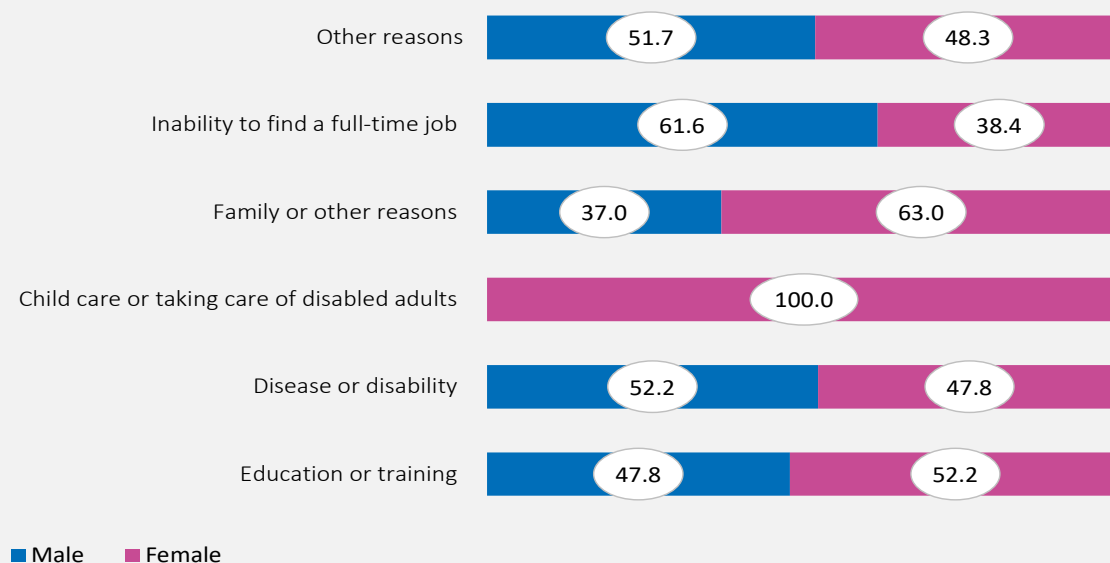
**Table 2.7. Employed by usual working hours and sector of activity, 2023 (%)**

	1–14 hours	15–35	36–48	49–59 hours	More than 60 work hours	Usual working hours varying week by week
Agriculture, forestry and fishing	1.1	10.8	15.8	15.7	18.5	38.1
Mining and quarrying	-	/	96.6	/	/	/
Processing industry	/	1.1	92.5	1.7	1.7	3.0
Electricity, gas and vapor supply	/	/	97.7	/	-	/
Water supply, waste water management	-	/	93.8	/	/	3.5
Construction	/	2.8	53.7	10.8	11.7	20.8
Wholesale and retail trade; repair of motor vehicles	/	2.4	86.6	3.4	1.7	5.7
Transportation and storage	/	2.2	80.2	3.0	4.4	10.2
Accommodation and catering services	/	3.2	79.6	5.6	3.8	7.3
Information and communication	/	1.6	90.2	2.3	1.6	4.4
Financial and insurance activities	/	/	93.0	3.2	/	/
Real estate activities	/	/	65.1	/	-	/
Professional, scientific, innovation and technical activities	/	3.8	81.1	3.0	2.1	9.5
Administrative and supporting service activities	2.0	5.9	80.3	/	/	9.4
State administration, defence and compulsory social insurance	/	/	96.9	/	/	2.1
Education	1.1	5.0	91.5	/	/	1.6
Health and social protection	/	2.7	93.9	0.9	/	1.7
Arts, entertainment and recreation	3.6	6.3	67.8	2.9	0.5	19.0
Other service activities	/	6.1	69.3	5.7	2.4	15.3
Activities of households as employers	10.0	26.9	17.7	/	/	41.8
Activity of extraterritorial organizations and bodies	-	/	/	-	-	-

**Graph. 5. Employed by reason of absence from work the whole day or part of the day, by sex, 2023 (in thous.)**



**Graph. 6. Employed by reasons of part-time employment, by sex, 2023 (in %)**

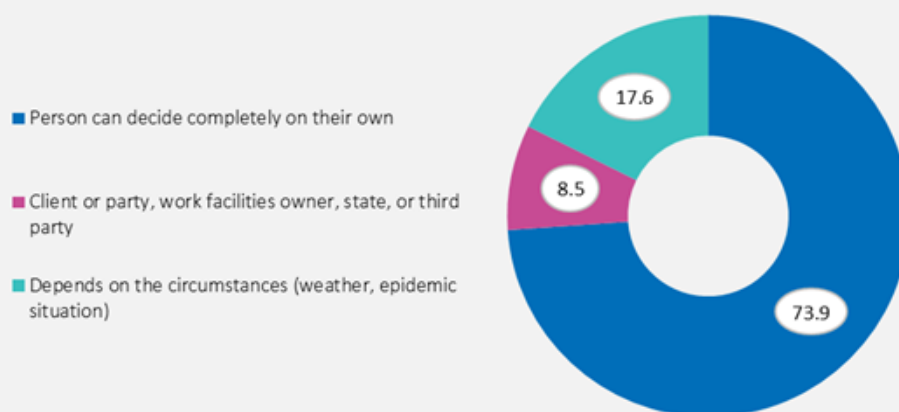


**Table 2.8. Employed (aged 15-89 and 15-64) by ownership, work hours, sex and region, 2023 (in thous.)**

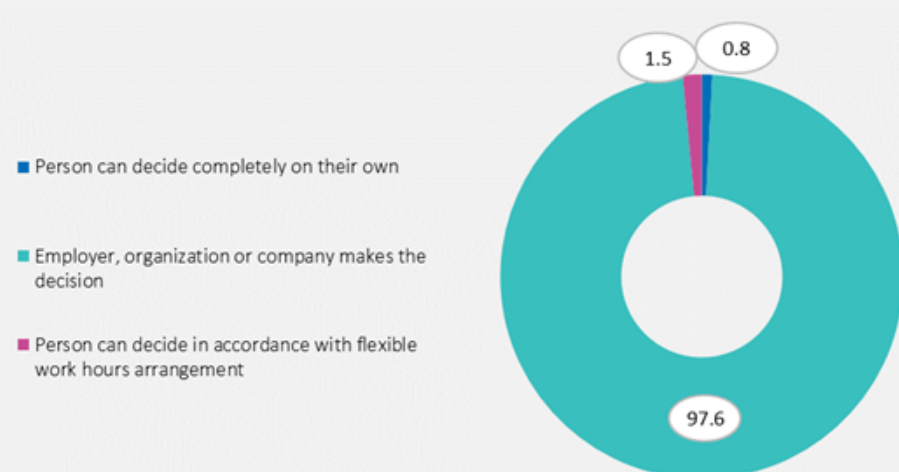
	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>1555.9</b>	<b>1286.1</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>
<b>Private ownership</b>	<b>2098.4</b>	<b>1216.4</b>	<b>882.1</b>	<b>546.1</b>	<b>568.4</b>	<b>597.4</b>	<b>386.5</b>	<b>...</b>
Full-time	1914.4	1121.9	792.5	505.6	521.2	540.8	346.8	...
Part-time	184.1	94.5	89.6	40.5	47.3	56.6	39.7	...
<b>State ownership</b>	<b>716.1</b>	<b>322.6</b>	<b>393.6</b>	<b>233.3</b>	<b>170.6</b>	<b>163.4</b>	<b>148.9</b>	<b>...</b>
Full-time	700.0	317.4	382.6	228.0	164.9	160.1	147.0	...
Part-time	16.2	5.2	11.0	5.3	5.7	3.2	1.9	...
<b>Other forms of ownership<sup>1)</sup></b>	<b>27.4</b>	<b>16.9</b>	<b>10.5</b>	<b>12.6</b>	<b>4.3</b>	<b>5.4</b>	<b>5.1</b>	<b>...</b>
Full-time	18.0	11.8	6.2	6.9	3.2	4.4	3.6	...
Part-time	9.4	5.1	4.2	5.6	/	/	1.5	...
<b>Working-age population (aged 15–64)</b>	<b>2710.9</b>	<b>1475.3</b>	<b>1235.5</b>	<b>767.0</b>	<b>718.0</b>	<b>711.0</b>	<b>514.8</b>	<b>...</b>
<b>Private ownership</b>	<b>1974.9</b>	<b>1139.0</b>	<b>835.9</b>	<b>525.2</b>	<b>544.6</b>	<b>543.5</b>	<b>361.6</b>	<b>...</b>
Full-time	1837.7	1069.3	768.4	493.1	507.1	505.5	331.9	...
Part-time	137.2	69.8	67.5	32.1	37.5	38.0	29.6	...
<b>State ownership</b>	<b>710.8</b>	<b>320.4</b>	<b>390.4</b>	<b>230.7</b>	<b>169.4</b>	<b>162.4</b>	<b>148.3</b>	<b>...</b>
Full-time	695.8	315.6	380.3	225.7	164.1	159.6	146.5	...
Part-time	15.0	4.8	10.2	5.0	5.3	2.9	1.9	...
<b>Other forms of ownership 1)</b>	<b>25.1</b>	<b>15.9</b>	<b>9.3</b>	<b>11.1</b>	<b>4.1</b>	<b>5.1</b>	<b>4.9</b>	<b>...</b>
Full-time	17.0	11.4	5.6	6.3	3.1	4.3	3.3	...
Part-time	8.1	4.5	3.6	4.9	/	/	1.5	...

<sup>1)</sup> Other forms of ownership include joint ownership, ownership in business entities where privatisation has not been completed, and ownership in an organization without the form of ownership.

**Graph 7. Self-employed and unpaid family workers by decision-makers on their working hours, 2023 (%)**



**Graph 7a. Employees by decision-makers on their working hours, 2023 (%)**



**Table 2.9. Employed (aged 15-89 and 15-64) by sector of activity, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>1555.9</b>	<b>1286.1</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>
No reply	-	-	-	-	-	-	-	...
Agriculture, forestry and fishing	373.2	224.2	149.0	22.6	92.6	174.7	83.3	...
Mining and quarrying	36.9	32.2	4.7	9.2	4.2	8.8	14.8	...
Processing industry	551.3	322.5	228.8	79.7	175.1	177.5	119.1	...
Electricity, gas and vapor supply	40.5	30.7	9.8	13.0	7.8	9.1	10.6	...
Water supply, waste water management	40.3	29.3	11.0	7.5	10.8	10.9	11.2	...
Construction	167.3	150.9	16.3	45.0	43.0	49.4	29.9	...
Wholesale and retail trade; repair of motor vehicles	382.9	174.2	208.7	123.1	102.9	93.7	63.2	...
Transportation and storage	154.3	121.3	33.0	54.7	35.5	36.4	27.7	...
Accommodation and catering services	99.2	51.0	48.2	33.9	25.1	24.8	15.4	...
Information and communication	122.2	77.9	44.3	69.6	30.0	10.7	11.9	...
Financial and insurance activities	51.1	20.2	31.0	26.0	10.0	9.3	5.9	...
Real estate activities	6.6	3.4	3.2	4.2	/	/	/	...
Professional, scientific, innovation and technical activities	116.9	54.1	62.8	64.1	22.7	16.7	13.5	...
Administrative and supporting service activities	72.5	40.4	32.1	32.3	19.3	9.0	11.9	...
State administration, defence and compulsory social insurance	156.3	84.6	71.7	50.4	36.0	31.2	38.8	...
Education	174.9	44.1	130.8	54.7	49.2	41.9	29.1	...
Health and social protection	172.0	36.0	136.0	54.0	47.3	36.3	34.4	...
Arts, entertainment and recreation	59.3	32.0	27.3	24.7	14.7	9.6	10.4	...
Other service activities	51.2	23.6	27.6	18.1	12.3	13.4	7.3	...
Activities of households as employers	11.5	2.5	9.1	3.9	4.0	1.9	1.8	...
Activity of extraterritorial organizations and bodies	1.5	/	/	/	-	-	-	...

