

# STATISTICAL RELEASE

# ZP11

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## Statistics of employment and earnings

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

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

|   | RSD                      |               |                        |              |                          |                        |
|---|--------------------------|---------------|------------------------|--------------|--------------------------|------------------------|
|   | Gross salaries and wages |               | Net salaries and wages |              | Q2 2016                  |                        |
|   | VI 2016                  | I-VI 2016     | VI 2016                | I-VI 2016    | Gross salaries and wages | Net salaries and wages |
| <b>REPUBLIC OF SERBIA - TOTAL</b>   | <b>64019</b>             | <b>62034</b>  | <b>46450</b>           | <b>45085</b> | <b>64001</b>             | <b>46549</b>           |
| <b>Agriculture, forestry and fishing</b>  | <b>54321</b>             | <b>52395</b>  | <b>39003</b>           | <b>37820</b> | <b>54120</b>             | <b>38999</b>           |
| Crop and animal production, hunting and related service activities  | 53274                    | 51238         | 38189                  | 36970        | 53268                    | 38360                  |
| Forestry and logging  | 59569                    | 58588         | 42931                  | 42266        | 59243                    | 42759                  |
| Fishing and aquaculture   | 44846                    | 40170         | 32660                  | 29513        | 40867                    | 29618                  |
| <b>Mining and quarrying</b>   | <b>102625</b>            | <b>102805</b> | <b>73282</b>           | <b>73455</b> | <b>103463</b>            | <b>74035</b>           |
| Mining of coal and lignite  | 104747                   | 105686        | 74419                  | 75069        | 104753                   | 74433                  |
| Extraction of crude petroleum and natural gas   | 144322                   | 147084        | 102291                 | 104545       | 147246                   | 104884                 |
| Mining of metal ores  | 86307                    | 82666         | 61583                  | 59166        | 85779                    | 61321                  |
| Other mining and quarrying  | 52130                    | 49285         | 36892                  | 35726        | 50448                    | 36526                  |
| Mining support service activities   | 195198                   | 206021        | 147153                 | 153356       | 218879                   | 165451                 |
| <b>Manufacturing</b>  | <b>61955</b>             | <b>58703</b>  | <b>44952</b>           | <b>42780</b> | <b>60601</b>             | <b>44167</b>           |
| Manufacture of food products  | 54040                    | 51671         | 39588                  | 37861        | 54035                    | 39671                  |
| Manufacture of beverages  | 98849                    | 103745        | 71730                  | 75879        | 101663                   | 74555                  |
| Manufacture of tobacco products   | 145218                   | 155955        | 102879                 | 112425       | 158419                   | 113367                 |
| Manufacture of textiles   | 47733                    | 47029         | 35028                  | 34498        | 46432                    | 33866                  |
| Manufacture of wearing apparel  | 36201                    | 34509         | 26604                  | 25365        | 35822                    | 26332                  |
| Manufacture of leather and related products   | 40673                    | 37348         | 29518                  | 27350        | 39014                    | 28391                  |
| Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 40380                    | 38393         | 29007                  | 27408        | 40007                    | 28672                  |
| Manufacture of paper and paper products   | 84639                    | 76117         | 62684                  | 55990        | 80040                    | 59186                  |
| Printing and reproduction of recorded media   | 58085                    | 51905         | 42188                  | 37605        | 54159                    | 39264                  |
| Manufacture of coke and refined petroleum products  | 142849                   | 157496        | 105528                 | 116392       | 176601                   | 132839                 |
| Manufacture of chemicals and chemical products  | 79056                    | 72485         | 57033                  | 52405        | 70498                    | 50974                  |
| Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 136358                   | 121176        | 97618                  | 88066        | 127868                   | 93351                  |
| Manufacture of rubber and plastic products  | 68592                    | 66684         | 49854                  | 48694        | 67856                    | 49364                  |
| Manufacture of other non-metallic mineral products  | 66875                    | 66756         | 47895                  | 48533        | 67966                    | 49427                  |
| Manufacture of basic metals   | 110862                   | 81212         | 78957                  | 58249        | 89676                    | 64184                  |
| Manufacture of fabricated metal products, except machinery and equipment  | 57192                    | 54779         | 41556                  | 40086        | 57893                    | 42361                  |
| Manufacture of computer, electronic and optical products  | 116791                   | 112931        | 86942                  | 84145        | 110547                   | 81660                  |
| Manufacture of electrical equipment   | 63444                    | 59112         | 45789                  | 42322        | 62813                    | 45227                  |
| Manufacture of machinery and equipment n.e.c.   | 63562                    | 64873         | 45060                  | 46753        | 64943                    | 46711                  |
| Manufacture of motor vehicles, trailers and semi-trailers   | 54725                    | 51975         | 39567                  | 38027        | 53324                    | 38911                  |
| Manufacture of other transport equipment  | 62945                    | 59581         | 47298                  | 44539        | 62879                    | 46820                  |
| Manufacture of furniture  | 42512                    | 42945         | 30376                  | 30712        | 44601                    | 31870                  |
| Other manufacturing   | 56808                    | 57975         | 41384                  | 42407        | 57703                    | 42221                  |
| Repair and installation of machinery and equipment  | 51418                    | 52639         | 37488                  | 38102        | 52685                    | 38217                  |
| <b>Electricity, gas, steam and air conditioning supply</b>  | <b>108517</b>            | <b>106643</b> | <b>77209</b>           | <b>75901</b> | <b>109145</b>            | <b>77685</b>           |
| <b>Water supply, sewerage, waste management and remediation activities</b>  | <b>56688</b>             | <b>55241</b>  | <b>40900</b>           | <b>39934</b> | <b>56165</b>             | <b>40597</b>           |
| Water collection, treatment and supply  | 57410                    | 55781         | 41241                  | 40217        | 56941                    | 41033                  |
| Sewerage  | ...                      | ...           | ...                    | ...          | ...                      | ...                    |
| Waste collection, treatment and disposal activities; materials recovery   | 55698                    | 54479         | 40433                  | 39534        | 55098                    | 39998                  |
| Remediation activities and other waste management services  | ...                      | ...           | ...                    | ...          | ...                      | ...                    |
| <b>Construction</b>   | <b>58047</b>             | <b>55212</b>  | <b>42230</b>           | <b>40118</b> | <b>56528</b>             | <b>41088</b>           |
| Construction of buildings   | 51772                    | 48064         | 38290                  | 35496        | 48842                    | 36070                  |
| Civil engineering   | 66735                    | 61083         | 48181                  | 44014        | 64551                    | 46451                  |
| Specialised construction activities   | 50011                    | 51397         | 36529                  | 37524        | 50101                    | 36727                  |

