

# STATISTICAL RELEASE

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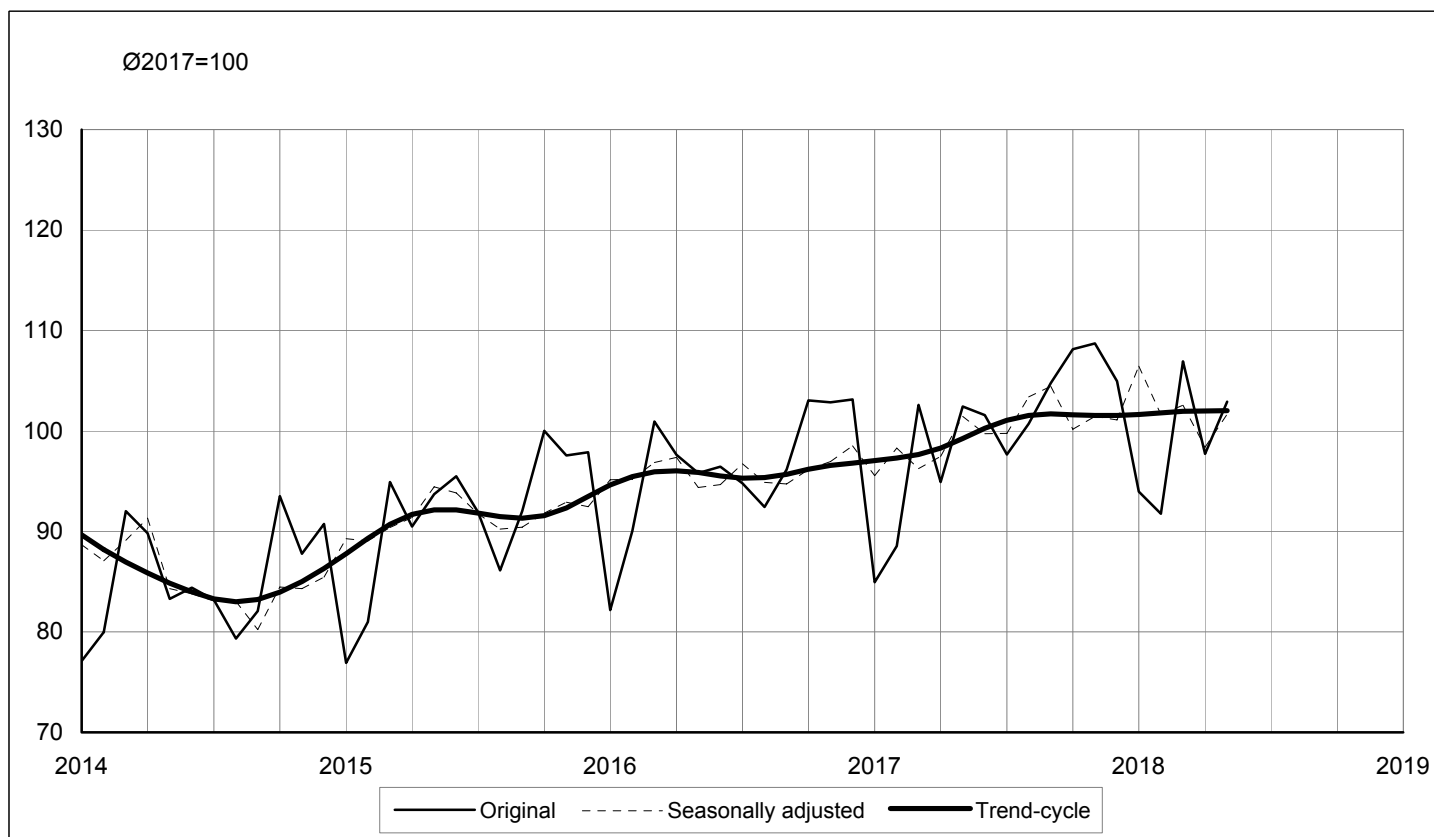
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## Industry statistics

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

Industrial production in the Republic of Serbia, in May 2018 was by 0.5% greater compared to May 2017 and was by 2.9% greater compared to 2017 average. Industrial production for January - May 2018, compared to the same period last year was by 4.1% greater. The manufacturing section increased by 3.4% in the period January-May 2018 compared to the same period in 2017.