**Table 2.9. Employed (aged 15-89 and 15-64) by sector of activity, sex and region, 2023 (in thous.) (continued)**

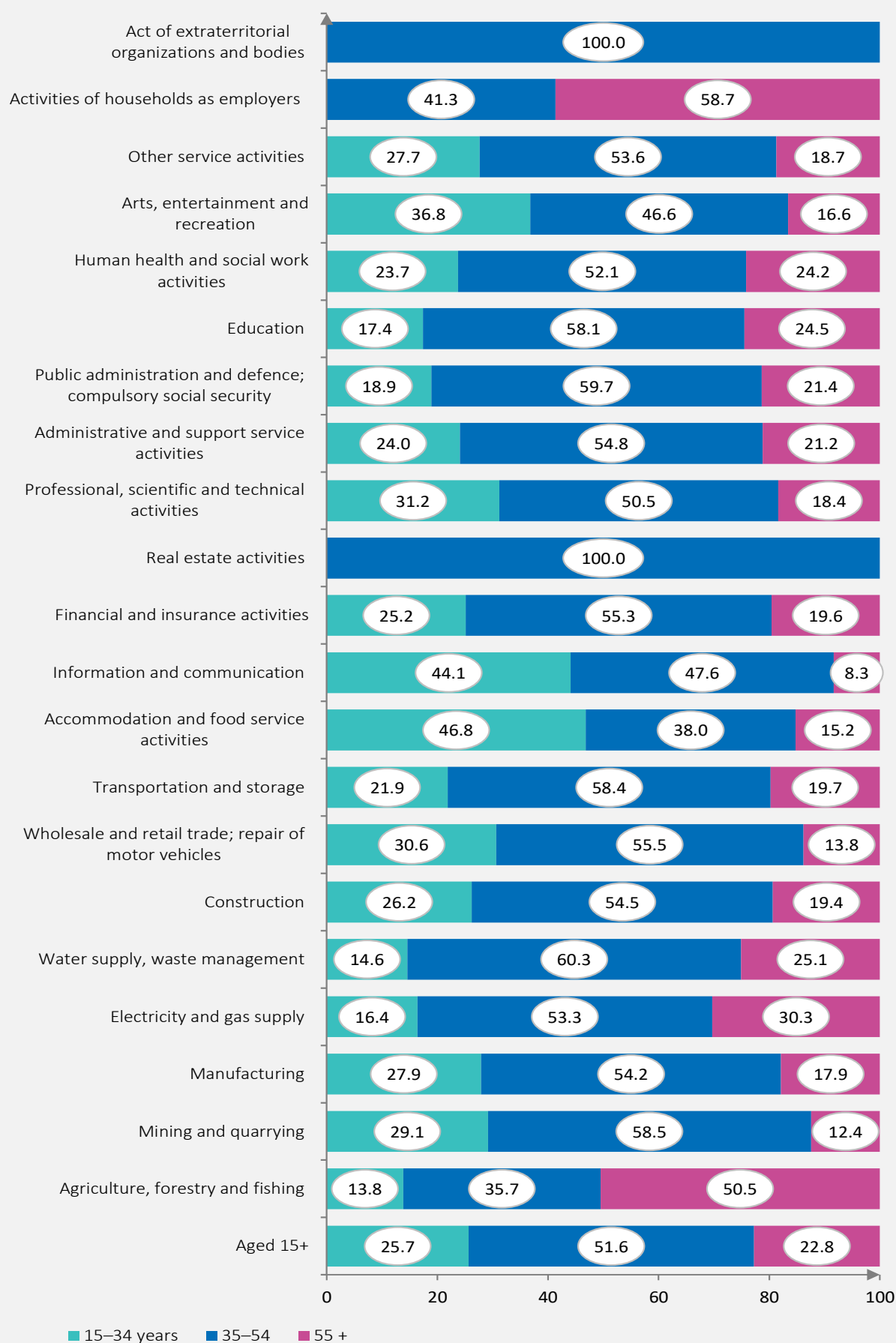
	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Working-age population (aged 15–64)</b>	<b>2710.9</b>	<b>1475.3</b>	<b>1235.5</b>	<b>767.0</b>	<b>718.0</b>	<b>711.0</b>	<b>514.8</b>	<b>...</b>
No reply	-	-	-	-	-	-	-	...
Agriculture, forestry and fishing	287.1	171.6	115.5	17.1	79.2	128.1	62.6	...
Mining and quarrying	36.8	32.1	4.7	9.2	4.2	8.7	14.7	...
Processing industry	544.6	317.3	227.3	77.5	173.1	176.0	118.0	...
Electricity, gas and vapor supply	40.0	30.2	9.8	12.9	7.8	8.9	10.4	...
Water supply, waste water management	40.1	29.2	10.9	7.4	10.6	10.9	11.2	...
Construction	163.1	147.1	16.0	43.0	42.0	48.7	29.5	...
Wholesale and retail trade; repair of motor vehicles	376.0	170.0	206.0	120.2	101.2	92.0	62.5	...
Transportation and storage	151.2	118.4	32.8	53.5	34.5	35.8	27.4	...
Accommodation and catering services	97.2	50.0	47.2	33.4	24.6	23.9	15.2	...
Information and communication	121.4	77.4	44.1	69.2	29.8	10.6	11.8	...
Financial and insurance activities	50.6	20.0	30.6	25.6	10.0	9.2	5.9	...
Real estate activities	6.2	3.0	3.2	3.8	/	/	/	...
Professional, scientific, innovation and technical activities	111.1	50.8	60.3	61.4	21.3	15.5	12.9	...
Administrative and supporting service activities	69.0	38.6	30.4	30.3	18.3	8.7	11.7	...
State administration, defence and compulsory social insurance	155.4	84.4	71.0	50.1	35.7	31.0	38.7	...
Education	172.9	43.3	129.5	53.3	48.9	41.8	28.9	...
Health and social protection	169.4	35.2	134.1	52.8	46.7	35.9	34.1	...
Arts, entertainment and recreation	57.9	31.0	26.9	23.9	14.4	9.3	10.2	...
Other service activities	49.8	22.7	27.1	17.7	11.9	13.2	7.0	...
Activities of households as employers	9.6	2.2	7.5	3.2	3.1	1.8	1.5	...
Activity of extraterritorial organizations and bodies	1.5	/	/	/	-	-	-	...

**Table 2.10. Employed by sector of activity and age groups, 2023 (in thous.)**

	15–34 years	35–54	55 +
<b>Total</b>	729.2	1465.4	647.4
Agriculture, forestry and fishing	51.6	133.1	188.5
Mining and quarrying	10.8	21.6	4.6
Processing industry	153.8	299.0	98.5
Electricity, gas and vapor supply	6.6	21.6	12.3
Water supply, waste water management	5.9	24.3	10.1
Construction	43.8	91.1	32.4
Wholesale and retail trade; repair of motor vehicles	117.3	212.6	53.0
Transportation and storage	33.7	90.1	30.5
Accommodation and catering services	46.4	37.7	15.1
Information and communication	53.9	58.2	10.2
Financial and insurance activities	12.9	28.3	10.0
Real estate activities	/	4.0	1.4
Professional, scientific, innovation and technical activities	36.5	59.0	21.5
Administrative and supporting service activities	17.4	39.7	15.4
State administration, defence and compulsory social insurance	29.6	93.3	33.4
Education	30.5	101.6	42.9
Health and social protection	40.8	89.6	41.6
Arts, entertainment and recreation	21.8	27.6	9.8
Other service activities	14.1	27.4	9.6
Activities of households as employers	/	4.2	6.8
Activity of extraterritorial organizations and bodies	-	1.4	/



**Graph 8. Employed by sector of activity and age groups, 2023 (in %)**



**Table 2.11. Employed (aged 15-89 and 15-64) by occupation, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>1555.9</b>	<b>1286.1</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>
Managers (directors), officials and legislators	113.6	72.6	41.0	41.6	31.7	25.1	15.2	...
Professional and art experts	466.8	202.8	264.0	214.7	116.0	73.4	62.7	...
Engineers, professional associates and technicians	348.9	153.2	195.8	112.8	98.0	75.0	63.1	...
Administrative workers	263.2	109.4	153.8	110.6	53.5	57.3	41.8	...
Service and trade occupations	427.4	181.7	245.7	126.0	117.1	101.1	83.2	...
Farmers, foresters, fisherman and related	315.5	186.4	129.1	19.6	59.3	163.3	73.3	...
Craft workers and related	332.0	277.4	54.6	64.1	95.2	110.9	61.8	...
Machine and plant operators, fitters and drivers	313.0	234.1	78.9	44.6	97.5	89.8	81.1	...
Simple occupations	244.0	121.6	122.4	53.4	73.0	66.6	51.0	...
Military occupations	17.6	16.8	/	4.8	2.1	3.6	7.1	...
<b>Working-age population (aged 15–64)</b>	<b>2710.9</b>	<b>1475.3</b>	<b>1235.5</b>	<b>767.0</b>	<b>718.0</b>	<b>711.0</b>	<b>514.8</b>	<b>...</b>
Managers (directors), officials and legislators	110.4	70.0	40.4	40.0	31.1	24.4	15.0	...
Professional and art experts	457.4	197.8	259.5	210.0	113.6	72.0	61.7	...
Engineers, professional associates and technicians	345.4	151.4	194.0	111.7	97.1	74.0	62.6	...
Administrative workers	260.0	107.9	152.1	108.6	53.0	56.9	41.5	...
Service and trade occupations	416.2	175.0	241.2	120.7	114.2	99.4	81.9	...
Farmers, foresters, fisherman and related	232.4	135.6	96.8	14.5	47.3	117.6	53.0	...
Craft workers and related	326.9	272.8	54.1	62.2	93.7	109.6	61.3	...
Machine and plant operators, fitters and drivers	308.6	229.9	78.7	43.6	95.7	88.7	80.6	...
Simple occupations	236.1	118.1	117.9	50.9	70.1	64.8	50.2	...
Military occupations	17.6	16.8	/	4.8	2.1	3.6	7.1	...

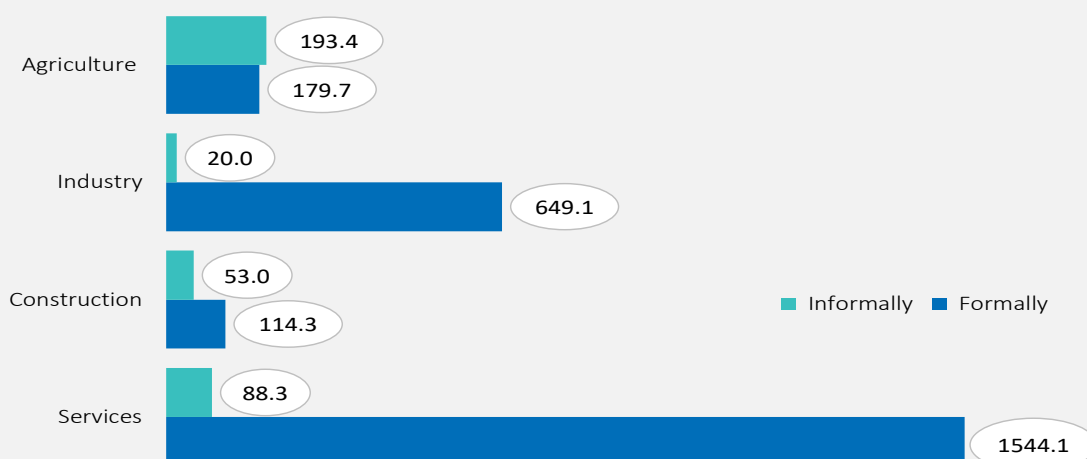
**Table 2.12. Employed by sector of activity and major occupation groups, 2023 (in thous.)**

	Managers (directors), officials and legislators	Profession- al and art experts	Techni- cians and pro- fessional associ-ates	Admini- strative workers	Service and trade occupa- tions	Farmers, foresters, fisherman and related	Craft workers and related	Machine and plant operators, asse-mblers and drivers	Simple occupa-tions	Military occupa- tions
<b>Total</b>	<b>113.6</b>	<b>466.8</b>	<b>348.9</b>	<b>263.2</b>	<b>427.4</b>	<b>315.5</b>	<b>332.0</b>	<b>313.0</b>	<b>244.0</b>	<b>17.6</b>
No reply	-	-	-	-	-	-	-	-	-	-
Agriculture, forestry and fishing	1.4	3.8	4.6	/	2.1	314.6	2.5	8.5	34.6	-
Mining and quarrying	1.4	3.8	4.9	2.8	1.7	-	7.4	12.2	2.8	-
Processing industry	20.9	34.7	56.8	35.3	21.9	/	166.0	165.3	50.5	-
Electricity, gas and vapor supply	2.1	5.3	7.3	6.1	/	/	8.8	5.9	3.5	-
Water supply, waste water management	1.5	2.4	4.4	8.4	1.8	-	5.9	4.9	11.1	-
Construction	10.0	9.2	10.8	8.5	2.7	-	77.8	16.4	31.9	-
Wholesale and retail trade; repair of motor vehicles	20.9	19.7	39.1	37.4	207.4	/	31.5	15.6	11.3	-
Transportation and storage	7.1	6.7	12.3	39.3	5.8	-	6.1	69.8	7.2	-
Accommodation and catering services	8.0	3.4	2.7	6.0	59.9	-	2.5	/	15.6	-
Information and communication	4.1	77.5	18.2	10.5	2.7	-	6.5	1.5	/	-
Financial and insurance activities	4.0	12.4	13.6	18.4	2.1	-	/	-	/	-
Real estate activities	/	/	2.5	/	/	-	-	/	/	-
Professional, scientific, innovation and technical activities	11.0	56.4	26.1	17.3	/	-	2.5	/	2.3	-
Administrative and supporting service activities	3.8	5.5	4.4	13.8	16.9	/	1.9	2.8	22.8	-
State administration, defence and compulsory social insurance	4.0	29.3	34.4	28.0	35.0	-	1.5	2.0	4.4	17.6
Education	5.3	119.5	8.1	5.9	15.1	-	/	/	19.5	-
Health and social protection	2.2	53.9	80.7	5.6	12.6	-	1.6	3.2	12.1	-
Arts, entertainment and recreation	2.4	16.5	14.3	14.1	7.1	/	1.4	/	3.0	-
Other service activities	2.4	5.7	3.5	2.9	23.9	-	7.1	2.0	3.6	-
Activities of households as employers	-	-	/	-	6.0	/	/	/	5.4	-
Activity of extraterritorial organizations and bodies	-	/	/	/	/	-	-	-	/	-

**Table 2.13. Employed by employment formality, age groups, professional status, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>1555.9</b>	<b>1286.1</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	<b>...</b>
<b>Formally employed</b>	<b>2487.2</b>	<b>1371.5</b>	<b>1115.7</b>	<b>725.2</b>	<b>659.5</b>	<b>636.0</b>	<b>466.5</b>	<b>...</b>
aged 15–24	129.9	79.6	50.3	33.9	39.5	32.3	24.2	...
25–54	1841.3	981.4	859.9	558.4	485.5	451.9	345.4	...
55–64	440.8	251.3	189.5	116.3	119.7	122.4	82.4	...
65+	75.2	59.1	16.1	16.5	14.8	29.4	14.4	...
<b>By professional status</b>								
Self-employed with employees	103.2	73.5	29.6	29.7	24.9	29.5	19.1	...
Self-employed w/o employees	268.4	213.4	55.0	56.4	63.9	99.2	48.9	...
Employees	2115.6	1084.5	1031.1	639.2	570.7	507.3	398.5	...
Unpaid family workers	-	-	-	-	-	-	-	...
<b>Informally employed</b>	<b>354.7</b>	<b>184.4</b>	<b>170.3</b>	<b>66.8</b>	<b>83.8</b>	<b>130.1</b>	<b>74.0</b>	<b>...</b>
aged 15–24	30.7	21.3	9.4	7.4	7.9	10.4	5.1	...
25–54	192.6	113.0	79.6	38.9	47.2	65.9	40.7	...
55–64	75.5	28.6	46.9	12.1	18.2	28.1	17.0	...
65 +	55.9	21.5	34.5	8.5	10.5	25.7	11.2	...
<b>By professional status (in thous.)</b>								
Self-employed with employees	1.5	/	/	/	/	/	/	...
Self-employed w/o employees	92.8	72.5	20.3	26.5	24.1	21.8	20.4	...
Employees	95.9	65.3	30.6	27.5	34.6	17.8	16.0	...
Unpaid family workers	164.6	45.3	119.3	12.7	24.7	89.8	37.4	...
<b>Informal employment rate (%)</b>	<b>12.5</b>	<b>11.9</b>	<b>13.2</b>	<b>8.4</b>	<b>11.3</b>	<b>17.0</b>	<b>13.7</b>	<b>..</b>

**Graph. 9. Formally/informally employed by industry sector, 2023 (in thous.)**



#### Note

The **agriculture sector** includes Agriculture, forestry and fishing.

