

STATISTICAL RELEASE

ZP22

Number 16 - Year LXX, 31.01.2020.

SERB016 ZP22 310120

Statistics of employment and earnings

Registered employment, IV quarter 2019

– Preliminary results –

In the fourth quarter 2019 the total number of employed amounted to 2 202 635 persons. Of the total number, 1 748 629 persons were employed with legal entities, 384 520 were entrepreneurs and their employees and persons individually running business, and 69 486 persons are registered individual farmers.

When related to the fourth quarter 2018, the total number of employed increased by 2.0%; namely, the number of employed with legal entities increased by 2.2%, the number of entrepreneurs and their employees and persons individually running business increased by 3.4%, and the number of registered individual farmers decreased by 8.4%.

When related to the previous quarter, the total number of employed increased by 1.0%; namely, the number of employed with legal entities increased by 1.2%, the number of entrepreneurs and their employees and persons individually running business increased by 0.9%, while the number of registered individual farmers decreased by 2.0%.

1. Registered employment

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
		IV quarter 2019	differences	indices	differences
Registered employment - total	2 202 635	22 215	101.0	43 976	102.0
Employees at legal entities (in "long-term employment" and in "temporary and occasional employment")	1 748 629	20 281	101.2	37 746	102.2
Entrepreneurs and their employees and persons individually running business (in "long-term employment" and in "temporary and occasional employment")	384 520	3 368	100.9	12 588	103.4
Registered individual agricultural producers (farmers)	69 486	- 1 434	98.0	- 6 358	91.6

2. Employees at legal entities (companies, enterprises, cooperatives, institutions and other organizations), persons individually running business, entrepreneurs and their employees

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
		IV quarter 2019	differences	indices	differences
Employees in "long-term employment" and in "temporary and occasional employment" - total	2 133 149	23 649	101.1	50 335	102.4
Employees in "long-term employment"	2 060 605	26 064	101.3	53 604	102.7
Employees at legal entities	1 680 594	22 561	101.4	41 455	102.5
Entrepreneurs and their employees and persons individually running business	380 011	3 503	100.9	12 149	103.3
Employees in "temporary and occasional employment"	72 544	- 2 415	96.8	- 3 270	95.7
Employees at legal entities	68 035	- 2 280	96.8	- 3 709	94.8
Entrepreneurs and their employees and persons individually running business	4 509	- 135	97.1	439	110.8

3. Employees at legal entities (companies, enterprises, cooperatives, institutions and other organizations), persons individually running business, entrepreneurs and their employees, by activities

