

# STATISTICAL RELEASE

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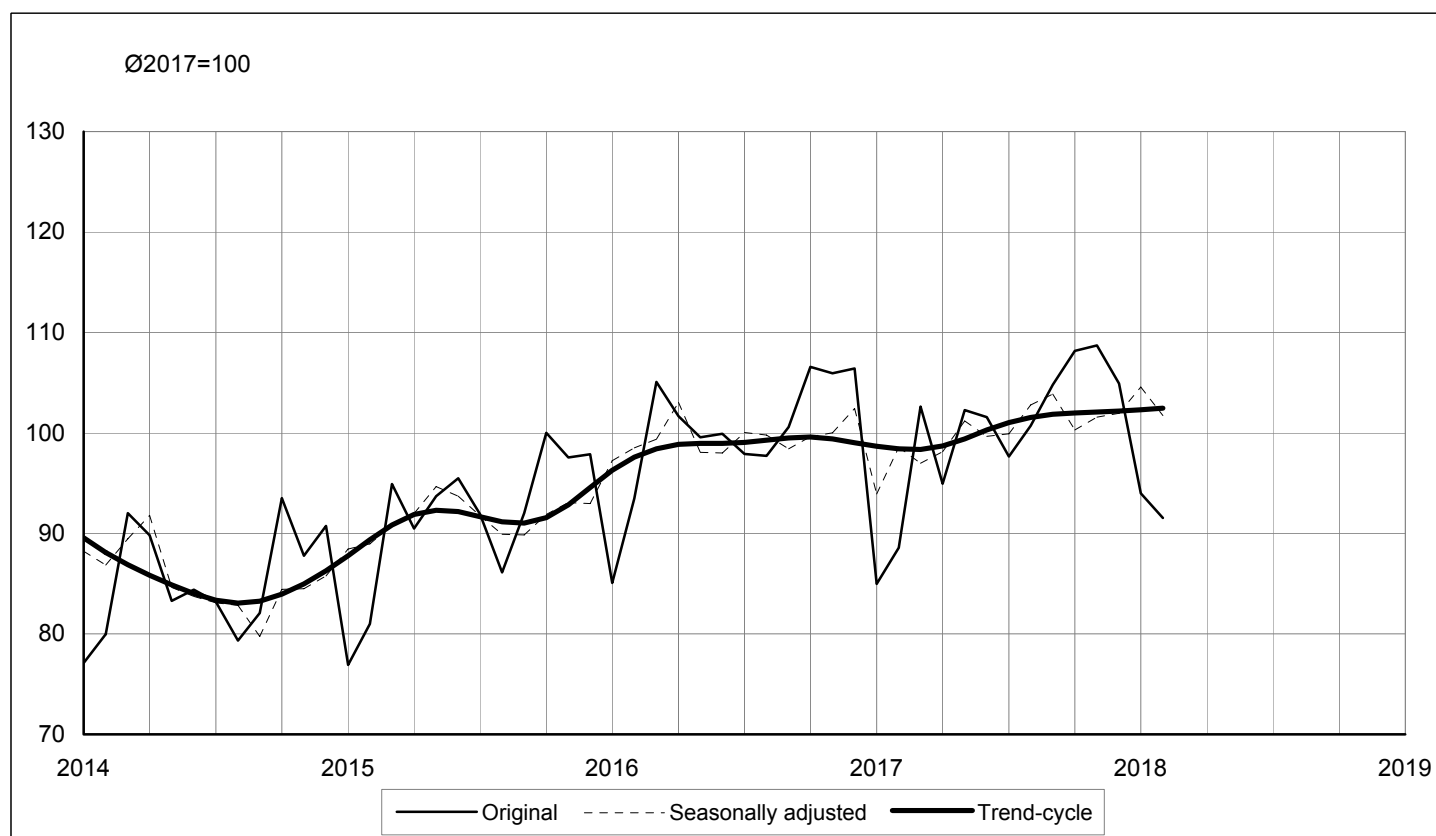
## Industry statistics

### Industrial production indices, February 2018 - Previous results -

Industrial production in the Republic of Serbia, in February 2018 was by 3.3% greater compared to February 2017. Industrial production for January - February 2018, compared to the same period last year was by 6.9% greater. The manufacturing section increased by 8.0% in the period January-February 2018 compared to the same period in 2017.

Observed by sections, February 2018, compared to February 2017, in the mining and quarrying section saw a 9.5% fall, while the production in the manufacturing section increased by 4.7%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 3.7%.

### Industrial production, 2014 - 2018



Data in this Communication represent previous results and may undergo certain modifications.

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).