The **industry sector** includes Ore mining, Processing industry, Power, gas and vapor supply and Water supply and waste water management.

The **construction sector** includes only Construction.

The **services sector** includes Wholesale and retail, Traffic and storage, Accommodation and catering services, Information and communication, Financial and insurance activities, Real estate business, Expert, scientific, innovative and technical activities, Administrative and supporting service activities, State administration and compulsory social insurance, Education, Health and social care, Art, entertainment and recreation, Other service activities, Household activity as an employer, Activity of extraterritorial

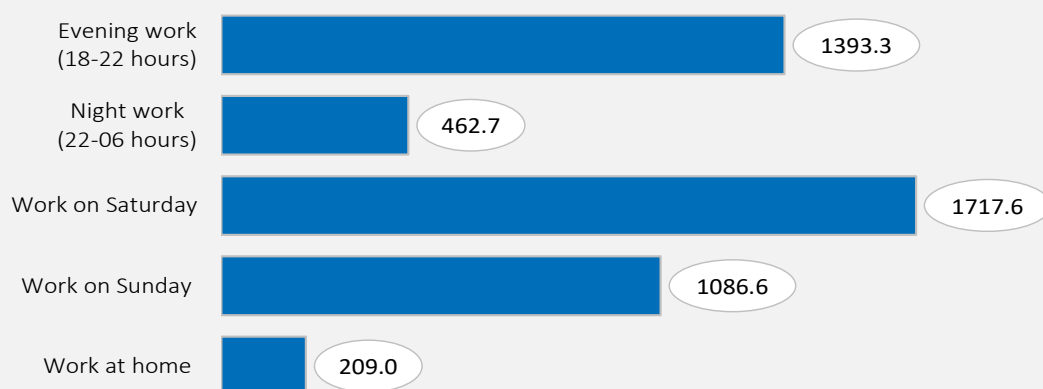
**Table 2.14. Employed working from home, at weekends, in the evening or at night by major occupation groups, 2023 (%)**

	Work from home	Saturdays	Sundays	In the evening	At night
Managers (directors), officials and legislators	9.6	3.2	2.5	3.0	2.3
Professional and art experts	53.8	7.4	7.3	11.6	8.3
Engineers, and technicians	13.1	9.8	9.8	10.3	15.0
Administrative workers	9.2	5.3	4.0	5.2	6.2
Service and trade occupations	4.4	21.1	23.7	22.3	21.5
Farmers, foresters, fisherman and related	6.6	17.1	25.7	16.0	3.3
Craft workers and related	1.8	13.0	7.3	9.2	9.5
Machine and plant operators, assemblers and drivers	/	13.3	10.4	14.1	25.1
Simple occupations	0.9	9.2	8.1	7.4	6.4
Military occupations	/	0.8	1.1	0.9	2.4

**Table 2.15. Employed working from home, at weekends, in the evening or at night by sector of activity, 2023 (%)**

	Work from home	Saturdays	Sundays	In the evening	At night
Agriculture, forestry and fishing	7.5	19.6	28.5	17.6	4.3
Mining and quarrying	/	1.4	1.8	1.5	3.7
Processing industry	9.4	19.1	10.7	19.0	29.8
Electricity, gas and vapor supply	/	1.0	1.3	1.0	2.1
Water supply, waste water management	/	1.0	1.0	0.7	1.0
Construction	2.4	6.7	3.3	2.6	1.1
Wholesale and retail trade; repair of motor vehicles	7.5	16.5	14.1	15.1	4.5
Transportation and storage	2.0	5.7	6.3	6.5	11.3
Accommodation and catering services	0.8	5.1	6.9	5.8	8.2
Information and communication	26.0	2.2	2.5	2.9	3.4
Financial and insurance activities	3.5	0.6	0.3	0.5	/
Real estate activities	/	0.2	0.2	0.2	/
Professional, scientific, innovation and technical activities	16.7	2.3	1.7	2.5	1.4
Administrative and supporting service activities	2.2	2.3	2.3	2.1	3.2
State administration, defence and compulsory social insurance	1.5	3.6	5.1	4.2	9.8
Education	12.5	1.3	0.9	5.3	0.4
Health and social protection	2.0	6.2	7.6	7.2	11.3
Arts, entertainment and recreation	2.4	2.6	3.5	3.0	3.4
Other service activities	1.9	2.1	1.4	1.9	0.4
Activities of households as employers	/	0.4	0.6	0.3	/
Extraterritorial organizations and bodies	/	/	/	/	/

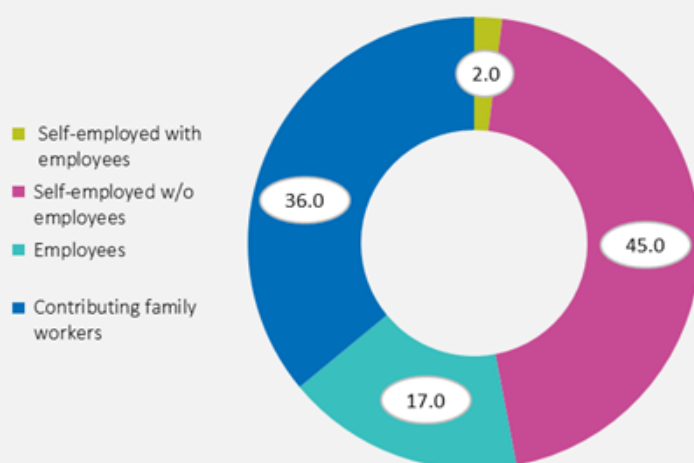
**Graph. 10. Employed by specific types of work hours, 2023 (in thous.)**



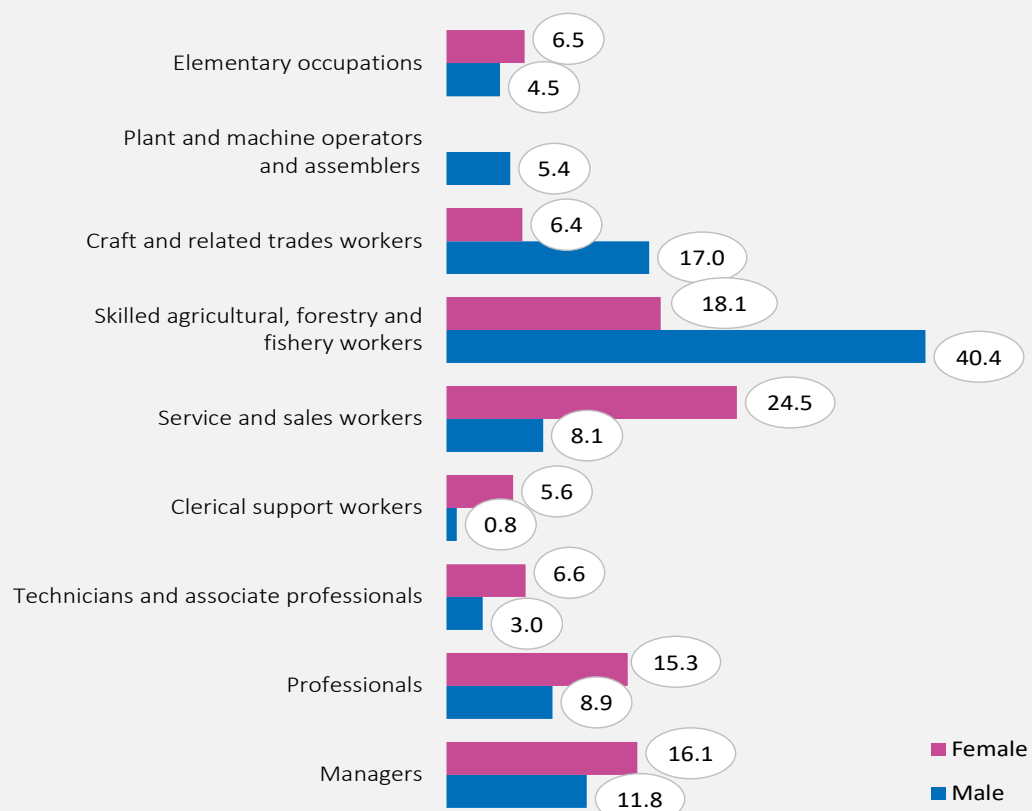
**Table 2.16. Employed by search of another job, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Employed (aged 15–89)</b>	<b>2842.0</b>	<b>1555.9</b>	<b>1286.1</b>	<b>792.0</b>	<b>743.4</b>	<b>766.1</b>	<b>540.4</b>	...
Employed searching for another job in the previous four weeks	153.2	92.0	61.2	47.0	38.1	39.3	28.8	...
Employed not searching for another job in the previous four weeks	2688.8	1463.9	1224.9	745.1	705.3	726.8	511.6	...

**Graph.11. Professional status in additional job, 2023 (in %)**



**Graph. 12. Self-employed by occupation and sex (in %), 2023**





**Table 2.17. Employees by type of a written agreement and employment rights, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employees (aged 15–89)</b>	<b>2211.5</b>	<b>666.6</b>	<b>605.3</b>	<b>525.1</b>	<b>414.5</b>	<b>...</b>	<b>1486.9</b>	<b>724.7</b>
<b>Employees by contract</b>								
Based on written employment agreement	2115.6	639.2	570.7	507.3	398.5	...	1430.6	685.0
Based on oral employment agreement	95.9	27.5	34.6	17.8	16.0	...	56.2	39.7
<b>Employment rights</b>								
Right to pension insurance	2103.4	636.5	566.8	504.6	395.4	...	1421.9	681.5
No right to pension insurance	106.1	29.9	38.0	19.4	18.7	...	64.0	42.1
Right to health insurance	2097.1	630.7	566.8	504.5	395.1	...	1416.2	680.9
No right to health insurance	112.2	35.7	37.9	19.7	18.9	...	69.7	42.5
Right to paid sick leave	2063.2	621.7	555.4	496.3	389.8	...	1393.4	669.7
No right to paid sick leave	143.5	44.3	48.0	27.3	23.9	...	90.6	52.9
Right to paid annual vacation	2065.3	623.3	556.4	496.2	389.3	...	1396.1	669.2
No right to paid annual vacation	141.7	42.8	47.3	27.3	24.3	...	88.5	53.2
<b>Male</b>	<b>1149.9</b>	<b>321.2</b>	<b>319.1</b>	<b>281.1</b>	<b>228.4</b>	<b>...</b>	<b>739.7</b>	<b>410.1</b>
<b>Employees by contract</b>								
Based on written employment agreement	1084.5	303.3	296.5	268.2	216.5	...	702.2	382.3
Based on oral employment agreement	65.3	17.9	22.6	12.8	12.0	...	37.5	27.8
<b>Employment rights</b>								
Right to pension insurance	1078.1	301.9	294.8	266.0	215.4	...	697.9	380.2
No right to pension insurance	69.9	19.2	24.1	14.0	12.6	...	41.1	28.8
Right to health insurance	1074.7	298.8	294.8	265.9	215.1	...	695.0	379.7
No right to health insurance	73.5	22.3	24.0	14.2	13.0	..	44.3	29.2
Right to paid sick leave	1056.4	293.2	289.1	261.8	212.3	...	681.8	374.6
No right to paid sick leave	89.9	27.7	28.8	17.9	15.5	...	55.8	34.1
Right to paid annual vacation	1058.6	295.1	290.0	261.4	212.2	...	684.2	374.4
No right to paid annual vacation	88.0	25.9	28.2	18.3	15.5	...	53.9	34.1

