

STATISTICAL RELEASE

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Statistics of employment and earnings

Registered employment, IV quarter 2017

– Preliminary results –

Total number of employed in the 4th quarter 2017 amounted to 2 086 740, presenting increase of 0.4% in relation to the previous quarter. Number of employees at legal entities amounted to 1 654 536, presenting increase of 0.5% in relation to the previous quarter. Entrepreneurs and their employees as well as persons performing occupations / activities independently amounted to 349 470 and compared to the previous quarter, it is the increase of 0.8%. Registered individual agricultural workers amounted to 82 734, presenting decrease of 2.0% in relation to the previous quarter.

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 2017	differences	indices	differences
Registered employment - total	2 086 740	9 166	100.4	56 481	102.8
Employees at legal entities (in "long-term employment" and in "temporary and occasional employment")	1 654 536	8 155	100.5	43 292	102.7
Entrepreneurs and their employees and persons individually running business (in "long-term employment" and in "temporary and occasional employment")	349 470	2 738	100.8	18 343	105.5
Registered individual agricultural producers (farmers)	82 734	- 1 727	98.0	- 5 154	94.1

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 2017	differences	indices	differences
Employees in "long-term employment" and in "temporary and occasional employment" - total	2 004 006	10 894	100.5	61 635	103.2
Employees in "long-term employment"	1 935 152	15 528	100.8	58 103	103.1
Employees at legal entities	1 588 581	12 669	100.8	40 154	102.6
Entrepreneurs and their employees and persons individually running business	346 571	2 859	100.8	17 949	105.5
Employees in "temporary and occasional employment"	68 854	- 4 634	93.7	3 531	105.4
Employees at legal entities	65 955	- 4 514	93.6	3 137	105.0
Entrepreneurs and their employees and persons individually running business	2 899	- 120	96.0	394	115.7

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 2017	differences	indices	differences	indices
Total	2 004 006	10 894	100.5	61 635	103.2
Agriculture, forestry and fishing	32 778	- 927	97.2	- 288	99.1
Crop and animal production, hunting and related service activities	24 860	- 814	96.8	- 261	99.0
Forestry and logging	6 614	- 57	99.1	20	100.3
Fishing and aquaculture	1 304	- 55	96.0	- 46	96.6
Mining and quarrying	24 494	- 188	99.2	448	101.9
Mining of coal and lignite	14 457	- 149	99.0	94	100.7
Extraction of crude petroleum and natural gas	1 242	34	102.8	76	106.5
Mining of metal ores	3 447	11	100.3	53	101.6
Other mining and quarrying	2 884	- 64	97.8	252	109.6
Mining support service activities	2 464	- 21	99.2	- 27	98.9
Manufacturing	426 374	4 671	101.1	22 795	105.6
Manufacture of food products	84 937	- 239	99.7	1 338	101.6
Manufacture of beverages	7 128	- 111	98.5	36	100.5
Manufacture of tobacco products	1 484	285	123.8	145	110.8
Manufacture of textiles	12 250	333	102.8	482	104.1
Manufacture of wearing apparel	36 328	700	102.0	1 281	103.7
Manufacture of leather and related products	13 828	- 27	99.8	1 118	108.8
Manufacture of wood and of products of wood and cork, except furn	16 701	73	100.4	1 149	107.4
Manufacture of paper and paper products	7 821	- 44	99.4	329	104.4
Printing and reproduction of recorded media	9 508	10	100.1	- 64	99.3
Manufacture of coke and refined petroleum products	3 320	- 38	98.9	- 69	98.0
Manufacture of chemicals and chemical products	13 253	5	100.0	598	104.7
Manufacture of basic pharmaceutical products and pharmaceutical	4 595	- 33	99.3	- 192	96.0
Manufacture of rubber and plastic products	26 248	21	100.1	2 180	109.1
Manufacture of other non-metallic mineral products	13 791	- 460	96.8	154	101.1
Manufacture of basic metals	13 524	206	101.5	1 000	108.0
Manufacture of fabricated metal products, except machinery and eq	47 559	413	100.9	3 220	107.3
Manufacture of computer, electronic and optical products	7 054	- 13	99.8	216	103.2
Manufacture of electrical equipment	19 805	585	103.0	2 172	112.3
Manufacture of machinery and equipment n.e.c.	15 554	- 105	99.3	202	101.3
Manufacture of motor vehicles, trailers and semi-trailers	33 089	2 888	109.6	5 858	121.5
Manufacture of other transport equipment	2 361	- 104	95.8	25	101.1
Manufacture of furniture	16 791	397	102.4	1 569	110.3
Other manufacturing	7 803	61	100.8	- 270	96.7
Repair and installation of machinery and equipment	11 640	- 135	98.9	316	102.8
Electricity, gas, steam and air conditioning supply	28 420	- 766	97.4	- 1 291	95.7
Water supply, sewerage, waste management and remediation act	34 398	- 626	98.2	252	100.7
Water collection, treatment and supply	15 883	- 413	97.5	- 310	98.1
Sewerage	777	- 34	95.8	21	102.8
Waste collection, treatment and disposal activities; materials recove	17 693	- 180	99.0	536	103.1
Remediation activities and other waste management services	45	1	102.3	4	109.8
Construction	90 926	- 140	99.8	2 291	102.6
Construction of buildings	23 531	- 294	98.8	1 078	104.8
Civil engineering	23 780	- 132	99.4	- 71	99.7
Specialised construction activities	43 615	286	100.7	1 284	103.0
Wholesale and retail trade and repair of motor vehicles and moto	335 941	695	100.2	7 423	102.3
Wholesale and retail trade and repair of motor vehicles and motorcy	28 576	- 366	98.7	331	101.2
Wholesale trade, except of motor vehicles and motorcycles	109 763	- 538	99.5	1 738	101.6
Retail trade, except of motor vehicles and motorcycles	197 601	1 598	100.8	5 353	102.8

