

# STATISTICAL RELEASE

# ZP11

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## Statistics of employment and earnings

### Salaries and wages per employee by activities paid in September 2016 -Republic of Serbia-

#### 1. Average salaries and wages per employee by activities, September 2016

RSD

	Gross salaries and wages		Net salaries and wages		Q3 2016	
	IX 2016	I-IX 2016	IX 2016	I-IX 2016	Gross salaries and wages	Net salaries and wages
<b>REPUBLIC OF SERBIA - TOTAL</b>	<b>64150</b>	<b>62505</b>	<b>46558</b>	<b>45405</b>	<b>63441</b>	<b>46041</b>
<b>Agriculture, forestry and fishing</b>	<b>55293</b>	<b>53055</b>	<b>39902</b>	<b>38300</b>	<b>54358</b>	<b>39245</b>
Crop and animal production, hunting and related service activities	54998	52103	39701	37603	53812	38853
Forestry and logging	57842	58308	41699	42071	57762	41691
Fishing and aquaculture	44269	41558	31953	30360	44499	32156
<b>Mining and quarrying</b>	<b>104216</b>	<b>102517</b>	<b>74233</b>	<b>73195</b>	<b>101964</b>	<b>72697</b>
Mining of coal and lignite	107254	105581	76173	74998	105384	74867
Extraction of crude petroleum and natural gas	139551	145879	99076	103639	143433	101800
Mining of metal ores	87950	82693	62759	59178	82747	59204
Other mining and quarrying	59742	51329	43123	37149	55774	40246
Mining support service activities	161252	193356	117481	143226	168570	123402
<b>Manufacturing</b>	<b>59365</b>	<b>58990</b>	<b>43084</b>	<b>42942</b>	<b>59554</b>	<b>43260</b>
Manufacture of food products	53907	52298	39386	38295	53543	39160
Manufacture of beverages	93254	102535	67593	74487	99997	71568
Manufacture of tobacco products	161896	157331	116545	113195	160032	114707
Manufacture of textiles	45275	47026	33061	34418	47022	34261
Manufacture of wearing apparel	37100	35161	27106	25835	36465	26775
Manufacture of leather and related products	38439	37539	27852	27390	37898	27465
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	39540	38641	28240	27601	39117	27974
Manufacture of paper and paper products	74557	77692	54534	57375	80742	60058
Printing and reproduction of recorded media	55242	52381	40154	37961	53298	38646
Manufacture of coke and refined petroleum products	123837	149128	90041	109546	132240	95728
Manufacture of chemicals and chemical products	75611	73138	54911	52880	74473	53853
Manufacture of basic pharmaceutical products and pharmaceutical preparations	114112	118368	81876	85685	112744	80916
Manufacture of rubber and plastic products	68989	67510	50125	49259	69097	50344
Manufacture of other non-metallic mineral products	65575	67574	47774	49176	69197	50454
Manufacture of basic metals	84736	81674	60616	58564	82597	59196
Manufacture of fabricated metal products, except machinery and equipment	57704	55520	42071	40589	56920	41540
Manufacture of computer, electronic and optical products	100378	111459	71410	82513	108557	79297
Manufacture of electrical equipment	59483	59139	42992	42482	59187	42779
Manufacture of machinery and equipment n.e.c.	64654	64927	46477	46741	65046	46713
Manufacture of motor vehicles, trailers and semi-trailers	53513	52676	38801	38414	54044	39169
Manufacture of other transport equipment	64346	59695	48915	44838	59926	45438
Manufacture of furniture	44183	43221	31784	30936	43731	31349
Other manufacturing	59300	58077	43193	42425	58281	42461
Repair and installation of machinery and equipment	50126	52301	36318	37873	51661	37439
<b>Electricity, gas, steam and air conditioning supply</b>	<b>110260</b>	<b>106900</b>	<b>78455</b>	<b>76087</b>	<b>107419</b>	<b>76463</b>
<b>Water supply, sewerage, waste management and remediation activities</b>	<b>55726</b>	<b>55622</b>	<b>40105</b>	<b>40185</b>	<b>56379</b>	<b>40685</b>
Water collection, treatment and supply	55962	56373	40207	40642	57564	41498
Sewerage	...	...	...	...	...	...
Waste collection, treatment and disposal activities; materials recovery	55402	54574	39966	39548	54760	39575
Remediation activities and other waste management services	...	...	...	...	...	...
<b>Construction</b>	<b>59491</b>	<b>55868</b>	<b>43431</b>	<b>40624</b>	<b>57161</b>	<b>41622</b>
Construction of buildings	53865	49168	40277	36396	51293	38129
Civil engineering	69275	62609	50203	45139	65634	47369
Specialised construction activities	49899	50731	36391	37047	49406	36099