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
	IV quarter 2019	differences	indices	differences	indices
Total	2 133 149	23 649	101.1	50 335	102.4
Agriculture, forestry and fishing	31 000	16	100.1	- 1 552	95.2
Crop and animal production, hunting and related service activities	22 809	- 122	99.5	- 1 637	93.3
Forestry and logging	6 784	130	102.0	28	100.4
Fishing and aquaculture	1 407	9	100.6	57	104.2
Mining and quarrying	26 409	333	101.3	2 054	108.4
Mining of coal and lignite	13 757	122	100.9	- 473	96.7
Extraction of crude petroleum and natural gas	2 945	19	100.6	1 675	231.9
Mining of metal ores	5 014	- 61	98.8	588	113.3
Other mining and quarrying	2 982	37	101.3	69	102.4
Mining support service activities	1 711	215	114.4	195	112.9
Manufacturing	467 728	5 143	101.1	13 682	103.0
Manufacture of food products	90 988	905	101.0	2 940	103.3
Manufacture of beverages	7 725	84	101.1	363	104.9
Manufacture of tobacco products	1 329	95	107.7	- 180	88.1
Manufacture of textiles	12 753	- 85	99.3	- 17	99.9
Manufacture of wearing apparel	37 529	282	100.8	407	101.1
Manufacture of leather and related products	14 217	43	100.3	- 313	97.8
Manufacture of wood and of products of wood and cork, except furn	16 981	27	100.2	- 384	97.8
Manufacture of paper and paper products	8 565	82	101.0	208	102.5
Printing and reproduction of recorded media	9 698	41	100.4	- 117	98.8
Manufacture of coke and refined petroleum products	1 176	- 17	98.6	- 1 905	38.2
Manufacture of chemicals and chemical products	13 400	155	101.2	600	104.7
Manufacture of basic pharmaceutical products and pharmaceutical	4 502	- 40	99.1	30	100.7
Manufacture of rubber and plastic products	29 262	211	100.7	1 165	104.1
Manufacture of other non-metallic mineral products	14 305	- 44	99.7	393	102.8
Manufacture of basic metals	15 851	570	103.7	1 070	107.2
Manufacture of fabricated metal products, except machinery and eq	53 218	355	100.7	1 146	102.2
Manufacture of computer, electronic and optical products	7 701	229	103.1	378	105.2
Manufacture of electrical equipment	29 126	420	101.5	6 469	128.6
Manufacture of machinery and equipment n.e.c.	16 297	214	101.3	405	102.5
Manufacture of motor vehicles, trailers and semi-trailers	39 460	952	102.5	- 1 803	95.6
Manufacture of other transport equipment	2 132	12	100.6	- 199	91.5
Manufacture of furniture	19 711	367	101.9	1 897	110.6
Other manufacturing	7 914	54	100.7	- 324	96.1
Repair and installation of machinery and equipment	13 889	231	101.7	1 455	111.7
Electricity, gas, steam and air conditioning supply	26 140	253	101.0	- 1 253	95.4
Water supply, sewerage, waste management and remediation act	35 215	- 534	98.5	351	101.0
Water collection, treatment and supply	16 579	- 255	98.5	605	103.8
Sewerage	543	- 7	98.7	- 153	78.0
Waste collection, treatment and disposal activities; materials recove	18 045	- 272	98.5	- 89	99.5
Remediation activities and other waste management services	47	- 1	97.9	- 13	78.3
Construction	110 461	2 449	102.3	9 592	109.5
Construction of buildings	30 289	550	101.8	2 108	107.5
Civil engineering	26 509	676	102.6	2 594	110.8
Specialised construction activities	53 663	1 223	102.3	4 890	110.0
Wholesale and retail trade and repair of motor vehicles and moto	344 670	2 341	100.7	1 554	100.5
Wholesale and retail trade and repair of motor vehicles and motorcy	28 930	124	100.4	398	101.4
Wholesale trade, except of motor vehicles and motorcycles	112 760	973	100.9	1 571	101.4
Retail trade, except of motor vehicles and motorcycles	202 980	1 244	100.6	- 415	99.8

3. Employees at legal entities (companies, enterprises, cooperatives, institutions and other organizations), persons individually running business, entrepreneurs and their employees, by activities (continued)