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 2017	differences	indices	differences	indices
Transportation and storage	117 057	903	100.8	3 120	102.7
Land transport and transport via pipelines	69 257	1 899	102.8	4 060	106.2
Water transport	960	21	102.2	30	103.2
Air transport	1 467	1	100.1	54	103.8
Warehousing and support activities for transportation	28 840	- 1 188	96.0	- 1 219	95.9
Postal and courier activities	16 533	170	101.0	194	101.2
Accommodation and food service activities	73 214	493	100.7	4 131	106.0
Accommodation	14 586	224	101.6	669	104.8
Food and beverage service activities	58 628	269	100.5	3 461	106.3
Information and communication	61 324	1 269	102.1	4 791	108.5
Publishing activities	6 572	- 44	99.3	- 164	97.6
Motion picture, video and television programme production, sound recording and music publishing activities	2 429	51	102.1	249	111.4
Programming and broadcasting activities	8 317	14	100.2	67	100.8
Telecommunications	15 816	- 36	99.8	27	100.2
Computer programming, consultancy and related activities	25 402	1 138	104.7	4 182	119.7
Information service activities	2 789	147	105.6	431	118.3
Financial and insurance activities	43 695	192	100.4	- 551	98.8
Financial service activities, except insurance and pension funding	27 971	59	100.2	- 541	98.1
Insurance, reinsurance and pension funding, except compulsory social security	10 461	17	100.2	- 190	98.2
Activities auxiliary to financial services and insurance activities	5 262	115	102.2	179	103.5
Real estate activities	5 910	29	100.5	288	105.1
Professional, scientific and technical activities	98 313	1 031	101.1	5 304	105.7
Legal and accounting activities	28 380	550	102.0	2 052	107.8
Activities of head offices; management consultancy activities	22 181	70	100.3	1 702	108.3
Architectural and engineering activities; technical testing and analysis activities	21 735	245	101.1	550	102.6
Scientific research and development	10 104	33	100.3	272	102.8
Advertising and market research	5 899	93	101.6	233	104.1
Other professional, scientific and technical activities	5 513	115	102.1	504	110.1
Veterinary activities	4 501	- 75	98.4	- 9	99.8
Administrative and support service activities	96 327	2 462	102.6	7 766	108.8
Rental and leasing activities	1 879	37	102.0	182	110.7
Employment activities	18 030	956	105.6	2 107	113.2
Travel agency, tour operator and other reservation service and related activities	4 599	- 198	95.9	336	107.9
Security and investigation activities	26 221	1 444	105.8	4 108	118.6
Services to buildings and landscape activities	17 916	- 446	97.6	- 148	99.2
Office administrative, office support and other business support activities	27 682	669	102.5	1 181	104.5
Public administration and defence; compulsory social security	158 600	- 835	99.5	428	100.3
Education	140 998	3 089	102.2	1 067	100.8
Human health and social work activities	160 267	92	100.1	1 026	100.6
Human health activities	121 035	- 156	99.9	795	100.7
Residential care activities	10 498	- 131	98.8	67	100.6
Social work activities without accommodation	28 733	377	101.3	162	100.6
Arts, entertainment and recreation	34 184	32	100.1	1 362	104.1
Creative, arts and entertainment activities	8 970	136	101.5	216	102.5
Libraries, archives, museums and other cultural activities	6 848	- 179	97.5	- 73	98.9
Gambling and betting activities	8 925	161	101.8	979	112.3
Sports activities and amusement and recreation activities	9 441	- 85	99.1	240	102.6
Other service activities	40 786	- 583	98.6	1 274	103.2
Activities of membership organisations	12 442	- 526	95.9	781	106.7
Repair of computers and personal and household goods	7 812	- 41	99.5	78	101.0
Other personal service activities	20 532	- 16	99.9	415	102.1