# 1. Average salaries and wages per employee by activities, September 2016 (continued)

RSD

	Gross salaries and wages		Net salaries and wages		Q3 2016	
	IX 2016	I-IX 2016	IX 2016	I-IX 2016	Gross salaries and wages	Net salaries and wages
<b>Wholesale and retail trade and repair of motor vehicles and motorcycles</b>	<b>48999</b>	<b>48587</b>	<b>35944</b>	<b>35742</b>	<b>48801</b>	<b>35791</b>
Wholesale and retail trade and repair of motor vehicles and motorcycles	50916	52149	37273	38373	51965	38400
Wholesale trade, except of motor vehicles and motorcycles	71218	71813	51428	52409	70534	50914
Retail trade, except of motor vehicles and motorcycles	40199	39586	29813	29274	40124	29710
<b>Transportation and storage</b>	<b>68055</b>	<b>64335</b>	<b>49881</b>	<b>46912</b>	<b>66701</b>	<b>48870</b>
Land transport and transport via pipelines	55143	53873	40233	39003	53848	39040
Water transport	58323	61766	42062	44800	59432	42874
Air transport	225871	187740	177037	143204	211075	163293
Warehousing and support activities for transportation	88403	80432	64771	59064	87375	64733
Postal and courier activities	59052	58135	42567	41959	58740	42352
<b>Accommodation and food service activities</b>	<b>38744</b>	<b>37907</b>	<b>28557</b>	<b>27953</b>	<b>38684</b>	<b>28528</b>
Accommodation	50876	47746	36851	34580	49915	36247
Food and beverage service activities	34072	34114	25363	25399	34377	25567
<b>Information and communication</b>	<b>126529</b>	<b>115159</b>	<b>96641</b>	<b>86830</b>	<b>120021</b>	<b>90613</b>
Publishing activities	77151	75225	55831	54336	77507	55926
Motion picture, video and television programme production, sound recording and music publishing activities	31878	31286	23988	23527	31878	23988
Programming and broadcasting activities	102910	101012	85084	83319	100945	83325
Telecommunications	101426	107461	72834	77639	109421	79002
Computer programming, consultancy and related activities	293971	214267	231089	161878	229758	174887
Information service activities	74712	70455	53560	50599	71936	51562
<b>Financial and insurance activities</b>	<b>112335</b>	<b>110355</b>	<b>81148</b>	<b>80119</b>	<b>113531</b>	<b>82096</b>
Financial service activities, except insurance and pension funding	128529	127205	92922	92447	131859	95402
Insurance, reinsurance and pension funding, except compulsory social security	88632	84580	63624	60962	85059	61175
Activities auxiliary to financial services and insurance activities	34181	34701	25591	26085	34164	25579
<b>Real estate activities</b>	<b>80045</b>	<b>71276</b>	<b>57968</b>	<b>51665</b>	<b>74447</b>	<b>54033</b>
<b>Professional, scientific and technical activities</b>	<b>94556</b>	<b>98794</b>	<b>69598</b>	<b>73532</b>	<b>94144</b>	<b>69366</b>
Legal and accounting activities	61894	64348	46658	48807	65568	49669
Activities of head offices; management consultancy activities	159462	187905	121229	145695	159973	121439
Architectural and engineering activities; technical testing and analysis	83780	80054	60227	57589	83172	59888
Scientific research and development	98358	96365	70255	68907	94602	67538
Advertising and market research	151658	161677	113129	122934	147856	110366
Other professional, scientific and technical activities	46351	45575	34001	33447	45094	33102
Veterinary activities	51940	50211	37750	36485	51711	37458
<b>Administrative and support service activities</b>	<b>48510</b>	<b>49131</b>	<b>35133</b>	<b>35654</b>	<b>48403</b>	<b>35170</b>
Rental and leasing activities	32349	30975	24076	23127	32113	23906
Employment activities	68078	67801	49088	48752	66026	47526
Travel agency, tour operator and other reservation service and related activities	28862	26066	21629	19480	28130	21049
Security and investigation activities	38574	39241	28154	28699	38923	28431
Services to buildings and landscape activities	49106	48151	35288	34792	48230	34819
Office administrative, office support and other business support activities	69437	73773	50012	53423	70708	51807
<b>Public administration and defence; compulsory social security</b>	<b>67789</b>	<b>66673</b>	<b>48667</b>	<b>47900</b>	<b>67888</b>	<b>48746</b>
<b>Education</b>	<b>60146</b>	<b>56541</b>	<b>43195</b>	<b>40670</b>	<b>57597</b>	<b>41409</b>
<b>Human health and social work activities</b>	<b>57651</b>	<b>55562</b>	<b>41586</b>	<b>40072</b>	<b>57402</b>	<b>41409</b>
Human health activities	60422	58314	43549	42014	60260	43433
Residential care activities	44753	43640	32507	31719	44070	32059
Social work activities without accommodation	47643	45411	34483	32888	47033	34041
<b>Arts, entertainment and recreation</b>	<b>51473</b>	<b>50701</b>	<b>37023</b>	<b>36810</b>	<b>51100</b>	<b>37030</b>
Creative, arts and entertainment activities	54959	52766	39696	38086	55042	39734
Libraries, archives, museums and other cultural activities	55785	54349	40281	39303	55399	40035
Gambling and betting activities	46499	47649	33693	34593	47758	34645
Sports activities and amusement and recreation activities	51910	49177	36293	36244	47079	34394
<b>Other service activities</b>	<b>45587</b>	<b>46731</b>	<b>33620</b>	<b>34557</b>	<b>47636</b>	<b>35147</b>
Activities of membership organisations	111940	108493	80426	78504	109022	78655
Repair of computers and personal and household goods	33354	32438	25766	24877	32473	24930
Other personal service activities	36044	38951	26657	28868	40064	29617