## 1. Industrial production indices, by sections, MIGs and divisions, 2018

Republic of Serbia

	Ø2017=100			II 2018	I-II 2018
	I	II	I-II	II 2017	I-II 2017
<b>Industry total<sup>1)</sup></b>	<b>94.0</b>	<b>91.5</b>	<b>92.8</b>	<b>103.3</b>	<b>106.9</b>
<b>Energy</b>	<b>115.6</b>	<b>97.1</b>	<b>106.4</b>	<b>98.4</b>	<b>104.1</b>
<b>Intermediate goods, except energy</b>	<b>88.4</b>	<b>94.6</b>	<b>91.5</b>	<b>113.7</b>	<b>117.6</b>
<b>Capital goods</b>	<b>82.5</b>	<b>93.0</b>	<b>87.7</b>	<b>99.4</b>	<b>99.0</b>
<b>Durable consumer goods</b>	<b>90.7</b>	<b>88.5</b>	<b>89.6</b>	<b>105.5</b>	<b>117.1</b>
<b>Non-durable consumer goods</b>	<b>82.3</b>	<b>82.7</b>	<b>82.5</b>	<b>100.0</b>	<b>102.0</b>
<b>Mining and quarrying</b>	<b>99.2</b>	<b>87.1</b>	<b>93.2</b>	<b>90.5</b>	<b>99.9</b>
Mining of coal and lignite	105.3	88.6	96.9	84.5	96.0
Extraction of crude petroleum and natural gas	98.9	89.0	94.0	99.0	97.1
Mining of metal ores	100.0	86.6	93.3	96.5	105.3
Other mining and quarrying	46.1	72.7	59.4	137.4	161.4
<b>Manufacturing</b>	<b>86.0</b>	<b>87.6</b>	<b>86.8</b>	<b>104.7</b>	<b>108.0</b>
Manufacture of food products	80.0	77.1	78.6	94.6	97.3
Manufacture of beverages	72.9	73.1	73.0	111.3	118.5
Manufacture of tobacco products	89.3	83.7	86.5	94.9	102.5
Manufacture of textiles	105.2	107.5	106.3	132.4	127.3
Manufacture of wearing apparel	90.2	112.9	101.6	121.0	113.6
Manufacture of leather and related products	98.9	109.8	104.4	107.3	108.9
Manufacture of wood and of products of wood and cork, except furniture	87.4	78.4	82.9	94.0	107.5
Manufacture of paper and paper products	86.1	98.5	92.3	108.8	105.6
Printing and reproduction of recorded media	78.1	87.7	82.9	104.7	100.7
Manufacture of coke and refined petroleum products	95.0	69.1	82.1	92.8	105.0
Manufacture of chemicals and chemical products	108.8	105.7	107.3	119.6	132.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	89.2	92.1	90.6	99.0	100.8
Manufacture of rubber and plastic products	83.6	96.6	90.1	106.7	106.4
Manufacture of other non-metallic mineral products	57.8	66.9	62.4	117.4	143.1
Manufacture of basic metals	111.6	100.1	105.9	124.8	126.8
Manufacture of fabricated metal products, except machinery and equipment	79.2	101.8	90.5	118.8	111.9
Manufacture of computer, electronic and optical products	68.6	77.5	73.0	91.0	87.5
Manufacture of electrical equipment	73.2	80.9	77.0	99.6	100.4
Manufacture of machinery and equipment n.e.c.	83.3	86.0	84.7	93.3	102.4
Manufacture of motor vehicles, trailers and semi-trailers	100.8	112.4	106.6	102.3	102.7
Manufacture of other transport equipment	77.1	101.6	89.3	91.3	88.2
Manufacture of furniture	96.9	92.2	94.6	108.0	126.0
Other manufacturing	80.6	101.7	91.1	124.0	110.8
Repair and installation of machinery and equipment	106.8	91.2	99.0	107.0	113.7
<b>Electricity, gas, steam and air conditioning supply</b>	<b>127.7</b>	<b>111.3</b>	<b>119.5</b>	<b>103.7</b>	<b>106.2</b>
Electricity, gas, steam and air conditioning supply	127.7	111.3	119.5	103.7	106.2

<sup>1)</sup> The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for February 2018. The estimate was made on the basis of the sample. If the estimate of industrial production of small-sized enterprises is included, the industrial production index for February 2018/2017 average, for total industrial production stands at 91.7 and for manufacturing 87.8.

## 2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2017=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>Industry total</b>												
2017	93.9	98.6	97.0	98.2	101.2	99.7	99.9	102.8	103.9	100.3	101.6	102.0
2018	104.6	101.7										
<b>Manufacturing</b>												
2017	94.7	98.9	99.9	98.4	100.5	98.9	98.8	101.9	102.8	99.7	102.0	101.8
2018	106.5	103.4										

### Industrial production indices<sup>1)</sup>

Industrial production index shows the percentage of decrease or increase in the quantities of produced manufactured products (services) on a selected territory. Hence, the index of industrial production presents trends of changes in industry development and the dynamics of its production in short time intervals.

There are two phases in the calculation of the index of production. In the first one, indices for groups and divisions are calculated on the basis of data on quantities, which are collected through the Monthly Survey on Industry, and on the basis of the weight by products (services).