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			V 2018	I-V 2018
	IV	V	I-V	V 2017	I-V 2017
<b>Industry total<sup>1)</sup></b>	<b>97.7</b>	<b>102.9</b>	<b>98.6</b>	<b>100.5</b>	<b>104.1</b>
<b>Energy</b>	<b>97.9</b>	<b>92.9</b>	<b>103.0</b>	<b>96.7</b>	<b>105.6</b>
<b>Intermediate goods, except energy</b>	<b>102.1</b>	<b>110.7</b>	<b>100.9</b>	<b>103.8</b>	<b>107.3</b>
<b>Capital goods</b>	<b>96.5</b>	<b>111.3</b>	<b>99.6</b>	<b>106.5</b>	<b>100.4</b>
<b>Durable consumer goods</b>	<b>98.9</b>	<b>106.1</b>	<b>98.1</b>	<b>94.2</b>	<b>105.5</b>
<b>Non-durable consumer goods</b>	<b>93.2</b>	<b>101.7</b>	<b>91.7</b>	<b>98.7</b>	<b>100.3</b>
<b>Mining and quarrying</b>	<b>93.3</b>	<b>85.6</b>	<b>92.8</b>	<b>89.7</b>	<b>99.9</b>
Mining of coal and lignite	90.8	70.7	91.4	78.7	98.3
Extraction of crude petroleum and natural gas	95.5	99.4	96.3	95.8	96.5
Mining of metal ores	92.7	109.2	96.6	108.8	103.6
Other mining and quarrying	111.9	119.7	87.6	104.3	111.0
<b>Manufacturing</b>	<b>96.9</b>	<b>106.7</b>	<b>96.5</b>	<b>101.6</b>	<b>103.4</b>
Manufacture of food products	91.3	98.7	89.0	102.8	99.9
Manufacture of beverages	106.8	118.2	93.2	106.6	105.1
Manufacture of tobacco products	74.0	90.2	85.7	75.3	90.0
Manufacture of textiles	98.0	102.7	102.5	108.8	114.9
Manufacture of wearing apparel	104.7	111.6	107.9	102.1	108.9
Manufacture of leather and related products	99.7	116.8	110.5	113.6	109.7
Manufacture of wood and of products of wood and cork, except furniture	94.6	113.7	93.8	112.1	106.7
Manufacture of paper and paper products	105.2	111.8	103.2	107.5	106.8
Printing and reproduction of recorded media	103.8	97.2	94.8	88.0	98.9
Manufacture of coke and refined petroleum products	89.0	105.0	91.5	100.9	102.5
Manufacture of chemicals and chemical products	101.7	104.6	107.5	93.6	110.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	94.0	101.2	94.8	89.3	98.0
Manufacture of rubber and plastic products	94.3	103.5	98.0	98.3	101.9
Manufacture of other non-metallic mineral products	115.8	128.1	91.5	114.9	108.7
Manufacture of basic metals	110.5	121.9	109.7	116.7	111.4
Manufacture of fabricated metal products, except machinery and equipment	89.3	102.2	97.2	95.9	103.8
Manufacture of computer, electronic and optical products	59.0	95.9	76.7	106.4	82.8
Manufacture of electrical equipment	92.7	106.0	90.9	99.8	99.5
Manufacture of machinery and equipment n.e.c.	102.0	109.8	100.3	109.4	107.7
Manufacture of motor vehicles, trailers and semi-trailers	117.9	124.3	117.7	107.8	101.7
Manufacture of other transport equipment	116.9	127.0	109.4	110.6	102.2
Manufacture of furniture	103.9	103.2	100.8	93.7	110.4
Other manufacturing	94.6	118.4	103.5	116.8	112.0
Repair and installation of machinery and equipment	112.5	119.4	109.6	121.3	118.1
<b>Electricity, gas, steam and air conditioning supply</b>	<b>103.6</b>	<b>93.8</b>	<b>111.2</b>	<b>99.7</b>	<b>109.1</b>
Electricity, gas, steam and air conditioning supply	103.6	93.8	111.2	99.7	109.1

<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 May 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 May 2018/2017 average, for total industrial production stands at 102,5 and for manufacturing 96,2

## 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	95.6	98.3	96.3	97.5	101.4	99.7	99.8	103.4	104.4	100.2	101.5	101.1
2018	106.5	101.6	102.6	98.4	101.7							
<b>Manufacturing</b>												
2017	95.3	97.9	98.9	97.9	100.7	99.4	99.2	102.9	103.1	99.8	101.9	101.5
2018	107.1	102.5	101.6	96.5	102.0							

### 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://www.stat.gov.rs/en-US/istrazivanja/methodology-and-documents/?a=06&s=0>. Time series of Industrial Production Indices are available on the SORS website, in the database <http://data.stat.gov.rs/?caller=0602&languageCode=en-US>.