**Table 2.17. Employees by type of a written agreement and employment rights, sex, region and type of settlement, 2023 (in thous.) (continued)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Female</b>	<b>1061.7</b>	<b>345.4</b>	<b>286.2</b>	<b>244.0</b>	<b>186.0</b>	<b>...</b>	<b>747.1</b>	<b>314.6</b>
<b>Employees by contract</b>								
Based on written employment agreement	1031.1	335.8	274.2	239.1	182.0	...	728.4	302.7
Based on oral employment agreement	30.6	9.6	12.0	5.0	4.0	...	18.7	11.9
<b>Employment rights</b>								
Right to pension insurance	1025.3	334.7	272.1	238.6	179.9	...	724.0	301.3
No right to pension insurance	36.2	10.7	13.9	5.5	6.1	...	22.9	13.2
Right to health insurance	1022.4	332.0	272.0	238.5	180.0	...	721.3	301.2
No right to health insurance	38.6	13.4	13.8	5.5	5.9	...	25.4	13.3
Right to paid sick leave	1006.8	328.6	266.3	234.5	177.4	...	711.7	295.1
No right to paid sick leave	53.6	16.6	19.2	9.4	8.3	...	34.8	18.8
Right to paid annual vacation	1006.7	328.3	266.5	234.9	177.1	...	711.8	294.8
No right to paid annual vacation	53.7	16.9	19.1	9.0	8.7	...	34.6	19.1

**Table 2.18. Employees by sector of activity, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employees (aged 15–89)</b>	<b>2211.5</b>	<b>666.6</b>	<b>605.3</b>	<b>525.1</b>	<b>414.5</b>	<b>...</b>	<b>1486.9</b>	<b>724.7</b>
Agriculture	49.9	3.1	31.7	6.5	8.5	...	18.7	31.2
Industry	624.6	100.5	183.8	192.7	147.6	...	349.3	275.3
Construction	119.2	30.5	31.4	38.1	19.3	...	65.0	54.1
Services	1417.9	532.5	358.5	287.8	239.1	...	1053.7	364.1
<b>Male</b>	<b>1149.9</b>	<b>321.2</b>	<b>319.1</b>	<b>281.1</b>	<b>228.4</b>	<b>...</b>	<b>739.7</b>	<b>410.1</b>
Agriculture	34.6	1.7	22.6	3.7	6.5	...	11.2	23.3
Industry	381.6	62.6	109.3	119.5	90.3	...	212.6	169.1
Construction	106.0	24.5	28.9	34.1	18.4	...	55.2	50.8
Services	627.6	232.4	158.3	123.7	113.2	...	460.7	166.9
<b>Female</b>	<b>1061.7</b>	<b>345.4</b>	<b>286.2</b>	<b>244.0</b>	<b>186.0</b>	<b>...</b>	<b>747.1</b>	<b>314.6</b>
Agriculture	15.3	/	9.1	2.8	2.0	...	7.5	7.8
Industry	243.0	38.0	74.4	73.2	57.4	...	136.8	106.2
Construction	13.2	5.9	2.5	3.9	/	...	9.8	3.3
Services	790.2	300.1	200.2	164.1	125.8	...	593.0	197.2

### Note

The **agriculture sector** includes Agriculture, forestry and fishing.

The **industry sector** includes Ore mining, Processing industry, Power, gas and vapor supply and Water supply and waste water management.

The **construction sector** includes only Construction.

The **services sector** includes Wholesale and retail, Traffic and storage, Accommodation and catering services, Information and communication, Financial and insurance activities, Real estate business, Expert, scientific, innovative and technical activities, Administrative and supporting service activities, State administration and compulsory social insurance, Education, Health and social care, Art, entertainment and recreation, Other service activities, Household activity as an employer, Activity of extraterritorial organizations and bodies.

**Graph. 13. Employees obliged to inspect the work of other workers, by sex, 2023 (in %)**



#### Note

Refers to workers inspecting and managing the work of at least of one worker (except interns), and whose supervisory function is included in their job description.

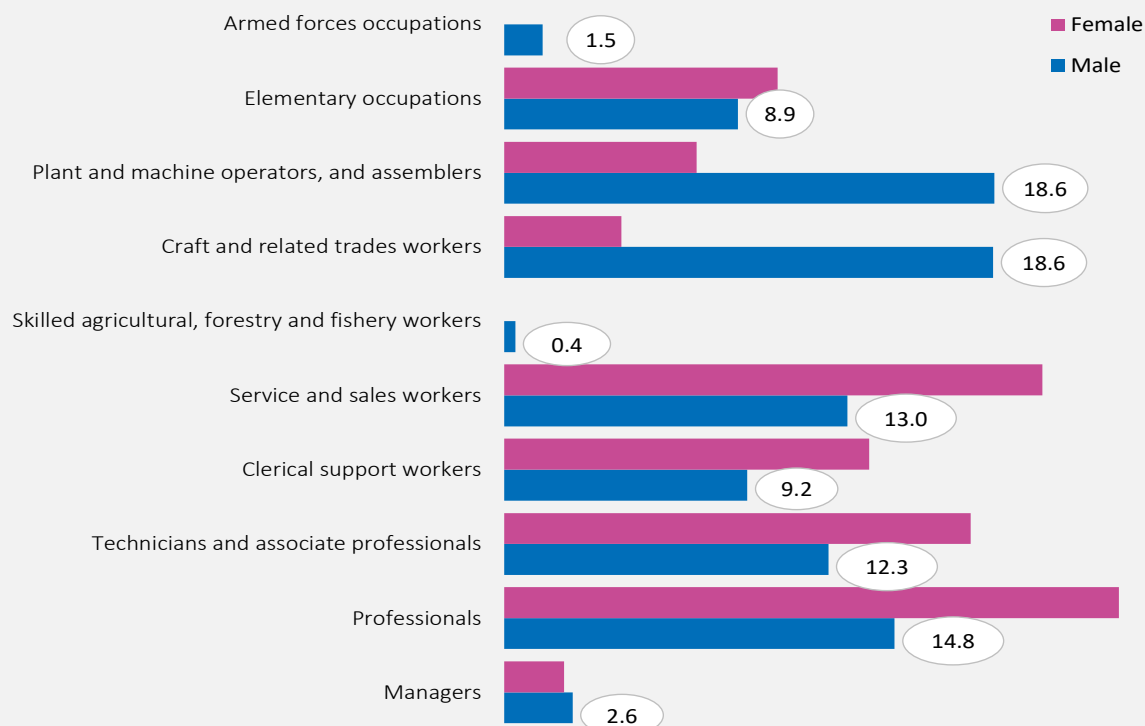
**Graph. 14. Structure of employees by paid and unpaid overtime work hours, 2023 (in %)**



**Table 2.19. Employees by occupation, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employees (aged 15–89)</b>	<b>2211.5</b>	<b>666.6</b>	<b>605.3</b>	<b>525.1</b>	<b>414.5</b>	<b>...</b>	<b>1486.9</b>	<b>724.7</b>
Managers (directors), officials and legislators	54.0	13.4	17.7	12.2	10.8	...	45.3	8.7
Professional and art experts	418.5	191.0	104.7	66.0	56.9	...	360.9	57.6
Engineers, professional associates and technicians	329.8	104.8	92.6	72.0	60.4	...	245.1	84.7
Administrative workers	253.4	107.0	51.7	55.8	38.8	...	194.7	58.7
Service and trade occupations	367.0	111.7	101.3	83.9	70.1	...	237.3	129.7
Farmers, foresters, fisherman and related	6.0	/	1.7	/	2.5	...	2.2	3.8
Craft workers and related	260.9	49.4	75.8	87.6	48.1	...	135.8	125.1
Machine and plant operators, assemblers and drivers	291.9	37.0	92.6	85.4	76.9	...	141.9	150.0
Simple occupations	212.5	46.7	65.2	57.6	43.0	...	111.0	101.5
Military occupations	17.6	4.8	2.1	3.6	7.1	...	12.6	4.9
<b>Male</b>	<b>1149.9</b>	<b>321.2</b>	<b>319.1</b>	<b>281.1</b>	<b>228.4</b>	<b>...</b>	<b>739.7</b>	<b>410.1</b>
Managers (directors), officials and legislators	29.9	6.8	8.9	6.5	7.7	...	25.0	4.9
Professional and art experts	170.6	81.2	43.5	23.8	22.0	...	146.4	24.2
Engineers, professional associates and technicians	141.7	46.0	38.3	28.4	29.0	...	105.1	36.6
Administrative workers	106.1	39.7	23.9	24.9	17.6	...	79.5	26.6
Service and trade occupations	149.9	44.6	40.1	34.1	31.1	...	100.5	49.4
Farmers, foresters, fisherman and related	4.9	/	/	/	2.5	...	2.0	2.9
Craft workers and related	213.6	44.4	65.0	69.3	35.0	...	113.8	99.8
Machine and plant operators, assemblers and drivers	214.2	33.6	64.4	62.2	54.0	...	105.0	109.2
Simple occupations	102.2	19.8	31.5	28.1	22.8	...	50.3	51.8
Military occupations	16.8	4.7	2.1	3.2	6.8	...	12.1	4.7
<b>Female</b>	<b>1061.7</b>	<b>345.4</b>	<b>286.2</b>	<b>244.0</b>	<b>186.0</b>	<b>...</b>	<b>747.1</b>	<b>314.6</b>
Managers (directors), officials and legislators	24.1	6.6	8.7	5.6	3.1	...	20.3	3.8
Professional and art experts	247.9	109.7	61.2	42.2	34.8	...	214.5	33.4
Engineers, professional associates and technicians	188.2	58.8	54.3	43.6	31.4	...	140.1	48.1
Administrative workers	147.3	67.4	27.8	31.0	21.2	...	115.1	32.1
Service and trade occupations	217.1	67.0	61.2	49.8	39.0	...	136.8	80.2
Farmers, foresters, fisherman and related	/	/	/	/	/	...	/	/
Craft workers and related	47.3	5.0	10.9	18.4	13.1	...	22.0	25.3
Machine and plant operators, assemblers and drivers	77.7	3.4	28.1	23.2	22.9	...	36.9	40.8
Simple occupations	110.3	26.9	33.6	29.6	20.2	...	60.7	49.6
Military occupations	/	/	-	/	/	...	/	/

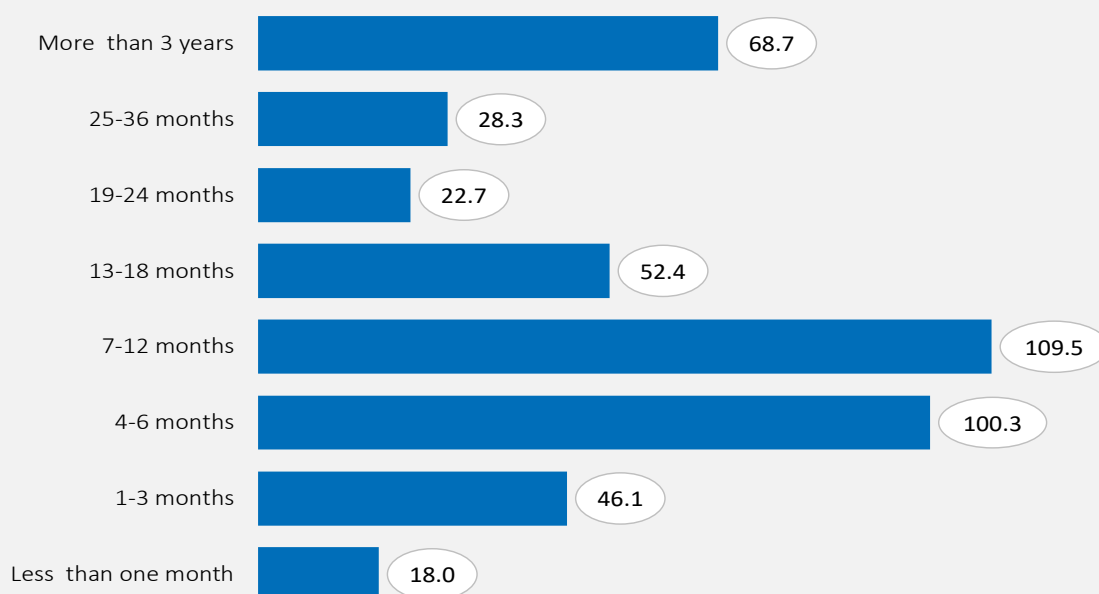
**Graph. 15. Structure of employees by occupation and sex (in %), 2023**



**Table 2.20. Employees (aged 15-89 and 15-64) by type of employment, sex, region and type of settlement, 2023 (in thous.)**