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
	IV quarter 2019	differences	indices	differences	indices
Transportation and storage	120 579	1 492	101.3	1 675	101.4
Land transport and transport via pipelines	74 352	1 325	101.8	1 575	102.2
Water transport	948	- 7	99.3	- 14	98.5
Air transport	1 437	5	100.3	- 21	98.6
Warehousing and support activities for transportation	26 123	- 62	99.8	- 389	98.5
Postal and courier activities	17 719	231	101.3	524	103.0
Accommodation and food service activities	84 018	868	101.0	3 676	104.6
Accommodation	17 188	369	102.2	1 349	108.5
Food and beverage service activities	66 830	499	100.8	2 327	103.6
Information and communication	70 265	2 202	103.2	4 709	107.2
Publishing activities	6 670	8	100.1	57	100.9
Motion picture, video and television programme production, sound recording and music publishing activities	2 925	107	103.8	255	109.6
Programming and broadcasting activities	8 162	223	102.8	50	100.6
Telecommunications	14 907	28	100.2	- 786	95.0
Computer programming, consultancy and related activities	33 709	1 660	105.2	4 665	116.1
Information service activities	3 892	176	104.7	468	113.7
Financial and insurance activities	43 928	367	100.8	195	100.4
Financial service activities, except insurance and pension funding	27 497	156	100.6	- 494	98.2
Insurance, reinsurance and pension funding, except compulsory social security	10 690	162	101.5	471	104.6
Activities auxiliary to financial services and insurance activities	5 742	50	100.9	219	104.0
Real estate activities	7 019	98	101.4	653	110.3
Professional, scientific and technical activities	111 441	1 561	101.4	6 411	106.1
Legal and accounting activities	29 788	308	101.0	608	102.1
Activities of head offices; management consultancy activities	27 135	332	101.2	2 637	110.8
Architectural and engineering activities; technical testing and analysis activities	25 870	600	102.4	1 866	107.8
Scientific research and development	10 567	113	101.1	269	102.6
Advertising and market research	6 863	71	101.0	428	106.7
Other professional, scientific and technical activities	6 743	119	101.8	630	110.3
Veterinary activities	4 474	17	100.4	- 27	99.4
Administrative and support service activities	109 234	1 874	101.7	1 846	101.7
Rental and leasing activities	2 383	68	102.9	306	114.7
Employment activities	19 730	422	102.2	- 1 712	92.0
Travel agency, tour operator and other reservation service and related activities	4 728	- 88	98.2	76	101.6
Security and investigation activities	30 689	151	100.5	1 893	106.6
Services to buildings and landscape activities	19 081	117	100.6	374	102.0
Office administrative, office support and other business support activities	32 622	1 202	103.8	909	102.9
Public administration and defence; compulsory social security	157 732	- 877	99.4	53	100.0
Education	148 479	4 871	103.4	6 353	104.5
Human health and social work activities	158 163	938	100.6	- 1 778	98.9
Human health activities	123 811	198	100.2	1 337	101.1
Residential care activities	9 960	- 45	99.6	- 751	93.0
Social work activities without accommodation	24 391	784	103.3	- 2 366	91.2
Arts, entertainment and recreation	37 359	409	101.1	1 535	104.3
Creative, arts and entertainment activities	9 803	251	102.6	416	104.4
Libraries, archives, museums and other cultural activities	6 859	- 96	98.6	- 48	99.3
Gambling and betting activities	10 616	253	102.4	761	107.7
Sports activities and amusement and recreation activities	10 081	1	100.0	406	104.2
Other service activities	43 309	- 154	99.6	579	101.4
Activities of membership organisations	13 138	- 178	98.7	37	100.3
Repair of computers and personal and household goods	7 848	- 101	98.7	- 151	98.1
Other personal service activities	22 323	124	100.6	692	103.2

4. Employees by statistical territorial units

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
	IV quarter 2019	differences	indices	differences	indices
REPUBLIC OF SERBIA	2 202 635	22 215	101.0	43 976	102.0
SRBIJA – SEVER	1 313 782	18 553	101.4	31 522	102.5
Beogradski region	756 106	11 836	101.6	26 775	103.7
Region Vojvodine	557 675	6 716	101.2	4 747	100.9
SRBIJA – JUG	888 855	3 664	100.4	12 455	101.4
Region Šumadije i Zapadne Srbije	513 478	2 512	100.5	7 423	101.5
Region Južne i Istočne Srbije	375 375	1 150	100.3	5 032	101.4
Region Kosovo i Metohija

5. Structure of employees by statistical territorial units

	IV quarter 2019			
	Total	Employees at legal entities	Entrepreneurs and their employees and persons individually running business	Registered individual agricultural producers (farmers)
REPUBLIC OF SERBIA	2 202 635	1 748 629	384 520	69 486
SRBIJA – SEVER	1 313 782	1 102 229	189 316	22 237
Beogradski region	756 106	661 686	92 026	2 394
Region Vojvodine	557 675	440 543	97 290	19 842
SRBIJA – JUG	888 855	646 400	195 205	47 250
Region Šumadije i Zapadne Srbije	513 478	363 817	117 110	32 551
Region Južne i Istočne Srbije	375 375	282 583	78 094	14 698
Region Kosovo i Metohija

6. Employees in public sector

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
	IV quarter 2019	differences	indices	differences	indices
Public sector - total	602 567	3 320	100.6	- 2 812	99.5
Public state enterprises	83 450	221	100.3	- 4 468	94.9
Public local enterprises	60 395	- 591	99.0	- 624	99.0
Administration - government and autonomous province level	132 737	- 855	99.4	298	100.2
Administration - local authorities' level	28 089	15	100.1	- 15	99.9
Health and social work	150 097	617	100.4	504	100.3
Education and culture	147 798	3 911	102.7	1 492	101.0