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

AP Vojvodina

	Ø2017=100			V 2018	I-V 2018
	IV	V	I-V	V 2017	I-V 2017
<b>Industry total</b>	<b>93.2</b>	<b>103.8</b>	<b>94.7</b>	<b>101.0</b>	<b>103.6</b>
<b>Energy</b>	<b>89.1</b>	<b>103.7</b>	<b>92.8</b>	<b>100.9</b>	<b>102.0</b>
<b>Intermediate goods, except energy</b>	<b>101.7</b>	<b>109.2</b>	<b>104.8</b>	<b>100.6</b>	<b>110.4</b>
<b>Capital goods</b>	<b>105.1</b>	<b>123.0</b>	<b>108.7</b>	<b>120.5</b>	<b>118.0</b>
<b>Durable consumer goods</b>	<b>110.9</b>	<b>125.7</b>	<b>114.5</b>	<b>98.2</b>	<b>112.4</b>
<b>Non-durable consumer goods</b>	<b>87.0</b>	<b>95.5</b>	<b>85.9</b>	<b>96.4</b>	<b>96.2</b>
<b>Mining and quarrying</b>	<b>96.0</b>	<b>103.3</b>	<b>97.2</b>	<b>96.6</b>	<b>97.4</b>
Mining of coal and lignite	94.5	127.6	105.4	91.5	100.1
Extraction of crude petroleum and natural gas	95.7	99.6	96.4	96.4	96.3
Other mining and quarrying	114.7	170.9	101.7	120.4	146.1
<b>Manufacturing</b>	<b>93.3</b>	<b>104.1</b>	<b>94.5</b>	<b>101.1</b>	<b>103.7</b>
Manufacture of food products	82.6	88.7	80.8	98.1	94.9
Manufacture of beverages	110.5	123.4	92.9	107.1	101.9
Manufacture of tobacco products	39.9	47.1	59.9	44.1	64.4
Manufacture of textiles	101.5	110.6	108.8	98.8	110.7
Manufacture of wearing apparel	91.0	106.9	99.6	101.4	98.6
Manufacture of leather and related products	112.5	136.0	122.8	125.3	129.0
Manufacture of wood and of products of wood and cork, except furniture	95.3	106.6	99.2	99.8	116.8
Manufacture of paper and paper products	86.2	92.7	86.3	93.6	85.5
Printing and reproduction of recorded media	101.2	96.8	94.4	99.1	99.5
Manufacture of coke and refined petroleum products	89.4	105.6	91.8	101.5	102.9
Manufacture of chemicals and chemical products	93.7	102.3	111.2	89.8	110.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	97.1	106.3	96.2	93.2	99.4
Manufacture of rubber and plastic products	101.7	107.9	101.5	103.0	107.0
Manufacture of other non-metallic mineral products	112.9	128.7	90.4	118.4	107.5
Manufacture of basic metals	96.2	108.1	95.3	93.5	98.0
Manufacture of fabricated metal products, except machinery and equipment	103.5	114.3	121.1	108.9	138.6
Manufacture of computer, electronic and optical products	105.9	96.4	77.1	241.6	63.6
Manufacture of electrical equipment	100.5	99.8	97.4	97.7	100.2
Manufacture of machinery and equipment n.e.c.	102.2	119.0	102.6	115.4	108.1
Manufacture of motor vehicles, trailers and semi-trailers	145.7	153.0	158.7	146.4	166.2
Manufacture of other transport equipment	148.2	167.5	133.2	124.6	123.4
Manufacture of furniture	87.1	121.0	104.6	99.5	109.4
Other manufacturing	91.0	114.8	102.5	112.4	113.9
Repair and installation of machinery and equipment	109.8	117.1	113.9	112.8	118.9
<b>Electricity, gas, steam and air conditioning supply</b>	<b>43.9</b>	<b>45.9</b>	<b>103.2</b>	<b>104.3</b>	<b>99.7</b>
Electricity, gas, steam and air conditioning supply	43.9	45.9	103.2	104.3	99.7

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