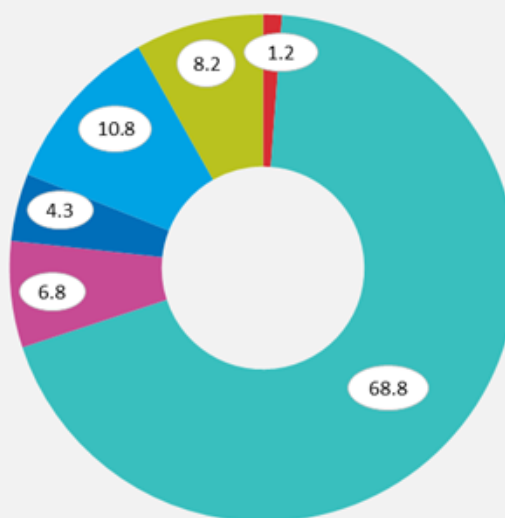
	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employees (aged 15–89)</b>	<b>2211.5</b>	<b>666.6</b>	<b>605.3</b>	<b>525.1</b>	<b>414.5</b>	<b>...</b>	<b>1486.9</b>	<b>724.7</b>
Permanent	1765.5	550.5	470.4	422.1	322.5	...	1207.0	558.4
Temporary	380.1	104.1	109.4	87.6	79.0	...	244.0	136.2
Seasonal	28.8	2.4	12.9	7.9	5.7	...	14.3	14.5
Occasional	37.1	9.7	12.6	7.5	7.3	...	21.5	15.5
<b>Working-age employees (aged 15–64)</b>	<b>2183.9</b>	<b>654.0</b>	<b>597.0</b>	<b>521.1</b>	<b>411.8</b>	<b>...</b>	<b>1465.7</b>	<b>718.2</b>
Permanent	1752.9	545.1	466.3	420.1	321.4	...	1197.2	555.8
Temporary	369.3	98.1	107.3	86.2	77.7	...	235.8	133.5
Seasonal	28.0	2.2	12.4	7.8	5.6	...	13.6	14.4
Occasional	33.6	8.6	11.1	7.0	7.0	...	19.1	14.5
<b>Male</b>								
<b>Employees (aged 15–89)</b>	<b>1149.9</b>	<b>321.2</b>	<b>319.1</b>	<b>281.1</b>	<b>228.4</b>	<b>...</b>	<b>739.7</b>	<b>410.1</b>
Permanent	915.1	263.7	249.3	224.6	177.5	...	596.9	318.2
Temporary	191.0	50.3	54.1	44.8	41.9	...	119.9	71.1
Seasonal	21.3	2.3	8.4	6.4	4.3	...	11.4	10.0
Occasional	22.4	5.0	7.4	5.3	4.8	...	11.6	10.9
<b>Working-age employees (aged 15–64)</b>	<b>1134.0</b>	<b>314.1</b>	<b>315.0</b>	<b>278.2</b>	<b>226.7</b>	<b>...</b>	<b>728.3</b>	<b>405.7</b>
Permanent	908.3	260.9	247.4	223.3	176.8	...	591.8	316.6
Temporary	183.7	46.7	52.6	43.6	40.8	...	114.9	68.8
Seasonal	20.9	2.0	8.2	6.4	4.2	...	10.9	9.9
Occasional	21.1	4.5	6.8	5.0	4.8	...	10.7	10.4
<b>Female</b>								
<b>Employees (aged 15–89)</b>	<b>1061.7</b>	<b>345.4</b>	<b>286.2</b>	<b>244.0</b>	<b>186.0</b>	<b>...</b>	<b>747.1</b>	<b>314.6</b>
Permanent	850.4	286.8	221.1	197.5	145.0	...	610.1	240.3
Temporary	189.1	53.8	55.3	42.8	37.2	...	124.0	65.1
Seasonal	7.5	/	4.5	1.5	/	...	2.9	4.5
Occasional	14.6	4.7	5.3	2.2	2.4	...	10.0	4.7
<b>Working-age employees (aged 15–64)</b>	<b>1049.9</b>	<b>339.9</b>	<b>282.0</b>	<b>242.9</b>	<b>185.1</b>	<b>...</b>	<b>737.4</b>	<b>312.5</b>
Permanent	844.6	284.2	218.9	196.8	144.6	...	605.4	239.2
Temporary	185.6	51.4	54.7	42.6	36.9	...	120.9	64.7
Seasonal	7.2	/	4.2	1.5	/	...	2.7	4.5
Occasional	12.5	4.1	4.2	2.0	2.2	...	8.4	4.1

**Graph. 16. Employees by duration of temporary work (temporary, seasonal or occasional) in thousands, 2023**



**Graph 17. Employees by reason of temporary, seasonal or occasional employment, 2023 (in %)**

- Contract valid for training or internship period only
- Unable to find employment on permanent basis
- Do not want employment on permanent basis
- Contract refers to probation work period
- Employment available with contract on permanent basis
- Other reasons



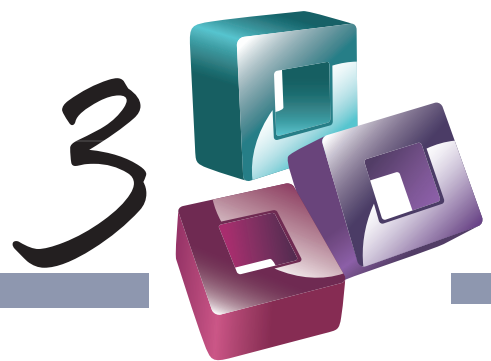


**Table 2.21. Employees (aged 15-89 and 15-64) by ownership, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Employees (aged 15–89)</b>	<b>2211.5</b>	<b>666.6</b>	<b>605.3</b>	<b>525.1</b>	<b>414.5</b>	<b>...</b>	<b>1486.9</b>	<b>724.7</b>
Private ownership	1480.2	426.5	431.7	358.2	263.8	...	961.6	518.6
State ownership	716.1	233.3	170.6	163.4	148.9	...	514.4	201.7
Other <sup>1)</sup>	15.2	6.9	3.0	3.5	1.8	...	10.8	4.4
<b>Working-age employees (15–64)</b>	<b>2183.9</b>	<b>654.0</b>	<b>597.0</b>	<b>521.1</b>	<b>411.8</b>	<b>...</b>	<b>1465.7</b>	<b>718.2</b>
Private ownership	1459.1	417.3	424.8	355.3	261.7	...	946.0	513.0
State ownership	710.8	230.7	169.4	162.4	148.3	...	510.0	200.8
Other <sup>1)</sup>	14.0	6.0	2.9	3.4	1.8	...	9.7	4.3
<b>Male</b>								
<b>Employees (aged 15–89)</b>	<b>1149.9</b>	<b>321.2</b>	<b>319.1</b>	<b>281.1</b>	<b>228.4</b>	<b>...</b>	<b>739.7</b>	<b>410.1</b>
Private ownership	819.4	214.3	248.0	206.0	151.1	...	516.3	303.1
State ownership	322.6	102.9	69.7	73.9	76.0	...	217.8	104.8
Other <sup>1)</sup>	7.9	4.0	1.4	/	/	...	5.7	2.3
<b>Working-age employees (aged 15–64)</b>	<b>1134.0</b>	<b>314.1</b>	<b>315.0</b>	<b>278.2</b>	<b>226.7</b>	<b>...</b>	<b>728.3</b>	<b>405.7</b>
Private ownership	806.1	208.7	244.0	203.9	149.6	...	507.2	298.9
State ownership	320.4	101.7	69.6	73.3	75.8	...	215.8	104.5
Other <sup>1)</sup>	7.5	3.8	1.4	/	/	...	5.3	2.2
<b>Female</b>								
<b>Employees (aged 15–89)</b>	<b>1061.7</b>	<b>345.4</b>	<b>286.2</b>	<b>244.0</b>	<b>186.0</b>	<b>...</b>	<b>747.1</b>	<b>314.6</b>
Private ownership	660.9	212.2	183.7	152.3	112.7	...	445.3	215.5
State ownership	393.6	130.4	100.8	89.5	72.9	...	296.7	96.9
Other <sup>1)</sup>	7.2	2.8	1.6	2.3	/	...	5.1	2.1
<b>Working-age employees (aged 15–64)</b>	<b>1049.9</b>	<b>339.9</b>	<b>282.0</b>	<b>242.9</b>	<b>185.1</b>	<b>...</b>	<b>737.4</b>	<b>312.5</b>
Private ownership	653.0	208.6	180.8	151.5	112.1	...	438.8	214.1
State ownership	390.4	129.0	99.7	89.1	72.5	...	294.1	96.3
Other <sup>1)</sup>	6.5	2.2	1.5	2.3	/	...	4.4	2.1

<sup>1)</sup> Other forms of ownership include cooperative ownership, ownership in companies where privatization has not been completed, and ownership in organizations without forms of ownership.





Unemployed



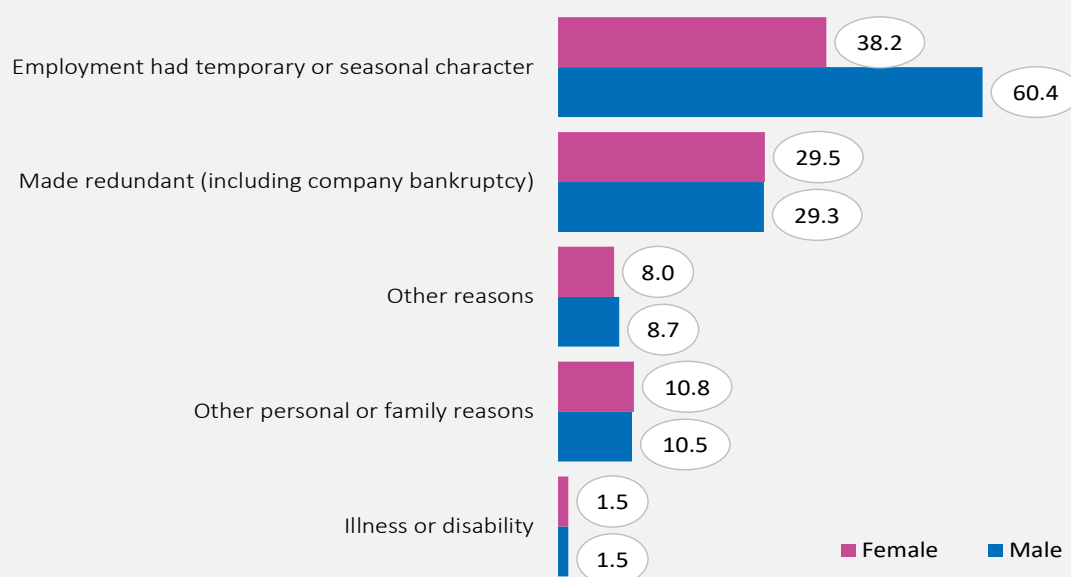
**Table 3.1. Unemployed by age group, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Unemployed (aged 15–74)</b>	<b>295.8</b>	<b>60.6</b>	<b>73.3</b>	<b>82.8</b>	<b>79.2</b>	<b>...</b>	<b>182.5</b>	<b>113.3</b>
15–24 years	53.6	11.1	14.1	14.2	14.3	...	31.8	21.9
25–34	73.6	13.0	18.6	21.3	20.8	...	47.0	26.6
35–44	64.9	14.5	15.7	16.0	18.7	...	41.2	23.7
45–54	61.2	13.2	13.3	17.9	16.8	...	36.6	24.6
55–64	38.5	7.8	10.6	12.3	7.9	...	23.0	15.5
65 +	4.0	/	/	/	/	...	2.9	/
<b>Male (aged 15–74)</b>	<b>154.4</b>	<b>31.1</b>	<b>41.0</b>	<b>42.3</b>	<b>39.9</b>	<b>...</b>	<b>95.2</b>	<b>59.2</b>
15–24 years	31.5	6.1	8.6	8.6	8.2	...	19.0	12.5
25–34	37.1	6.8	10.3	10.5	9.5	...	24.4	12.8
35–44	29.5	6.9	7.4	7.1	8.1	...	19.0	10.5
45–54	30.5	6.1	7.4	7.8	9.2	...	18.2	12.4
55–64	22.9	4.6	6.4	7.5	4.5	...	12.7	10.2
65 +	2.8	/	/	/	/	...	2.0	/
<b>Female (aged 15–74)</b>	<b>141.5</b>	<b>29.5</b>	<b>32.3</b>	<b>40.5</b>	<b>39.2</b>	<b>...</b>	<b>87.3</b>	<b>54.2</b>
15–24 years	22.1	5.0	5.4	5.6	6.1	...	12.8	9.3
25–34	36.5	6.2	8.3	10.7	11.2	...	22.6	13.9
35–44	35.4	7.6	8.3	8.9	10.6	...	22.2	13.2
45–54	30.7	7.1	5.9	10.1	7.5	...	18.4	12.2
55–64	15.6	3.2	4.2	4.8	3.4	...	10.3	5.3
65 +	/	/	/	/	/	...	/	/

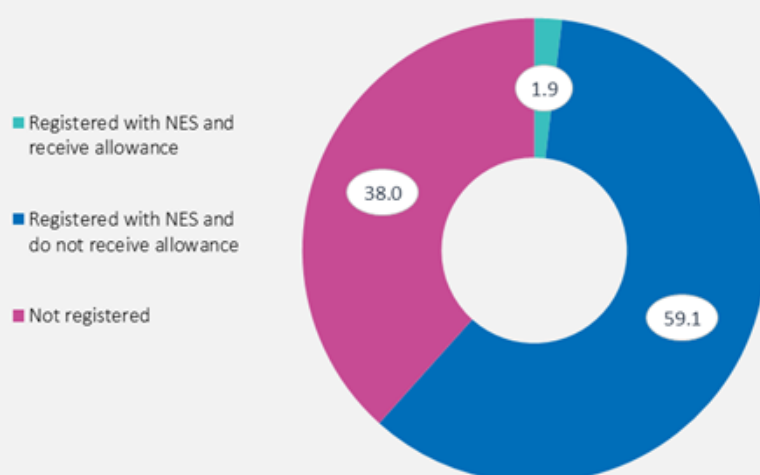
**Table 3.2. Unemployed by highest completed education level, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Unemployed (aged 15–74)</b>	<b>295.8</b>	<b>60.6</b>	<b>73.3</b>	<b>82.8</b>	<b>79.2</b>	<b>...</b>	<b>182.5</b>	<b>113.3</b>
No formal education	3.1	/	/	-	1.8	...	/	2.3
Primary	49.0	6.3	13.5	13.7	15.5	...	22.0	27.0
Secondary	181.4	36.1	42.6	55.4	47.3	...	111.0	70.5
Higher	62.2	18.0	16.0	13.7	14.5	...	48.7	13.6
<b>Male</b>	<b>154.4</b>	<b>31.1</b>	<b>41.0</b>	<b>42.3</b>	<b>39.9</b>	<b>...</b>	<b>95.2</b>	<b>59.2</b>
No formal education	2.4	/	/	-	1.5	...	/	1.9
Primary	28.6	3.1	8.4	8.0	9.1	...	12.5	16.2
Secondary	100.3	19.6	25.7	30.1	24.9	...	63.3	37.0
Higher	23.1	8.4	6.1	4.2	4.4	...	18.9	4.1
<b>Female</b>	<b>141.5</b>	<b>29.5</b>	<b>32.3</b>	<b>40.5</b>	<b>39.2</b>	<b>...</b>	<b>87.3</b>	<b>54.2</b>
No formal education	/	/	/	-	/	...	/	/
Primary	20.4	3.2	5.1	5.7	6.4	...	9.6	10.8
Secondary	81.2	16.6	16.8	25.3	22.4	...	47.7	33.5
Higher	39.1	9.6	10.0	9.5	10.1	...	29.7	9.4