7. Structure of employees in public sector

Republic of Serbia

	IV quarter 2019		
	Total	employees in "long-term employment"	employees in "temporary and occasional employment"
Public sector - total	602 567	579 359	23 208
Public state enterprises	83 450	81 099	2 351
Public local enterprises	60 395	57 196	3 199
Administration - government and autonomous province level	132 737	126 979	5 759
Administration - local authorities' level	28 089	24 071	4 018
Health and social work	150 097	145 358	4 739
Education and culture	147 798	144 657	3 141

8. Number of employees at legal entities (companies, enterprises, cooperatives, institutions and other organizations), persons individually running business, entrepreneurs and their employees, by statistical territorial units and sections of activities

	Republic of Serbia	SRBIJA – SEVER		SRBIJA – JUG		
		Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
Total	2 133 149	753 712	537 833	480 927	360 677	...
Agriculture, forestry and fishing	31 000	3 526	17 750	5 826	3 898	...
Mining and quarrying	26 409	9 796	3 402	6 013	7 197	...
Manufacturing	467 728	68 690	147 614	144 732	106 692	...
Electricity, gas, steam and air conditioning supply	26 140	8 428	4 681	5 869	7 161	...
Water supply, sewerage, waste management and remediation	35 215	8 775	8 995	9 149	8 296	...
Construction	110 461	43 506	23 687	26 740	16 528	...
Wholesale and retail trade and repair of motor vehicles and m	344 670	126 220	89 418	76 737	52 294	...
Transportation and storage	120 579	44 778	31 481	26 937	17 383	...
Accommodation and food service activities	84 018	29 705	19 218	21 343	13 752	...
Information and communication	70 265	42 336	14 902	6 808	6 219	...
Financial and insurance activities	43 928	23 937	8 909	6 691	4 391	...
Real estate activities	7 019	3 837	1 510	1 168	505	...
Professional, scientific and technical activities	111 441	61 293	23 173	15 517	11 458	...
Administrative and support service activities	109 234	74 453	17 651	9 072	8 057	...
Public administration and defence; compulsory social security	157 732	79 057	28 183	27 153	23 340	...
Education	148 479	45 116	36 651	36 796	29 916	...
Human health and social work activities	158 163	48 441	41 735	36 598	31 389	...
Arts, entertainment and recreation	37 359	15 493	8 473	8 004	5 390	...
Other service activities	43 309	16 324	10 399	9 776	6 810	...

9. Employees by categories of insurance

Republic of Serbia

	Number of employees	Changes relative to the previous quarter		Changes relative to the same quarter of the previous year	
	IV quarter 2019	differences	indices	differences	indices
Total	2 202 635	22 215	101.0	43 976	102.0
Employees	1 881 834	23 315	101.3	45 399	102.5
Self-employment activities	251 316	335	100.1	4 936	102.0
Agricultural producers (farmers)	69 486	- 1 434	98.0	- 6 358	91.6

Methodological explanations

Survey on registered employment is based on combining the data from the Central Register of Compulsory Social Insurance (CRCSI) and Statistical Business Register (SBR). Data on social insurance contribution payers and the insured, on the ground of employment, are obtained from CRCSI. Information on enterprises and their basic characteristics are obtained from the SBR. Distribution of employees by activities and territories, within an enterprise, has been performed according to the structures based on data on local units.

Definition of registered employment - *The term employee comprises persons who have formal legal employment contract, i.e. who entered into employment with an employer for definite or indefinite period of time and persons who work on the basis of contract on performing temporary or occasional jobs, persons performing occupations/activities independently or who are founders of enterprises or unincorporated enterprises, as well as persons performing agricultural activities but are in the records of Central Register of Compulsory Social Insurance.*

Presentation of the data by activities is done in accordance with the Regulation on Classification of Activities („Official Gazette of RS“, no. 54/10), while territorial distribution is in compliance with the Regulation on Nomenclature of statistical territorial units („Official Gazette of RS“, no. 109/09 and 46/10).

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohija and therefore these data are not included in the coverage for the Republic of Serbia (total).

Contact: milijana.smiljkovic@stat.gov.rs Phone: +381-11/2412-922 Ext. 418

Published and printed by: Statistical Office of the Republic of Serbia, Belgrade, 5, Milana Rakica St

Phone: +381-11/2412-922 (operator) • Fax:2411-260 • www.stat.gov.rs

Responsible: Dr Miladin Kovačević, Director

Issued quarterly