## 2. Average salaries and wages per employee by regions of the Republic of Serbia, September 2016

RSD

	Gross salaries and wages		Net salaries and wages		Q3 2016	
	IX 2016	I-IX 2016	IX 2016	I-IX 2016	Gross salaries and wages	Net salaries and wages
<b>REPUBLIC OF SERBIA</b>	<b>64150</b>	<b>62505</b>	<b>46558</b>	<b>45405</b>	<b>63441</b>	<b>46041</b>
<b>SERBIA – NORTH</b>	<b>71188</b>	<b>69409</b>	<b>51756</b>	<b>50503</b>	<b>70439</b>	<b>51185</b>
City of Belgrade	80759	77982	58867	56810	79517	57887
Region of Vojvodina	61120	60305	44277	43806	60882	44129
<b>SERBIA – SOUTH</b>	<b>54741</b>	<b>53282</b>	<b>39607</b>	<b>38594</b>	<b>54083</b>	<b>39162</b>
Region of Sumadija and Western Serbia	53507	51948	38827	37727	52887	38390
Region of Southern and Eastern Serbia	56231	54900	40547	39647	55530	40097
Region of Kosovo and Metohia	...	...	...	...		

## 3. Indices of gross salaries and wages

	$\frac{\text{IX 2016}}{\text{VIII 2016}}$	$\frac{\text{IX 2016}}{\text{XII 2015}}$	$\frac{\text{IX 2016}}{\text{IX 2015}}$	$\frac{\text{IX 2016}}{\text{Ø 2015}}$	$\frac{\text{I-IX 2016}}{\text{I-IX 2015}}$	$\frac{\text{I-IX 2016}}{\text{Ø 2015}}$
<b>Nominal indices of gross salaries and wages</b>						
<b>REPUBLIC OF SERBIA</b>	<b>102.7</b>	<b>90.7</b>	<b>106.0</b>	<b>104.9</b>	<b>103.9</b>	<b>102.2</b>
<b>SERBIA – NORTH</b>	<b>102.4</b>	<b>88.5</b>	<b>106.1</b>	<b>104.5</b>	<b>103.7</b>	<b>101.9</b>
City of Belgrade	103.2	88.8	106.9	106.0	104.2	102.3
Region of Vojvodina	101.4	88.6	105.8	103.1	103.5	101.7
<b>SERBIA – SOUTH</b>	<b>103.1</b>	<b>94.5</b>	<b>105.9</b>	<b>105.7</b>	<b>104.3</b>	<b>102.9</b>
Region of Sumadija and Western Serbia	102.8	93.2	105.7	104.9	103.4	101.8
Region of Southern and Eastern Serbia	103.5	96.1	106.0	106.7	105.4	104.1
Region of Kosovo and Metohia	...	...	...	...	...	...
<b>Real indices of gross salaries and wages</b>						
<b>REPUBLIC OF SERBIA</b>	<b>103.3</b>	<b>89.7</b>	<b>105.4</b>	<b>103.7</b>	<b>102.9</b>	<b>101.2</b>
Region of Vojvodina	102.1	87.5	105.1	101.5	102.2	100.5

## 4. Indices of net salaries and wages

	$\frac{\text{IX 2016}}{\text{VIII 2016}}$	$\frac{\text{IX 2016}}{\text{XII 2015}}$	$\frac{\text{IX 2016}}{\text{IX 2015}}$	$\frac{\text{IX 2016}}{\text{Ø 2015}}$	$\frac{\text{I-IX 2016}}{\text{I-IX 2015}}$	$\frac{\text{I-IX 2016}}{\text{Ø 2015}}$
<b>Nominal indices of net salaries and wages</b>						
<b>REPUBLIC OF SERBIA</b>	<b>102.8</b>	<b>90.4</b>	<b>106.0</b>	<b>104.8</b>	<b>103.8</b>	<b>102.2</b>