**Graph. 18. Main reasons of employment termination of the unemployed who stopped working in the past seven years, by sex, 2023 (in thous.)**



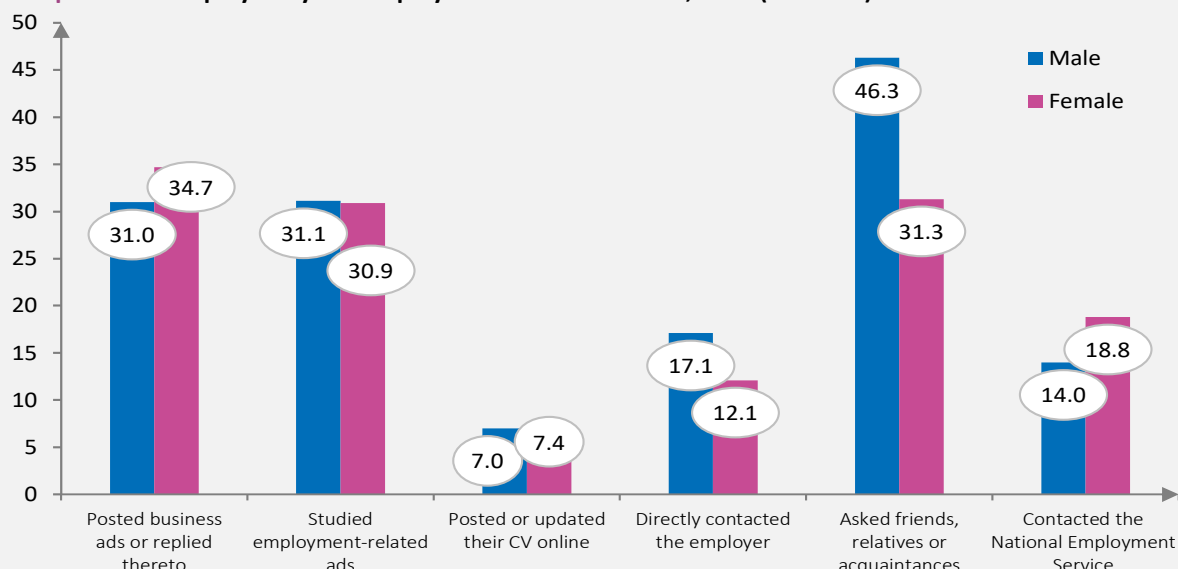
**Graph 19. Unemployed according to the National Employment Service records, 2023 (%)**



**Table 3.3. Unemployed by duration of employment search, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Unemployed (aged 15–74)</b>	<b>295.8</b>	<b>60.6</b>	<b>73.3</b>	<b>82.8</b>	<b>79.2</b>	<b>...</b>	<b>182.5</b>	<b>113.3</b>
In search of employment less than 12 months	163.4	37.8	48.7	40.8	36.1	...	103.0	60.4
In search of employment 12–24 months	38.9	7.7	7.8	13.0	10.4	...	23.6	15.4
In search of employment 2–4 years	22.4	3.9	4.5	8.0	6.0	...	13.1	9.3
In search of employment more than four years	71.1	11.2	12.2	21.0	26.6	...	42.9	28.2
Long-term unemployment rate (%)	4.2	2.7	3.0	5.0	7.0	...	4.1	4.4
<b>Male (aged 15–74)</b>	<b>154.4</b>	<b>31.1</b>	<b>41.0</b>	<b>42.3</b>	<b>39.9</b>	<b>...</b>	<b>95.2</b>	<b>59.2</b>
In search of employment less than 12 months	89.3	20.4	27.5	23.4	18.0	...	56.2	33.0
In search of employment 12–24 months	18.6	3.7	3.8	6.9	4.2	...	11.0	7.6
In search of employment 2–4 years	10.1	2.2	2.4	2.7	2.8	...	6.6	3.5
In search of employment more than four years	36.4	4.8	7.3	9.4	14.9	...	21.3	15.0
Long-term unemployment rate (%)	3.8	2.5	3.0	4.1	6.3	...	3.9	3.8
<b>Female (aged 15–74)</b>	<b>141.5</b>	<b>29.5</b>	<b>32.3</b>	<b>40.5</b>	<b>39.2</b>	<b>...</b>	<b>87.3</b>	<b>54.2</b>
In search of employment less than 12 months	74.1	17.4	21.2	17.4	18.1	...	46.7	27.4
In search of employment 12–24 months	20.3	4.0	4.1	6.1	6.2	...	12.6	7.8
In search of employment 2–4 years	12.3	1.7	2.1	5.3	3.2	...	6.5	5.9
In search of employment more than four years	34.7	6.5	4.9	11.7	11.7	...	21.5	13.2
Long-term unemployment rate (%)	4.7	2.9	3.1	6.1	7.8	...	4.5	5.2

**Graph. 20. Unemployed by the employment search methods, 2023 (in thous.)**

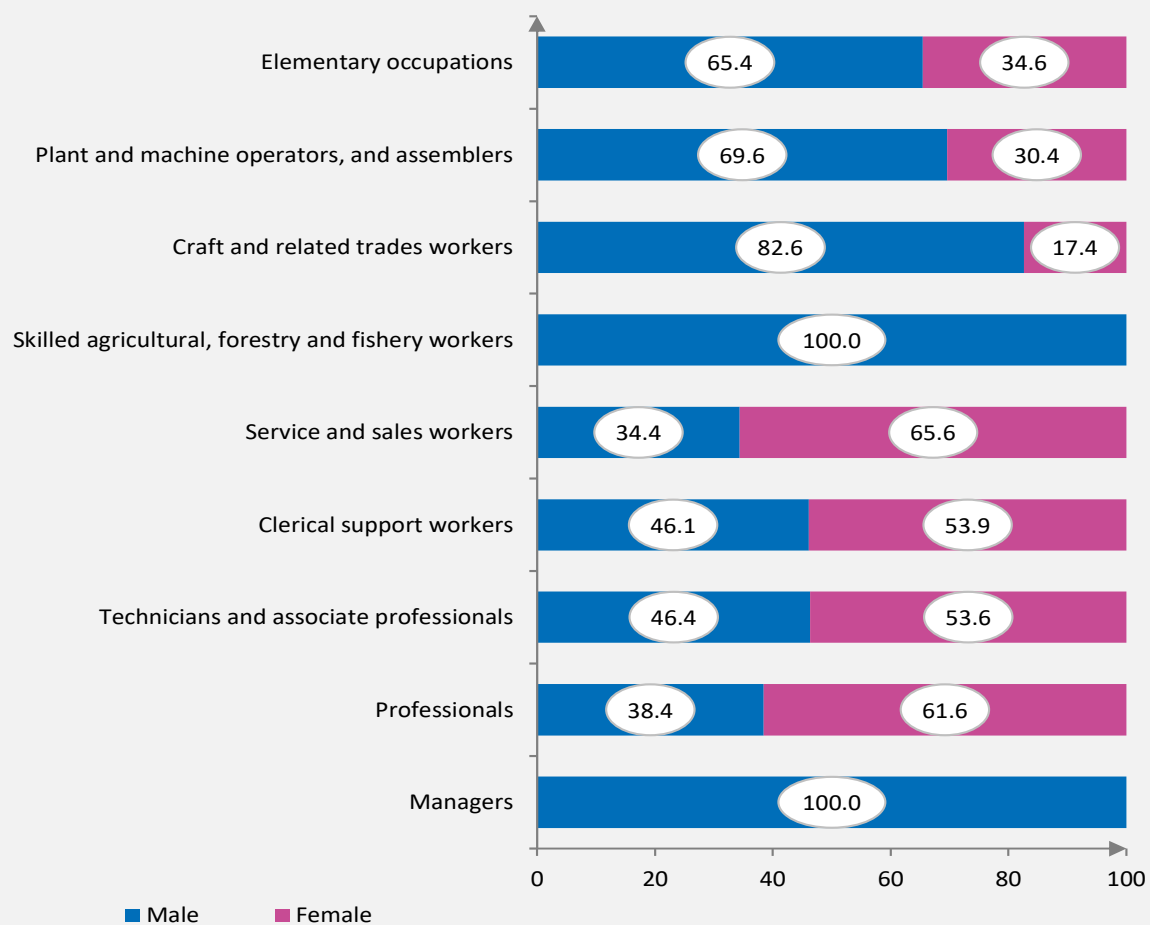


**Table 3.4. Unemployed by having previous experience, professional status at previous job, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Unemployed (aged 15–74)</b>	<b>295.8</b>	<b>60.6</b>	<b>73.3</b>	<b>82.8</b>	<b>79.2</b>	<b>...</b>	<b>182.5</b>	<b>113.3</b>
<b>By having previous work experience</b>								
With work experience	237.7	53.4	62.4	64.3	57.5	...	150.3	87.4
<b>By professional status at the previous job</b>								
Self-employed with employees	1.8	/	/	/	/	...	/	/
Self-employed w/o employees	15.1	3.0	3.9	4.7	3.5	...	10.4	4.8
Employee	180.7	42.1	48.9	47.3	42.4	...	112.0	68.6
Unpaid family worker	/	/	/	/	/	...	/	/
Without work experience	58.2	7.2	10.8	18.5	21.6	...	32.2	25.9
<b>Male</b>	<b>154.4</b>	<b>31.1</b>	<b>41.0</b>	<b>42.3</b>	<b>39.9</b>	<b>...</b>	<b>95.2</b>	<b>59.2</b>
<b>By having previous work experience</b>								
With work experience	126.9	27.8	35.6	35.3	28.2	...	79.5	47.4
<b>By professional status at the previous job</b>								
Self-employed with employees	/	/	/	/	/	...	/	/
Self-employed w/o employees	10.8	2.3	2.9	3.3	2.4	...	7.3	3.6
Employee	97.9	22.8	27.2	26.7	21.2	...	60.2	37.7
Unpaid family worker	/	/	-	/	/	...	/	/
Without work experience	27.4	3.3	5.4	7.0	11.7	...	15.7	11.7
<b>Female</b>	<b>141.5</b>	<b>29.5</b>	<b>32.3</b>	<b>40.5</b>	<b>39.2</b>	<b>...</b>	<b>87.3</b>	<b>54.2</b>
<b>By having previous work experience</b>								
With work experience	110.7	25.5	26.8	29.0	29.3	...	70.8	40.0
<b>By professional status at the previous job</b>								
Self-employed with employees	/	/	/	/	/	...	/	/
Self-employed w/o employees	4.3	/	/	1.4	/	...	3.1	/
Employee	82.8	19.3	21.7	20.6	21.3	...	51.8	31.0
Unpaid family worker	/	-	/	/	-	...	-	/
Without work experience	30.7	3.9	5.4	11.5	9.9	...	16.5	14.2



**Graph. 21. Unemployed by occupation at previous job and sex (in %), 2023**



**Table 3.5. Unemployed (aged 15-65) according to the National Employment Service records, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Unemployed</b>	<b>292.8</b>	<b>59.8</b>	<b>72.6</b>	<b>82.0</b>	<b>78.4</b>	<b>...</b>	<b>180.2</b>	<b>112.6</b>
<b>According to the NES records</b>						...		
Registered with NES receiving allowance	5.6	/	/	2.5	/	...	3.2	2.4
Registered with NES not receiving allowance	174.9	27.9	35.7	55.8	55.5	...	102.3	72.6
Not registered	112.3	30.8	36.2	23.6	21.7	...	74.8	37.5
<b>Male</b>	<b>152.4</b>	<b>30.7</b>	<b>40.5</b>	<b>41.7</b>	<b>39.5</b>	<b>...</b>	<b>93.7</b>	<b>58.7</b>
<b>According to the NES records</b>								
Registered with NES receiving allowance	4.0	/	/	1.9	/	...	2.3	1.8
Registered with NES not receiving allowance	82.9	12.3	17.9	26.8	25.9	...	49.4	33.6
Not registered	65.4	17.5	22.0	12.9	12.9	...	42.1	23.3
<b>Female</b>	<b>140.5</b>	<b>29.2</b>	<b>32.2</b>	<b>40.3</b>	<b>38.8</b>	<b>...</b>	<b>86.5</b>	<b>53.9</b>
<b>According to the NES records</b>								
Registered with NES receiving allowance	1.6	/	/	/	/	...	/	/
Registered with NES not receiving allowance	92.0	15.6	17.8	29.0	29.6	...	52.9	39.0
Not registered	46.9	13.3	14.2	10.7	8.7	...	32.7	14.2