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

RSD

|  | Gross salaries and wages |               | Net salaries and wages |              | Q2 2016                  |                        |
|--|--------------------------|---------------|------------------------|--------------|--------------------------|------------------------|
|  | VI 2016                  | I-VI 2016     | VI 2016                | I-VI 2016    | Gross salaries and wages | Net salaries and wages |
| <b>Wholesale and retail trade and repair of motor vehicles and motorcycles</b>                             | <b>47220</b>             | <b>48479</b>  | <b>34626</b>           | <b>35717</b> | <b>49485</b>             | <b>36483</b>           |
| Wholesale and retail trade and repair of motor vehicles and motorcycles                                    | 51572                    | 52244         | 37711                  | 38359        | 51829                    | 37977                  |
| Wholesale trade, except of motor vehicles and motorcycles  | 68954                    | 72485         | 49913                  | 53195        | 75208                    | 55316                  |
| Retail trade, except of motor vehicles and motorcycles   | 38580                    | 39317         | 28547                  | 29056        | 39669                    | 29320                  |
| <b>Transportation and storage</b>  | <b>66098</b>             | <b>63140</b>  | <b>48069</b>           | <b>45923</b> | <b>64640</b>             | <b>47086</b>           |
| Land transport and transport via pipelines   | 54720                    | 53885         | 39549                  | 38984        | 53854                    | 38994                  |
| Water transport  | 59545                    | 63036         | 42884                  | 45847        | 60057                    | 43895                  |
| Air transport  | 203672                   | 175737        | 155215                 | 132872       | 192763                   | 146699                 |
| Warehousing and support activities for transportation  | 83999                    | 76912         | 61284                  | 56189        | 82280                    | 60115                  |
| Postal and courier activities  | 58468                    | 57832         | 42156                  | 41763        | 57233                    | 41395                  |
| <b>Accommodation and food service activities</b>   | <b>37780</b>             | <b>37521</b>  | <b>27935</b>           | <b>27668</b> | <b>38032</b>             | <b>28036</b>           |
| Accommodation  | 46917                    | 46677         | 33932                  | 33757        | 47808                    | 34537                  |
| Food and beverage service activities   | 34280                    | 33983         | 25637                  | 25316        | 34274                    | 25536                  |
| <b>Information and communication</b>   | <b>115255</b>            | <b>112710</b> | <b>86307</b>           | <b>84925</b> | <b>120218</b>            | <b>90385</b>           |
| Publishing activities  | 75928                    | 74093         | 54652                  | 53547        | 77169                    | 55961                  |
| Motion picture, video and television programme production, sound recording and music publishing activities | 29317                    | 31008         | 22154                  | 23311        | 29886                    | 22489                  |
| Programming and broadcasting activities  | 110544                   | 101045        | 90648                  | 83315        | 102156                   | 84117                  |
| Telecommunications   | 104330                   | 106491        | 74878                  | 76965        | 118286                   | 85869                  |
| Computer programming, consultancy and related activities   | 198922                   | 205241        | 147106                 | 154298       | 203516                   | 151460                 |
| Information service activities   | 67172                    | 69718         | 48137                  | 50119        | 68888                    | 49404                  |
| <b>Financial and insurance activities</b>  | <b>110320</b>            | <b>108773</b> | <b>80122</b>           | <b>79134</b> | <b>111914</b>            | <b>81568</b>           |
| Financial service activities, except insurance and pension funding   | 127571                   | 124890        | 92792                  | 90978        | 130242                   | 95277                  |
| Insurance, reinsurance and pension funding, except compulsory social security                              | 83667                    | 84341         | 60227                  | 60855        | 82723                    | 59241                  |
| Activities auxiliary to financial services and insurance activities  | 34619                    | 34972         | 25937                  | 26340        | 34532                    | 25873                  |
| <b>Real estate activities</b>  | <b>70604</b>             | <b>69718</b>  | <b>50961</b>           | <b>50502</b> | <b>72720</b>             | <b>52826</b>           |
| <b>Professional, scientific and technical activities</b>   | <b>102647</b>            | <b>101116</b> | <b>76831</b>           | <b>75613</b> | <b>109866</b>            | <b>82831</b>           |