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 2017	differences	indices	differences	indices
REPUBLIC OF SERBIA	2 086 740	9 166	100.4	56 481	102.8
SRBIJA – SEVER	1 235 453	12 097	101.0	40 733	103.4
Beogradski region	703 357	8 003	101.2	24 536	103.6
Region Vojvodine	532 096	4 094	100.8	16 196	103.1
SRBIJA – JUG	851 287	- 2 930	99.7	15 748	101.9
Region Šumadije i Zapadne Srbije	490 083	- 275	99.9	10 803	102.3
Region Južne i Istočne Srbije	361 204	- 2 655	99.3	4 945	101.4
Region Kosovo i Metohija

5. Structure of employees by statistical territorial units

	IV quarter 2017			
	Total	Employees at legal entities	Entrepreneurs and their employees and persons individually running business	Registered individual agricultural producers (farmers)
REPUBLIC OF SERBIA	2 086 740	1 654 536	349 470	82 734
SRBIJA – SEVER	1 235 453	1 038 959	170 488	26 006
Beogradski region	703 357	618 768	81 704	2 885
Region Vojvodine	532 096	420 191	88 784	23 121
SRBIJA – JUG	851 287	615 577	178 982	56 728
Region Šumadije i Zapadne Srbije	490 083	344 142	107 115	38 826
Region Južne i Istočne Srbije	361 204	271 435	71 867	17 902
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 2017	differences	indices	differences	indices
Public sector - total	610 871	- 1 722	99.7	- 7 364	98.8
Public state enterprises	89 955	- 1 354	98.5	- 3 597	96.2
Public local enterprises	61 349	- 1 129	98.2	- 1 995	96.9
Administration - government and autonomous province level	133 193	- 149	99.9	- 785	99.4
Administration - local authorities' level	28 127	- 687	97.6	1 036	103.8
Health and social work	150 154	- 342	99.8	- 1 765	98.8
Education and culture	148 093	1 940	101.3	- 258	99.8

7. Structure of employees in public sector

Republic of Serbia

	IV quarter 2017		
	Total	employees in "long-term employment"	employees in "temporary and occasional employment"
Public sector - total	610 871	587 205	23 666
Public state enterprises	89 955	87 017	2 938
Public local enterprises	61 349	56 774	4 575
Administration - government and autonomous province level	133 193	128 007	5 186
Administration - local authorities' level	28 127	24 266	3 861
Health and social work	150 154	145 776	4 378
Education and culture	148 093	145 365	2 728

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	2 004 006	700 472	508 975	451 257	343 302	...
Agriculture, forestry and fishing	32 778	4 312	18 691	5 587	4 188	...
Mining and quarrying	24 494	9 925	2 348	5 730	6 492	...
Manufacturing	426 374	65 050	134 570	130 488	96 267	...
Electricity, gas, steam and air conditioning supply	28 420	9 242	5 264	6 343	7 570	...
Water supply, sewerage, waste management and remediation	34 398	8 304	9 197	8 878	8 020	...
Construction	90 926	34 992	20 075	22 244	13 615	...
Wholesale and retail trade and repair of motor vehicles and m	335 941	120 103	87 375	75 886	52 576	...
Transportation and storage	117 057	44 559	29 428	25 697	17 372	...
Accommodation and food service activities	73 214	26 133	15 996	18 932	12 152	...
Information and communication	61 324	37 167	13 051	5 833	5 272	...
Financial and insurance activities	43 695	23 417	9 343	6 571	4 364	...
Real estate activities	5 910	3 243	1 262	949	456	...
Professional, scientific and technical activities	98 313	53 529	20 903	13 634	10 247	...
Administrative and support service activities	96 327	61 484	17 822	8 814	8 208	...
Public administration and defence; compulsory social security	158 600	79 810	28 108	27 096	23 586	...
Education	140 998	40 342	36 134	35 871	28 651	...
Human health and social work activities	160 267	49 349	41 929	36 459	32 530	...
Arts, entertainment and recreation	34 184	14 328	7 649	6 994	5 213	...
Other service activities	40 786	15 181	9 831	9 250	6 523	...

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 2017	differences	indices	differences	indices
Total	2 086 740	9 166	100.4	56 481	102.8
Employees	1 766 816	8 342	100.5	50 532	102.9
Self-employment activities	237 190	2 551	101.1	11 103	104.9
Agricultural producers (farmers)	82 734	- 1 727	98.0	- 5 154	94.1

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).

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