

# STATISTICAL RELEASE

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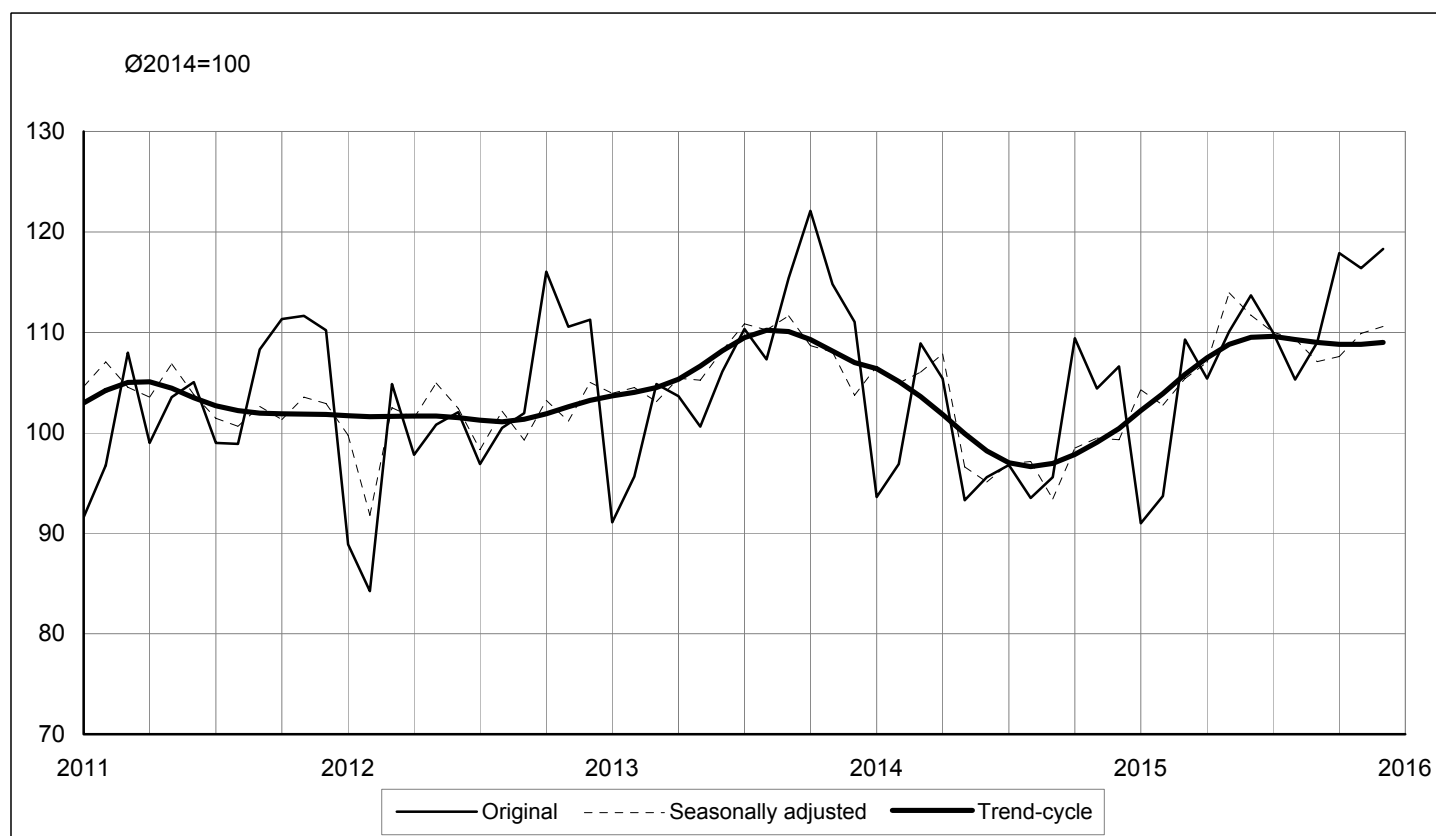
## Industry statistics

### Industrial production indices in the Republic of Serbia, December 2015 - Previous results -

Industrial production in the Republic of Serbia, in December 2015 was by 11.0% greater compared to December 2014 and was by 18.3% greater compared to 2014 average. Industrial production for January - December 2015, compared to the same period last year was by 8.2% greater.

Observed by sections, December 2015, compared to December 2014, in the mining and quarrying section increased by 37.0%, while the production in the manufacturing section increased by 0.6%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 44.5%.