Laspeyre's formula is used for the calculation. The quantities of products in the current and referent period are multiplied by weights of those products then those multiplication products are divided.

$$IFO_o = \frac{\sum q_1 k_0}{\sum q_0 k_0} * 100$$

$IFO_o$  – index of the physical volume of industrial production for divisions;

$q_1$  – quantity produced in the current period;

$q_0$  – quantity produced in the referent period;

$k_0$  – weights for the product in the referent period.

In the second phase, the index of the physical volume of industrial production for the overall industry, sections, sub-sections and MIGs is calculated on the basis of indices obtained for divisions and on the basis of the weight for divisions, the formula below being used for that purpose:

$$IFO = \frac{\sum I_i W_i}{\sum W_i}$$

$IFO$  – index of the physical volume of industrial production;

$I_i$  – index of the physical volume of industrial production in a division;

$W_i$  – weight for the division from the referent period.

<sup>1)</sup> Methodological explanations of Industrial Production Index could be found on the SORS website <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=69>. Time series of Industrial Production Indices are available on the SORS website, in the database <http://webrzs.stat.gov.rs/WebSite/public/ReportView.aspx>.

### 3. Industrial production indices, by sectors, MIGs and divisions, 2018

AP Vojvodina

	Ø2017=100			II 2018	I-II 2018
	I	II	I-II	II 2017	I-II 2017
<b>Industry total</b>	<b>87.4</b>	<b>86.4</b>	<b>86.9</b>	<b>103.5</b>	<b>106.8</b>
<b>Energy</b>	<b>96.5</b>	<b>74.1</b>	<b>85.4</b>	<b>95.7</b>	<b>103.1</b>
<b>Intermediate goods, except energy</b>	<b>93.0</b>	<b>105.0</b>	<b>99.0</b>	<b>117.4</b>	<b>123.4</b>
<b>Capital goods</b>	<b>89.0</b>	<b>99.3</b>	<b>94.1</b>	<b>113.1</b>	<b>117.3</b>
<b>Durable consumer goods</b>	<b>99.7</b>	<b>104.0</b>	<b>101.8</b>	<b>109.0</b>	<b>123.8</b>
<b>Non-durable consumer goods</b>	<b>78.7</b>	<b>78.6</b>	<b>78.7</b>	<b>96.0</b>	<b>96.4</b>
<b>Mining and quarrying</b>	<b>98.4</b>	<b>86.8</b>	<b>92.5</b>	<b>97.7</b>	<b>99.1</b>
Mining of coal and lignite	101.9	65.2	83.6	71.1	123.7
Extraction of crude petroleum and natural gas	98.8	88.9	93.8	98.1	96.2
Other mining and quarrying	68.6	73.9	71.2	2052.8	1186.7
<b>Manufacturing</b>	<b>86.8</b>	<b>85.9</b>	<b>86.4</b>	<b>103.5</b>	<b>107.5</b>
Manufacture of food products	74.6	71.6	73.1	91.7	92.1
Manufacture of beverages	66.7	72.7	69.7	111.5	116.6
Manufacture of tobacco products	69.6	70.2	69.9	81.9	74.2
Manufacture of textiles	111.1	128.8	120.0	137.0	138.7
Manufacture of wearing apparel	81.2	106.7	93.9	108.1	99.6
Manufacture of leather and related products	108.1	113.7	110.9	127.0	134.9
Manufacture of wood and of products of wood and cork, except furniture	90.1	91.7	90.9	119.4	135.7
Manufacture of paper and paper products	82.5	79.7	81.1	77.9	85.3
Printing and reproduction of recorded media	79.7	91.2	85.5	105.2	107.7
Manufacture of coke and refined petroleum products	95.4	68.9	82.2	93.5	105.7
Manufacture of chemicals and chemical products	129.0	113.7	121.4	107.0	124.9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	92.0	91.4	91.7	98.3	101.0
Manufacture of rubber and plastic products	82.6	100.6	91.6	111.2	108.8
Manufacture of other non-metallic mineral products	57.4	68.7	63.1	118.7	139.6
Manufacture of basic metals	70.0	93.9	82.0	98.0	103.7
Manufacture of fabricated metal products, except machinery and equipment	93.3	144.6	119.0	182.1	171.7
Manufacture of computer, electronic and optical products	112.2	28.2	70.2	44.0	85.9
Manufacture of electrical equipment	80.1	91.9	86.0	97.5	101.8
Manufacture of machinery and equipment n.e.c.	89.0	87.9	88.5	92.9	105.4
Manufacture of motor vehicles, trailers and semi-trailers	124.5	154.7	139.6	169.8	165.2
Manufacture of other transport equipment	86.3	117.1	101.7	110.8	121.1
Manufacture of furniture	104.2	88.2	96.2	83.5	105.6
Other manufacturing	83.0	101.1	92.0	122.2	119.9
Repair and installation of machinery and equipment	115.0	101.7	108.3	105.4	118.0
<b>Electricity, gas, steam and air conditioning supply</b>	<b>123.2</b>	<b>189.8</b>	<b>156.5</b>	<b>140.7</b>	<b>81.8</b>
Electricity, gas, steam and air conditioning supply	123.2	189.8	156.5	140.7	81.8

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