Population outside the labor force



**Table 4.1. Population outside the labor force by age group, sex, region and type of settlement, 2023 (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of Settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Popularion outside the labor force, 15+</b>	<b>2528.1</b>	<b>573.6</b>	<b>662.6</b>	<b>702.9</b>	<b>589.1</b>	<b>...</b>	<b>1529.4</b>	<b>998.7</b>
15–24 years	458.2	110.6	115.2	133.6	98.8	...	295.0	163.2
25–34	118.5	24.6	30.4	35.0	28.5	...	73.4	45.1
35–44	106.3	21.2	30.9	29.6	24.5	...	58.6	47.7
45–54	148.2	30.6	36.2	43.0	38.3	...	79.6	68.6
55–64	355.5	70.0	97.2	96.6	91.7	...	196.3	159.2
65 +	1341.6	316.6	352.7	365.1	307.2	...	826.5	515.1
<b>Male, 15+</b>	<b>1017.7</b>	<b>226.5</b>	<b>257.5</b>	<b>287.6</b>	<b>246.1</b>	<b>...</b>	<b>608.4</b>	<b>409.2</b>
15–24 years	211.7	52.7	51.5	61.3	46.2	...	137.5	74.3
25–34	36.6	8.2	9.0	11.3	8.1	...	24.6	12.0
35–44	34.3	5.7	9.2	10.3	9.2	...	20.0	14.3
45–54	50.1	10.7	10.5	13.8	15.2	...	27.3	22.8
55–64	131.7	25.5	35.5	35.7	34.9	...	69.3	62.4
65 +	553.2	123.7	141.8	155.2	132.6	...	329.8	223.4
<b>Female, 15+</b>	<b>1510.5</b>	<b>347.2</b>	<b>405.1</b>	<b>415.3</b>	<b>342.9</b>	<b>...</b>	<b>921.0</b>	<b>589.5</b>
15–24 years	246.4	58.0	63.7	72.2	52.5	...	157.5	88.9
25–34	81.9	16.4	21.4	23.7	20.4	...	48.8	33.1
35–44	72.0	15.5	21.7	19.3	15.4	...	38.6	33.3
45–54	98.1	19.9	25.7	29.3	23.1	...	52.3	45.8
55–64	223.7	44.4	61.6	60.8	56.8	...	127.0	96.7
65 +	788.4	192.9	210.9	209.9	174.7	...	496.7	291.7

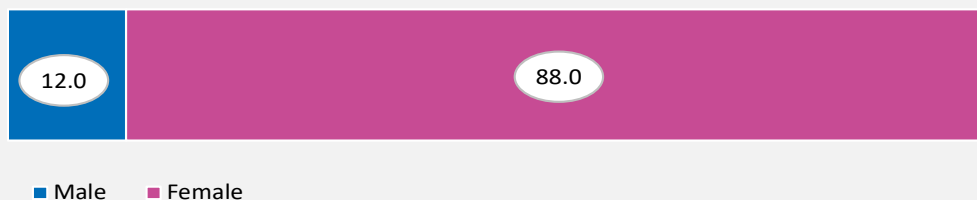
**Table 4.2. Population outside the labour force (aged 15-89) by education, sex, region and type of settlement, 2023. (in thous.)**

	Republic of Serbia							
	Total	SRBIJA - SEVER		SRBIJA - JUG			Type of settlement	
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	Urban	Other
<b>Population outside the labor force</b>	<b>2504.7</b>	<b>567.9</b>	<b>656.9</b>	<b>697.3</b>	<b>582.7</b>	<b>...</b>	<b>1516.3</b>	<b>988.4</b>
No formal education	36.1	5.0	10.6	9.3	11.3	...	13.5	22.6
Primary	983.0	150.8	266.1	305.3	260.9	...	463.2	519.8
Secondary	1170.2	288.5	310.3	321.1	250.4	...	772.1	398.1
Higher	315.4	123.6	69.9	61.6	60.2	...	267.5	47.9
<b>Male</b>	<b>1008.8</b>	<b>224.2</b>	<b>255.7</b>	<b>285.6</b>	<b>243.4</b>	<b>...</b>	<b>603.7</b>	<b>405.1</b>
No formal education	8.8	/	2.8	2.9	2.1	...	3.1	5.7
Primary	342.7	51.3	89.7	108.5	93.2	...	152.5	190.2
Secondary	513.4	119.2	133.0	143.1	118.1	...	325.9	187.5
Higher	144.0	52.8	30.3	31.0	30.0	...	122.2	21.8
<b>Female</b>	<b>1495.9</b>	<b>343.7</b>	<b>401.2</b>	<b>411.7</b>	<b>339.4</b>	<b>...</b>	<b>912.5</b>	<b>583.3</b>
No formal education	27.3	4.1	7.8	6.3	9.1	...	10.4	17.0
Primary	640.4	99.5	176.4	196.8	167.7	...	310.7	329.6
Secondary	656.8	169.3	177.3	177.9	132.3	...	446.2	210.6
Higher	171.4	70.9	39.6	30.6	30.2	...	145.2	26.1

**Table 4.3. Population outside the labour force (aged 15-74), by desire and employment opportunities, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Population outside the labor force</b>	<b>1996.9</b>	<b>811.0</b>	<b>1185.9</b>	<b>444.0</b>	<b>526.4</b>	<b>560.0</b>	<b>466.5</b>	<b>...</b>
<b>By desire and employment opportunity</b>								
<b>Willing and able to work</b>	<b>130.4</b>	<b>65.7</b>	<b>64.7</b>	<b>29.5</b>	<b>28.8</b>	<b>39.8</b>	<b>32.3</b>	<b>...</b>
<b>Willing but unable to work due to:</b>	<b>62.0</b>	<b>23.8</b>	<b>38.3</b>	<b>15.4</b>	<b>19.8</b>	<b>13.2</b>	<b>13.7</b>	<b>...</b>
Education or training	10.7	4.4	6.4	2.5	3.1	2.5	2.7	...
Illness or disability	16.3	8.0	8.4	3.3	5.3	4.5	3.1	...
Child or relatives care	15.4	2.2	13.2	3.9	4.8	3.2	3.5	...
Personal and family reasons	13.6	6.3	7.4	3.8	4.9	2.1	2.8	...
Other reasons	5.9	3.0	2.9	1.7	1.7	/	1.6	...
<b>Unwilling to work due to personal reasons:</b>	<b>1804.5</b>	<b>721.5</b>	<b>1082.9</b>	<b>399.1</b>	<b>477.8</b>	<b>507.0</b>	<b>420.6</b>	<b>...</b>
Education or training	431.2	199.8	231.3	106.1	106.7	125.7	92.7	...
Illness or disability	290.1	131.3	158.8	62.0	80.5	81.8	65.7	...
Child or relatives care	78.2	2.9	75.4	13.9	22.6	26.5	15.2	...
Other personal or family reasons	190.0	49.4	140.6	39.8	56.4	58.3	35.5	...
Pension	719.7	305.7	414.0	164.0	191.9	190.4	173.4	...
Other reasons	95.3	32.5	62.8	13.3	19.7	24.2	38.1	...

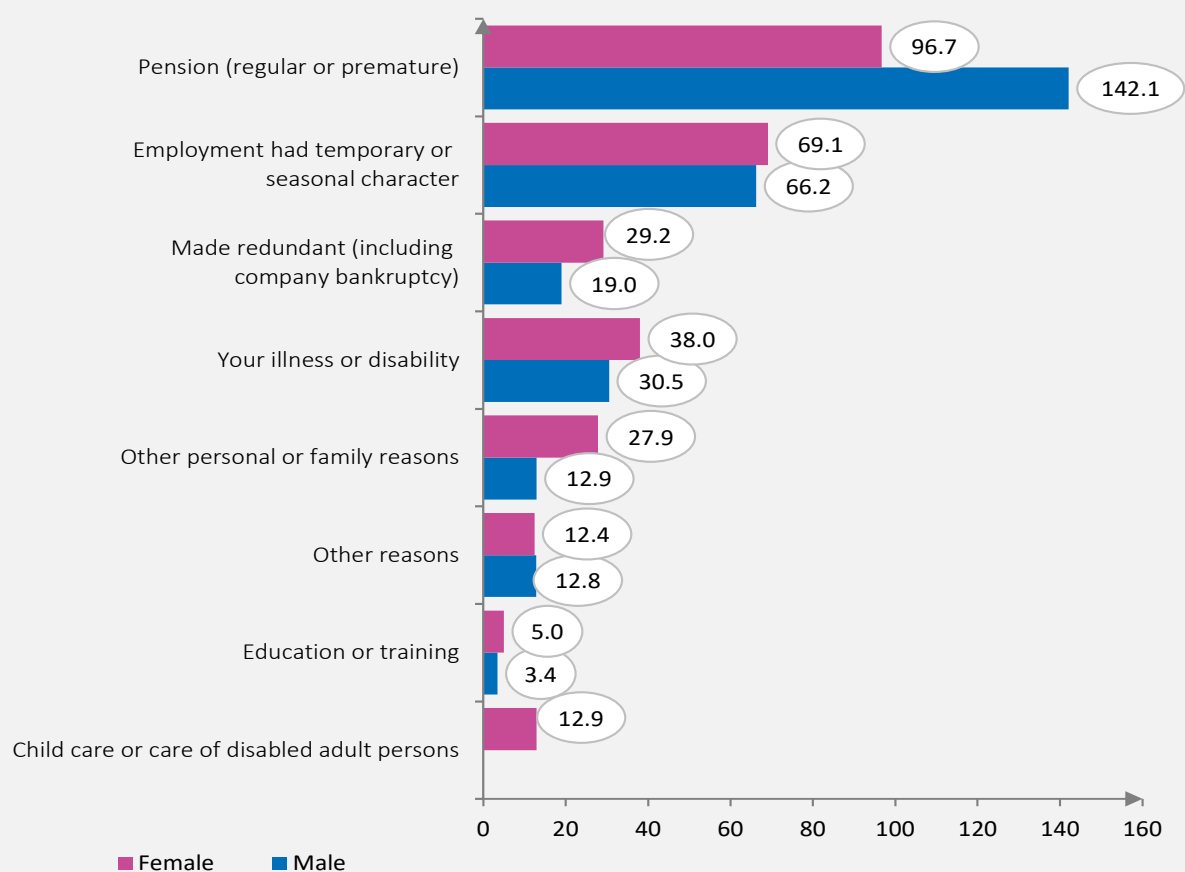
**Graph. 22. Population outside the labour force not in search of employment due to child care or adult disabled person care, by sex, 2023 (in %)**



**Table 4.4. Population outside the labour force (aged 15-89) by previous work experience, sources of income, sex and region, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Population outside the labor force</b>	2504.7	1008.8	1495.9	567.9	656.9	697.3	582.7	...
<b>By previous work experience</b>								
With previous work experience	1796.9	773.8	1023.2	429.8	483.9	473.5	409.7	...
No work experience	707.8	235.0	472.7	138.1	173.0	223.8	173.0	...
<b>By main sources of income</b>								
Salary/pension of spouse/parent/other household members	855.5	292.3	563.2	187.3	226.1	249.5	192.6	...
Support from other relatives/friends	32.5	13.1	19.4	7.1	8.9	8.5	8.0	...
Own pension	1451.1	617.6	833.5	349.2	378.1	390.8	332.9	...
Income from insurance in case of unemployment	8.0	4.1	3.8	/	2.0	3.4	1.6	...
Student grant/student loan	4.5	1.9	2.6	/	2.2	/	/	...
Occasional jobs/small agricultural production	36.8	27.5	9.3	3.1	7.4	13.1	13.2	...
Welfare	80.4	32.9	47.5	10.9	24.2	19.0	26.3	...
Alimony	/	/	/	/	/	/	/	...
Revenue from rents/interest/dividend	4.2	2.2	2.0	/	1.9	/	/	...
Savings	9.7	6.1	3.6	3.5	2.0	2.2	2.0	...
Credits or borrowings	/	-	/	-	-	/	-	...
Aid from charity or religious organizations	/	-	/	-	/	/	-	...
Other	20.4	10.8	9.6	3.0	3.0	9.2	5.2	...

**Graph. 23. Major reasons of employment termination of population outside the labour force, who stopped working in the past seven years, by sex, 2023 (in thous.)**





**Table 4.5. Underused and potential labour force, aged 15–74, 2023 (in thous.)**

	Republic of Serbia							
	Total	Sex		SRBIJA - SEVER		SRBIJA - JUG		
		Male	Female	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
<b>Total (aged 15–74)</b>	<b>219.3</b>	<b>118.0</b>	<b>101.3</b>	<b>55.9</b>	<b>53.4</b>	<b>61.7</b>	<b>48.4</b>	<b>...</b>
<b>Underused labor force<sup>1)</sup></b>	<b>72.6</b>	<b>44.3</b>	<b>28.3</b>	<b>22.1</b>	<b>19.6</b>	<b>18.2</b>	<b>12.7</b>	<b>...</b>
<b>Potential labor force<sup>2)</sup></b>	<b>146.7</b>	<b>73.7</b>	<b>73.0</b>	<b>33.8</b>	<b>33.7</b>	<b>43.5</b>	<b>35.7</b>	<b>...</b>
In search of employment but unable to work <sup>3)</sup>	16.7	8.3	8.5	4.3	4.9	4.0	3.5	...
Able to work but not in search of employment <sup>4)</sup>	129.9	65.4	64.5	29.5	28.8	39.4	32.2	...

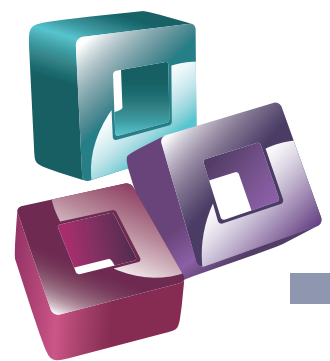
<sup>1)</sup> Includes persons working part-time and wish and are able to work more hours.

<sup>2)</sup> Includes inactive persons somehow related to the labour market, i.e. persons in search of employment but unable to work, and persons able to work but not in search of employment.

<sup>3)</sup> Includes persons within population outside the labour force who have already found employment but are unable to start working within two weeks, and persons who have found employment where they should start working within the period longer than three months.

<sup>4)</sup> Includes persons within the population outside the labor force who are willing and able to start working within two weeks although they were not in search of employment.





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Methodological explanations





## METHODOLOGY EXPLANATIONS

The Labour Force Survey (LFS) is a survey used to collect information about the main characteristics of labour force in order to evaluate the total scope of labour force in the country. The overall objective of the survey is to obtain information about three basic, mutually exclusive population contingents: employed, unemployed and population outside the labour force – on their demographic, social-economic, educational and other characteristics.