<b>SERBIA – NORTH</b>	<b>102.7</b>	<b>88.3</b>	<b>106.1</b>	<b>104.4</b>	<b>103.6</b>	<b>101.8</b>
City of Belgrade	103.7	88.5	106.8	106.0	104.2	102.3
Region of Vojvodina	101.4	88.5	105.8	102.9	103.5	101.8
<b>SERBIA – SOUTH</b>	<b>103.0</b>	<b>94.2</b>	<b>105.8</b>	<b>105.5</b>	<b>104.3</b>	<b>102.8</b>
Region of Sumadija and Western Serbia	102.8	92.9	105.6	104.8	103.4	101.8
Region of Southern and Eastern Serbia	103.2	95.7	106.0	106.5	105.4	104.1
Region of Kosovo and Metohia	...	...	...	...	...	...
<b>Real indices of net salaries and wages</b>						
<b>REPUBLIC OF SERBIA</b>	<b>103.4</b>	<b>89.4</b>	<b>105.4</b>	<b>103.6</b>	<b>102.8</b>	<b>101.2</b>
Region of Vojvodina	102.1	87.4	105.1	101.3	102.2	100.6

### Methodological explanations

The data in this statistical release are obtained from Monthly statistical survey on employees and their salaries and wages (RAD-1) and from Ministry of Finance (Tax Administration).

The data regarding salaries and wages of the employed in legal entities of all types of ownership are collected by statistical survey RAD-1, while the data referring to salaries and wages of the entrepreneurs' employees are attained from the records of Tax Administration.

The salaries and wages are defined pursuant to the Law on Labor ("Official Journal of the Republic of Serbia", no 24/2005, 61/2005 and 75/2014).

The data presentation by activities was carried out pursuant to the Regulation on Classification of Activities ("Official Gazette of RS", No. 54/10), while the territorial distribution was based on the Regulation on Nomenclature of Statistical Territorial Units ("Official Gazette of RS, No. 109/09 and 46/10).

This statistical release presents average gross and net salaries and wages per employee, paid in the respective month, regardless of the referent period.

Starting from January 2009, the Statistical Office of the Republic of Serbia is expanding units coverage. Besides the salaries and wages paid to legal entities' employees, from January 2009, salaries and wages paid to employees working for entrepreneurs have been also included in calculation of average salaries and wages.

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 Metohia and therefore these data are not included in the coverage for the Republic of Serbia (total).

**Note:** Data on average salaries and wages by CA divisions (2010), by regions of NSTU can be found on the following web page:

<http://webzrs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=24>

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