#### Industrial production, 2011 - 2015



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, 2015

Republic of Serbia

	Ø2014=100			XII 2015	I-XII 2015
	XI	XII	I-XII	XII 2014	I-XII 2014
<b>Industry total<sup>1)</sup></b>	<b>116.4</b>	<b>118.3</b>	<b>108.2</b>	<b>111.0</b>	<b>108.2</b>
<b>Energy</b>	<b>130.8</b>	<b>142.6</b>	<b>116.9</b>	<b>137.2</b>	<b>116.9</b>
<b>Intermediate goods, except energy</b>	<b>107.8</b>	<b>104.5</b>	<b>105.3</b>	<b>113.6</b>	<b>105.3</b>
<b>Capital goods</b>	<b>106.0</b>	<b>109.5</b>	<b>103.0</b>	<b>95.3</b>	<b>103.0</b>
<b>Durable consumer goods</b>	<b>119.9</b>	<b>102.9</b>	<b>101.0</b>	<b>108.9</b>	<b>101.0</b>
<b>Non-durable consumer goods</b>	<b>113.4</b>	<b>111.7</b>	<b>105.0</b>	<b>92.4</b>	<b>105.0</b>
<b>Mining and quarrying</b>	<b>121.0</b>	<b>125.5</b>	<b>110.5</b>	<b>137.0</b>	<b>110.5</b>
Mining of coal and lignite	145.5	152.7	125.2	156.8	125.2
Extraction of crude petroleum and natural gas	89.9	92.2	94.2	95.1	94.2
Mining of metal ores	80.6	92.3	87.2	113.7	87.2
Other mining and quarrying	132.8	96.9	111.2	123.4	111.2
<b>Manufacturing</b>	<b>111.6</b>	<b>108.9</b>	<b>105.3</b>	<b>100.6</b>	<b>105.3</b>
Manufacture of food products	118.0	106.0	100.0	85.8	100.0
Manufacture of beverages	91.3	110.3	104.6	97.1	104.6
Manufacture of tobacco products	193.5	197.1	157.7	113.7	157.7
Manufacture of textiles	126.5	77.0	124.6	65.1	124.6
Manufacture of wearing apparel	94.6	93.3	95.6	96.5	95.6
Manufacture of leather and related products	93.2	88.7	83.9	95.5	83.9
Manufacture of wood and of products of wood and cork, except furniture	98.4	96.0	92.8	104.2	92.8
Manufacture of paper and paper products	103.8	103.5	105.9	98.7	105.9
Printing and reproduction of recorded media	112.3	151.0	110.8	111.7	110.8
Manufacture of coke and refined petroleum products	116.8	109.3	107.9	104.8	107.9
Manufacture of chemicals and chemical products	111.1	96.8	104.2	125.1	104.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	105.1	114.1	116.3	104.4	116.3
Manufacture of rubber and plastic products	100.4	102.2	107.3	123.1	107.3
Manufacture of other non-metallic mineral products	114.4	94.7	103.0	125.6	103.0
Manufacture of basic metals	116.6	117.7	120.6	102.3	120.6
Manufacture of fabricated metal products, except machinery and equipment	117.9	123.4	106.8	122.7	106.8
Manufacture of computer, electronic and optical products	96.6	118.8	77.8	71.2	77.8
Manufacture of electrical equipment	117.8	100.1	102.3	123.0	102.3
Manufacture of machinery and equipment n.e.c.	114.9	110.6	119.1	69.6	119.1
Manufacture of motor vehicles, trailers and semi-trailers	80.5	83.9	95.4	93.8	95.4
Manufacture of other transport equipment	92.9	105.0	85.1	107.1	85.1
Manufacture of furniture	129.0	131.7	100.9	108.7	100.9
Other manufacturing	206.4	180.1	144.9	135.5	144.9
Repair and installation of machinery and equipment	114.4	123.3	106.6	130.8	106.6
<b>Electricity, gas, steam and air conditioning supply</b>	<b>133.6</b>	<b>152.3</b>	<b>118.8</b>	<b>144.5</b>	<b>118.8</b>
Electricity, gas, steam and air conditioning supply	133.6	152.3	118.8	144.5	118.8

<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 December 2015. 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 December 2015/2014 average, for total industrial production stands at 118.7 and for manufacturing 109.4.