| Legal and accounting activities  | 68239                    | 63738         | 52043                  | 48377        | 63768                    | 48287                  |
| Activities of head offices; management consultancy activities  | 196927                   | 201536        | 155327                 | 157532       | 242317                   | 192133                 |
| Architectural and engineering activities; technical testing and analysis                                   | 82366                    | 78518         | 59253                  | 56456        | 81075                    | 58323                  |
| Scientific research and development  | 98764                    | 97242         | 70650                  | 69589        | 97706                    | 69773                  |
| Advertising and market research  | 170014                   | 169435        | 127042                 | 129988       | 187858                   | 144863                 |
| Other professional, scientific and technical activities  | 44494                    | 45817         | 32655                  | 33620        | 46139                    | 33843                  |
| Veterinary activities  | 51335                    | 49435         | 37331                  | 35983        | 52303                    | 38062                  |
| <b>Administrative and support service activities</b>   | <b>49376</b>             | <b>49512</b>  | <b>35782</b>           | <b>35908</b> | <b>49653</b>             | <b>36021</b>           |
| Rental and leasing activities  | 30971                    | 30320         | 23077                  | 22680        | 31526                    | 23491                  |
| Employment activities  | 67184                    | 68751         | 48325                  | 49408        | 69190                    | 49736                  |
| Travel agency, tour operator and other reservation service and related activities                          | 27457                    | 25178         | 20461                  | 18805        | 25233                    | 18852                  |
| Security and investigation activities  | 39334                    | 39412         | 28686                  | 28842        | 39298                    | 28771                  |
| Services to buildings and landscape activities   | 47234                    | 48111         | 34120                  | 34779        | 48591                    | 35114                  |
| Office administrative, office support and other business support activities                                | 78936                    | 75359         | 57041                  | 54260        | 76382                    | 55046                  |
| <b>Public administration and defence; compulsory social security</b>                                       | <b>67751</b>             | <b>66064</b>  | <b>48742</b>           | <b>47476</b> | <b>67731</b>             | <b>48702</b>           |
| <b>Education</b>   | <b>56801</b>             | <b>56021</b>  | <b>40845</b>           | <b>40306</b> | <b>56313</b>             | <b>40504</b>           |
| <b>Human health and social work activities</b>   | <b>58348</b>             | <b>54647</b>  | <b>42143</b>           | <b>39407</b> | <b>57991</b>             | <b>41853</b>           |
| Human health activities  | 61467                    | 57344         | 44362                  | 41307        | 61077                    | 44040                  |
| Residential care activities  | 45512                    | 43425         | 33061                  | 31549        | 45076                    | 32763                  |
| Social work activities without accommodation   | 46742                    | 44613         | 33868                  | 32322        | 46619                    | 33777                  |
| <b>Arts, entertainment and recreation</b>  | <b>49541</b>             | <b>50500</b>  | <b>36065</b>           | <b>36699</b> | <b>50175</b>             | <b>36432</b>           |
| Creative, arts and entertainment activities  | 39941                    | 51652         | 28882                  | 37280        | 50660                    | 36597                  |
| Libraries, archives, museums and other cultural activities   | 56020                    | 53825         | 40448                  | 38937        | 55348                    | 40019                  |
| Gambling and betting activities  | 50379                    | 47593         | 36547                  | 34566        | 47879                    | 34757                  |
| Sports activities and amusement and recreation activities  | 48978                    | 50237         | 36737                  | 37178        | 46474                    | 34278                  |
| <b>Other service activities</b>  | <b>55823</b>             | <b>46276</b>  | <b>41024</b>           | <b>34260</b> | <b>49182</b>             | <b>36360</b>           |
| Activities of membership organisations   | 122981                   | 108224        | 88515                  | 78427        | 121095                   | 87774                  |
| Repair of computers and personal and household goods   | 32032                    | 32421         | 24474                  | 24851        | 32404                    | 24843                  |
| Other personal service activities  | 49913                    | 38390         | 36759                  | 28490        | 40243                    | 29819                  |