Information obtained from LFS is used for monitoring, measuring and evaluating economic and social trends both in the Republic of Serbia and for international comparison. In terms of methodology, organization, sampling, questionnaire design and definitions of employed/unemployed the LFS is implemented in compliance with standards and recommendations of the International Labour Organization (ILO) and regulations of the European Statistical Office (Eurostat), enabling the comparison of data obtained from the LFS with equivalent data from other (especially European) countries.

The survey results are published in an aggregated form, completely ensuring the confidentiality of individual information on households and individuals pursuant to the Official Statistics Law (Official Gazette of the Republic of Serbia, No. 104/09).

Since January 2021, the Labour Force Survey has been implemented based on and in compliance with the new Regulation of the European Parliament and the Council.

### Revisions

After the first major revision, which was conducted due to the application of new methodology concepts from 2021, the second major **Post-census** revision was conducted in 2023.

From the first quarter of 2023, results (LFS data) are calculated based on demographic estimates for 2022, which are based on the 2022 Census. Demographic estimates based on the 2011 Census were used to calculate the results conclusive with the fourth quarter of 2022.

In addition, the results for the reference quarter in the observed year until 2023 were calculated based on demographic estimates for the year proceeding the observed year. Due to the improvement of the quality of demographic estimates in terms of improving the timeliness of data, requirements for the calculation of results of the reference quarter based of demographic estimates for the reference quarter have been met since 2024.

Population estimates are based on the results of the population census and the results of statistical processing of natural (births and deaths) and mechanical (internal migration) population movements.

From 2024, an automated electronic download of administrative data (births, deaths and internal migrations) necessary for monitoring basic demographic changes was developed as of 2024, which significantly shortens the data processing period; thus making the demographic estimates available one month after the reference period.

Therefore, the annual data for 2023 in the Bulletin has been calculated (revised) in accordance with the latest evaluation based on current demographic estimates based on the 2022 Census. Aiming to ensure comparability of data without interruption of the time series caused by the application of weights based on the latest demographic indicators, a post-census revision of the LFS data was carried out for the period of 2021 and 2022.

### Interview unit

The interview unit is each member of a randomly selected household. The basic socio-demographic data are collected for all individuals in the selected households, while data on labour activity are collected for persons aged 15+ only.

## Observation period

The Labour Force Survey has been implemented as a continuous survey since 2015. Each week in a year is an observed (reference) week. The interview period lasts for two weeks after the observed week. A reference week is specified for each household in the sample. As one household appears four times in the sample, the interval between two successive appearances in the sample, i.e. interviews, cannot be shorter than three months.

The observation period for the first quarter included 13 reference weeks, and it lasted from 2 January to 2 April 2023, while the interview period lasted from 9 January to 16 April 2023.

The observation period for the second quarter included 13 reference weeks and it lasted from 3 April to 2 July 2023, while the interview period lasted from 10 April to 16 July 2023.

The observation period for the third quarter included 13 reference weeks and it lasted from 3 July to 1 October 2023, while the interview period lasted from 10 July to 15 October 2023.

The observation period for the fourth quarter included 13 reference weeks and it lasted from 2 October to 31 December 2023, while the interview period lasted from 9 October 2023 to 14 January 2024.

A **week** in the Labour Force Survey is defined as a seven-day period, starting on Monday and ending on Sunday inclusive.

## Definitions

Starting from 2021, the Labour Force Survey has been implemented on the basis of Regulation (EU) 2019/1700 of the European Parliament and of the Council of 10 October 2019, establishing a common framework for European statistics on persons and households, based on data at individual level collected from samples, amending Regulations (EC) 808/2004, (EC) 452/2008 and (EC) 1338/2008 of the European Parliament and of the Council, and repealing Regulation (EC) 1177/2003 of the European Parliament and of the Council and Regulation (EC) 577/98, and in particular Article 7 paragraph 1, Article 8, paragraph 3 and Article 13, paragraph 6 thereof. The new Regulation (EU) 2019/1700, on which basis the Survey is conducted, is based on the application of provisions of the “Resolution on labour statistics, employment and underutilized labour”, which was adopted in 2013 at the 19th International Conference of Labour Statisticians in Geneva, and recommended for use by the International Labour Organization (ILO).

A household is

a) any family or other community of persons who declare that: 1) they live together in the entire residential unit or in any part thereof; 2) they provide food for themselves and meet other basic needs for living; 3) they share revenue or household expenses with other household members. Sharing household revenue means contributing to or benefiting from the household revenue.

b) any persons living alone (single-member household), not having their own household in another place, living in a separate, or shared apartment as a single person or as a tenant, regardless of whether they live in the same room with another single person or the landlord's household member, not spending their revenue with them but only paying for housing services.

Collective households (student dormitories, homes for children and youth with mental and physical disabilities, homes for socially vulnerable children, homes for the elderly and infirm, homes for adults with disabilities, monasteries, etc.) are not included in the survey.

**Employed population** includes persons aged 15–89 who belonged to one of the following categories during the observation week:

- Persons who worked at least one hour for earnings or income during the observed week, including unpaid family workers;

- Persons who have a job or business from which they were temporarily absent during the entire observed week, but are related to the job, such as:
  - Persons absent from work due to holidays, redistribution of working hours, sick leave, maternity leave, work-related training;
  - Persons on parental leave, whether receiving earnings or benefits from work from which they are absent, or whose expected duration of parental leave is up to 3 months;
  - Seasonal workers out of season, if they continue to regularly perform tasks and duties for the job or business from which they are absent, excluding the fulfilment of legal or administrative obligations;
  - Persons who did not work in the observed week for some other reasons, and whose expected duration of absence is up to 3 months;
  - Persons producing agricultural products, the main part of which is intended for sale or exchange (barter).

Based on the Resolution on Labour Statistics, Employment and Underutilization of Labour adopted in 2013 at the 19th International Conference of Labour Statisticians, persons producing goods for own use, volunteers, persons in unpaid training and persons involved in other forms of work, are not included in the contingent of employed based on these activities.

According to the **Professional Status Classification** of the employed, they are divided into self-employed, employees and unpaid family workers.

**Self-employed** are persons who work independently in their own company, institution, private shop or on an agricultural holding, as well as persons performing independent professional activity or another job for their own account.

**Employees** are persons working for an employer in any kind of ownership sector, regardless of whether they have a formal employment contract or work based on an oral agreement. Household members helping with family business, who are paid for their work, are considered employees.

**Unpaid family workers** are relatives who help with the family business or at the family holding without earnings or income. These include e.g. a son or daughter working at their parents' company / at a holding without compensation; a wife helping her husband without compensation, etc. This also includes relatives who live elsewhere but come to help with the business, e.g. during the harvest season, without payment in cash or in kind.

**Unemployed population** includes individuals aged 15-74:

- Not employed in the observed week, in accordance with the aforementioned definition of employment;
- Currently available for work, or available to start working as paid employees or self-employed within two weeks after the observation week;
- Actively searching for a job, whether they took activities in the previous four weeks conclusive with the observed week in order to look for paid employment or self-employment, or have found a job to start working no later than three months after the observation week.

Seasonal workers not working during the observed week (because they are out of season), expecting however to return to their seasonal work, are considered to have found a job.

**Active population (labour force)** consists of all the employed and unemployed persons.

**Population outside the labour force** includes:

- Persons younger than 15;
- Persons older than 89;
- Persons aged between 15 and 89 not employed or unemployed during the observed week according to the aforementioned definitions of employment and unemployment.

**Potentially active population (potential labour force)** includes population outside the labour force that is somehow related to the labour market. It consists of individuals who are actively searching for employment but cannot start working immediately (i.e. within two weeks), and person who desire and can start working immediately although they have not searched for a job.

**Subjective employment status** is the respondent's employment status according to their own opinion and not according to their actual activity in the observed week.

**Employment rate** is the share of the employed in the total observed population (population aged 15+).

**Informal employment** is considered to be work in unregistered business entities, work in registered business entities without an employment contract, and work of unpaid family workers.

**Informal employment rate** is the share of informally employed in total employment.

**Unemployment rate** is the share of the unemployed in the labour force (employed and unemployed).

**Long-term unemployment rate** is the share of individuals in the labour force (employed and unemployed) who have been unemployed for more than one year.

**NEET rate** is the share of persons aged 15-24 (or 15-29) who are who are not in employed, education or training in the total population of the said age.

**Activity rate (labour force participation)** is the share of active population in the total observed population (population aged 15+).

**Population outside the labour force rate** is the share of population outside the labour force in the total observed population (population aged 15+)

## Classifications

The following classifications were used in coding and processing the data obtained by the survey:

1. Classification of Activities of the European Union (NACE rev. 2), comparable to the Classification of Activities of the United Nations (ISIC - rev. 4);
2. International Standard Classification of Occupations (ISCO - 08);
3. International Standard Classification of Education (ISCED – 2011);
4. Classification of Fields of Education (ISCED-F 2013) supplementing the International Standard Classification of Education (ISCED – 2011);
5. International Classification of Status in Employment (ICSE-93).



## Sample design

The **basic set** includes households and persons referring to common population in the territory of the Republic of Serbia without the Region of Kosovo and Metohia. Persons in collective households (student dormitories, homes for children and youth with mental and physical disabilities, homes for socially vulnerable children, homes for the elderly and infirm, homes for adults with disabilities, monasteries, etc.) are excluded.

**Type of sample** – Two-stage stratified sample. The first stage units are enumeration areas and the second stage units are households.

**Stratification** – Enumeration areas as primary sampling units are stratified by the type of settlement (city and other) and by territory at the NUTS 3 level (25 districts: Belgrade, West Bačka, South Banat, South Bačka, North Banat, North Bačka, Central Banat, Srem, Zlatibor, Kolubara, Mačva, Moravica, Pomoravlje, Rasina, Raška, Šumadija, Bor, Braničevo, Zaječar, Jablanica, Nišava, Piroć, Podunavlje, Pčinja and Toplica).

**Sampling frame** – The population census implemented in the Republic of Serbia in 2011 was used as a frame for the selection of the enumeration areas and households. It was formed by excluding all the enumeration areas with 19 or less households. The frame was therewith reduced by about 1.5% in regard to the basic set. The enumeration areas that included the selected households surveyed for the first time were updated based on the 2022 Census.

**Sample size** – The planned annual sample size amounts to 76 960 households in 7 696 enumeration areas.

**Sample allocation** – Proportional allocation according on the number of persons aged 15+ within the type of settlement and territory was slightly corrected in order to obtain better precision of evaluation at the level of districts and uniform distribution of the sample in time. Each subsample allocated for a quarter is uniformly and randomly distributed to 13 weeks for all four quarters. 52 weeks were observed in 2023.

**Sample selection** – The sample for 2023 includes nine independent subsamples selected according to the same sample pattern. The first stage units (enumeration areas) are selected systematically with probability proportional to the number of individuals aged 15+. Enumeration areas within each stratum were sorted according to the municipality they belong to and the serial number within the municipality. High level of implicit geographic stratification and effective sample distribution were secured that way with the systematic selection. The second stage units (households) were selected with equal probabilities (simply randomly).

**Rotation scheme** – The Labour Force Survey is based on the sample rotation panel design, which includes each household four times in a sample. The 2-2-2 rotation pattern was applied. Four subsamples (rotation groups) were allocated for each quarter. Each quarter (Q) in the sample included: one new rotation group, two rotation groups from the previous quarter (Q-1) and one rotation group from Q-3 quarter. Based on the applied rotation pattern, each household and each individual selected in the sample was interviewed 4 times within 18 months, i.e. each household and individual was surveyed in two consecutive quarters, left out from the sample for the next two quarters, and surveyed again in the next two consecutive quarters.

**Sample realization** – The total of 113 113 persons were interviewed, and data on working activity were collected for 100 544 persons, which makes 1.8% of the total number of population aged 15+.

**Evaluation system** – To make the sample results representative for the observed general population, each household and individual in the sample were appended a weight (expansion factor). The main weight component is the reciprocal value of the selection probability product at each stage for each stratum, representing the base weight (sample design weight). The weight second component takes into account the household non-response level. Response rates were calculated after the completion of fieldwork. These were used to correct the sample design weights for each enumeration area. The final weight for an individual and a household was calculated on the basis of the corrected weight for the household with use of the calibration method.

Calibration is a procedure used to multiply the sampling weights by factors (calibration factors) so that the obtained results agree with known totals. Calibration is a practical approach of incorporating auxiliary information in the evaluation phase, which serves to correct any deviations of certain sample contingents that

cannot be avoided during field work. Data obtained on the basis of current demographic estimations are used as auxiliary information for each quarter.

Requirements that must be met in calculation of the calibration factors are as follows: population distribution according to sex (two groups), according to five-year age groups (14 groups), at the level of territory (NUTS 3 level), and household distribution according to the number of household members (six groups), at the level of district, provided that a household and each individual in the observed household have the same final weight, which assures consistent results on household basis and on individual basis.

Total, proportion and their error results are calculated for various indicators. It is not possible to publish each result with its sampling error during the publication of data. The approximate values are calculated based on the regression model to make the data sampling error available to users during the data analysis. Please find user instructions for Table 2 containing the approximate values of variation quotients for the evaluation of annual averages in this survey's methodology at:

[https://data.stat.gov.rs/Metadata/24\\_Zarade/Html/240003\\_ESMS\\_G0\\_2021\\_1.html](https://data.stat.gov.rs/Metadata/24_Zarade/Html/240003_ESMS_G0_2021_1.html)

#### Symbols

- = no phenomena
- ... = data not available
- / = small number of phenomena – result not published

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