## 2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2014=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>Industry total</b>												
2014	106.4	105.0	106.1	107.8	96.6	95.0	96.9	97.1	93.5	98.5	99.6	99.4
2015	104.3	102.7	105.4	107.0	113.9	111.7	110.0	109.4	107.1	107.6	109.9	110.6
<b>Manufacturing</b>												
2014	101.9	99.4	101.6	104.8	97.7	98.0	100.2	100.0	94.4	99.3	101.3	102.7
2015	108.1	103.5	106.7	105.6	108.7	106.2	104.8	106.1	103.2	103.9	105.3	103.3

### 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, 2015

AP Vojvodina

	Ø2014=100			XII 2015	I-XII 2015
	XI	XII	I-XII	XII 2014	I-XII 2014
<b>Industry total</b>	<b>113.2</b>	<b>102.8</b>	<b>101.3</b>	<b>90.9</b>	<b>101.3</b>
<b>Energy</b>	<b>112.8</b>	<b>108.0</b>	<b>105.4</b>	<b>102.7</b>	<b>105.4</b>
<b>Intermediate goods, except energy</b>	<b>104.7</b>	<b>97.7</b>	<b>99.9</b>	<b>108.7</b>	<b>99.9</b>
<b>Capital goods</b>	<b>128.2</b>	<b>115.8</b>	<b>113.9</b>	<b>93.4</b>	<b>113.9</b>
<b>Durable consumer goods</b>	<b>85.4</b>	<b>73.2</b>	<b>84.6</b>	<b>89.6</b>	<b>84.6</b>
<b>Non-durable consumer goods</b>	<b>115.5</b>	<b>101.6</b>	<b>98.3</b>	<b>80.2</b>	<b>98.3</b>
<b>Mining and quarrying</b>	<b>93.9</b>	<b>91.4</b>	<b>93.0</b>	<b>94.4</b>	<b>93.0</b>
Mining of coal and lignite	151.4	92.6	97.6	60.2	97.6
Extraction of crude petroleum and natural gas	88.9	91.3	93.0	94.8	93.0
Other mining and quarrying	125.6	91.2	86.7	256.2	86.7
<b>Manufacturing</b>	<b>113.7</b>	<b>102.8</b>	<b>101.6</b>	<b>90.7</b>	<b>101.6</b>
Manufacture of food products	124.9	101.8	96.5	72.7	96.5
Manufacture of beverages	92.0	99.9	101.0	90.7	101.0
Manufacture of tobacco products	192.1	189.6	139.5	98.9	139.5
Manufacture of textiles	113.9	86.4	95.7	97.7	95.7
Manufacture of wearing apparel	97.8	97.9	99.4	116.7	99.4
Manufacture of leather and related products	97.2	75.1	72.7	93.9	72.7
Manufacture of wood and of products of wood and cork, except furniture	107.2	98.3	98.2	98.6	98.2
Manufacture of paper and paper products	76.3	84.8	88.3	96.6	88.3
Printing and reproduction of recorded media	88.6	91.7	83.3	106.0	83.3
Manufacture of coke and refined petroleum products	115.8	109.1	107.8	104.6	107.8
Manufacture of chemicals and chemical products	128.8	114.3	103.4	132.3	103.4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	98.7	103.2	107.3	97.1	107.3
Manufacture of rubber and plastic products	89.5	87.1	99.2	123.7	99.2
Manufacture of other non-metallic mineral products	107.1	81.3	103.6	119.9	103.6
Manufacture of basic metals	83.3	83.9	86.5	82.5	86.5
Manufacture of fabricated metal products, except machinery and equipment	96.1	102.0	91.0	130.9	91.0
Manufacture of computer, electronic and optical products	137.1	119.3	103.1	89.8	103.1
Manufacture of electrical equipment	102.9	94.7	96.5	99.5	96.5
Manufacture of machinery and equipment n.e.c.	130.0	114.2	125.3	67.0	125.3
Manufacture of motor vehicles, trailers and semi-trailers	78.9	67.3	92.3	88.8	92.3
Manufacture of other transport equipment	87.6	84.6	71.4	83.0	71.4
Manufacture of furniture	93.8	85.6	73.1	91.6	73.1
Other manufacturing	209.6	178.2	146.0	138.2	146.0
Repair and installation of machinery and equipment	107.5	105.3	90.0	90.5	90.0
<b>Electricity, gas, steam and air conditioning supply</b>	<b>127.8</b>	<b>207.2</b>	<b>78.1</b>	<b>93.0</b>	<b>78.1</b>
Electricity, gas, steam and air conditioning supply	127.8	207.2	78.1	93.0	78.1

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