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

RSD

|                                       | Gross salaries and wages |              | Net salaries and wages |              | Q2 2016                  |                        |
|---------------------------------------|--------------------------|--------------|------------------------|--------------|--------------------------|------------------------|
|                                       | VI 2016                  | I-VI 2016    | VI 2016                | I-VI 2016    | Gross salaries and wages | Net salaries and wages |
| <b>REPUBLIC OF SERBIA</b>             | <b>64019</b>             | <b>62034</b> | <b>46450</b>           | <b>45085</b> | <b>64001</b>             | <b>46549</b>           |
| <b>SERBIA – NORTH</b>                 | <b>70614</b>             | <b>68889</b> | <b>51344</b>           | <b>50159</b> | <b>71238</b>             | <b>51936</b>           |
| City of Belgrade                      | 78653                    | 77213        | 57227                  | 56270        | 79268                    | 57828                  |
| Region of Vojvodina                   | 62157                    | 60012        | 45154                  | 43642        | 62769                    | 45723                  |
| <b>SERBIA – SOUTH</b>                 | <b>55211</b>             | <b>52879</b> | <b>39914</b>           | <b>38308</b> | <b>54306</b>             | <b>39333</b>           |
| Region of Sumadija and Western Serbia | 53011                    | 51476        | 38388                  | 37394        | 52833                    | 38364                  |
| Region of Southern and Eastern Serbia | 57883                    | 54583        | 41768                  | 39419        | 56097                    | 40512                  |
| Region of Kosovo and Metohia          | ...                      | ...          | ...                    | ...          | ...                      | ...                    |

### 3. Indices of gross salaries and wages

|  | $\frac{VI\ 2016}{V\ 2016}$ | $\frac{VI\ 2016}{XII\ 2015}$ | $\frac{VI\ 2016}{VI\ 2015}$ | $\frac{VI\ 2016}{\emptyset\ 2015}$ | $\frac{I-VI\ 2016}{I-VI\ 2015}$ | $\frac{I-VI\ 2016}{\emptyset\ 2015}$ |
|--|----------------------------|------------------------------|-----------------------------|------------------------------------|---------------------------------|--------------------------------------|
| <b>Nominal indices of gross salaries and wages</b> |                            |                              |                             |                                    |                                 |                                      |
| <b>REPUBLIC OF SERBIA</b>                          | <b>105.8</b>               | <b>90.5</b>                  | <b>104.4</b>                | <b>104.7</b>                       | <b>104.3</b>                    | <b>101.5</b>                         |
| <b>SERBIA – NORTH</b>                              | <b>105.6</b>               | <b>87.8</b>                  | <b>103.6</b>                | <b>103.6</b>                       | <b>104.1</b>                    | <b>101.1</b>                         |
| City of Belgrade                                   | 103.4                      | 86.5                         | 102.3                       | 103.2                              | 104.5                           | 101.3                                |
| Region of Vojvodina                                | 108.6                      | 90.1                         | 106.1                       | 104.9                              | 104.1                           | 101.2                                |
| <b>SERBIA – SOUTH</b>                              | <b>106.2</b>               | <b>95.3</b>                  | <b>105.9</b>                | <b>106.6</b>                       | <b>104.9</b>                    | <b>102.1</b>                         |
| Region of Sumadija and Western Serbia              | 103.7                      | 92.3                         | 102.7                       | 103.9                              | 103.6                           | 100.9                                |
| Region of Southern and Eastern Serbia              | 109.1                      | 98.9                         | 109.8                       | 109.8                              | 106.4                           | 103.5                                |
| Region of Kosovo and Metohia                       | ...                        | ...                          | ...                         | ...                                | ...                             | ...                                  |
| <b>Real indices of gross salaries and wages</b>    |                            |                              |                             |                                    |                                 |                                      |
| <b>REPUBLIC OF SERBIA</b>                          | <b>105.7</b>               | <b>89.7</b>                  | <b>104.1</b>                | <b>103.7</b>                       | <b>103.3</b>                    | <b>100.7</b>                         |
| Region of Vojvodina                                | 108.8                      | 89.3                         | 105.9                       | 103.8                              | 102.8                           | 100.2                                |

### 4. Indices of net salaries and wages

|  | $\frac{VI\ 2016}{V\ 2016}$ | $\frac{VI\ 2016}{XII\ 2015}$ | $\frac{VI\ 2016}{VI\ 2015}$ | $\frac{VI\ 2016}{\emptyset\ 2015}$ | $\frac{I-VI\ 2016}{I-VI\ 2015}$ | $\frac{I-VI\ 2016}{\emptyset\ 2015}$ |
|--|----------------------------|------------------------------|-----------------------------|------------------------------------|---------------------------------|--------------------------------------|
| <b>Nominal indices of net salaries and wages</b> |                            |                              |                             |                                    |                                 |                                      |
| <b>REPUBLIC OF SERBIA</b>                        | <b>105.7</b>               | <b>90.2</b>                  | <b>104.2</b>                | <b>104.5</b>                       | <b>104.3</b>                    | <b>101.5</b>                         |
| <b>SERBIA – NORTH</b>                            | <b>105.6</b>               | <b>87.6</b>                  | <b>103.4</b>                | <b>103.5</b>                       | <b>104.0</b>                    | <b>101.1</b>                         |
| City of Belgrade                                 | 103.1                      | 86.0                         | 102.1                       | 103.0                              | 104.4                           | 101.3                                |
| Region of Vojvodina                              | 109.1                      | 90.3                         | 106.1                       | 104.9                              | 104.1                           | 101.4                                |
| <b>SERBIA – SOUTH</b>                            | <b>105.9</b>               | <b>94.9</b>                  | <b>105.6</b>                | <b>106.4</b>                       | <b>104.9</b>                    | <b>102.1</b>                         |
| Region of Sumadija and Western Serbia            | 103.3                      | 91.9                         | 102.3                       | 103.6                              | 103.6                           | 100.9                                |
| Region of Southern and Eastern Serbia            | 109.0                      | 98.6                         | 109.6                       | 109.7                              | 106.4                           | 103.5                                |
| Region of Kosovo and Metohia                     | ...                        | ...                          | ...                         | ...                                | ...                             | ...                                  |
| <b>Real indices of net salaries and wages</b>    |                            |                              |                             |                                    |                                 |                                      |
| <b>REPUBLIC OF SERBIA</b>                        | <b>105.6</b>               | <b>89.4</b>                  | <b>103.9</b>                | <b>103.5</b>                       | <b>103.3</b>                    | <b>100.7</b>                         |
| Region of Vojvodina                              | 109.3                      | 89.5                         | 105.9                       | 103.8                              | 102.8                           | 100.4                                |

## 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://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=24>

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