

# STATISTICAL RELEASE

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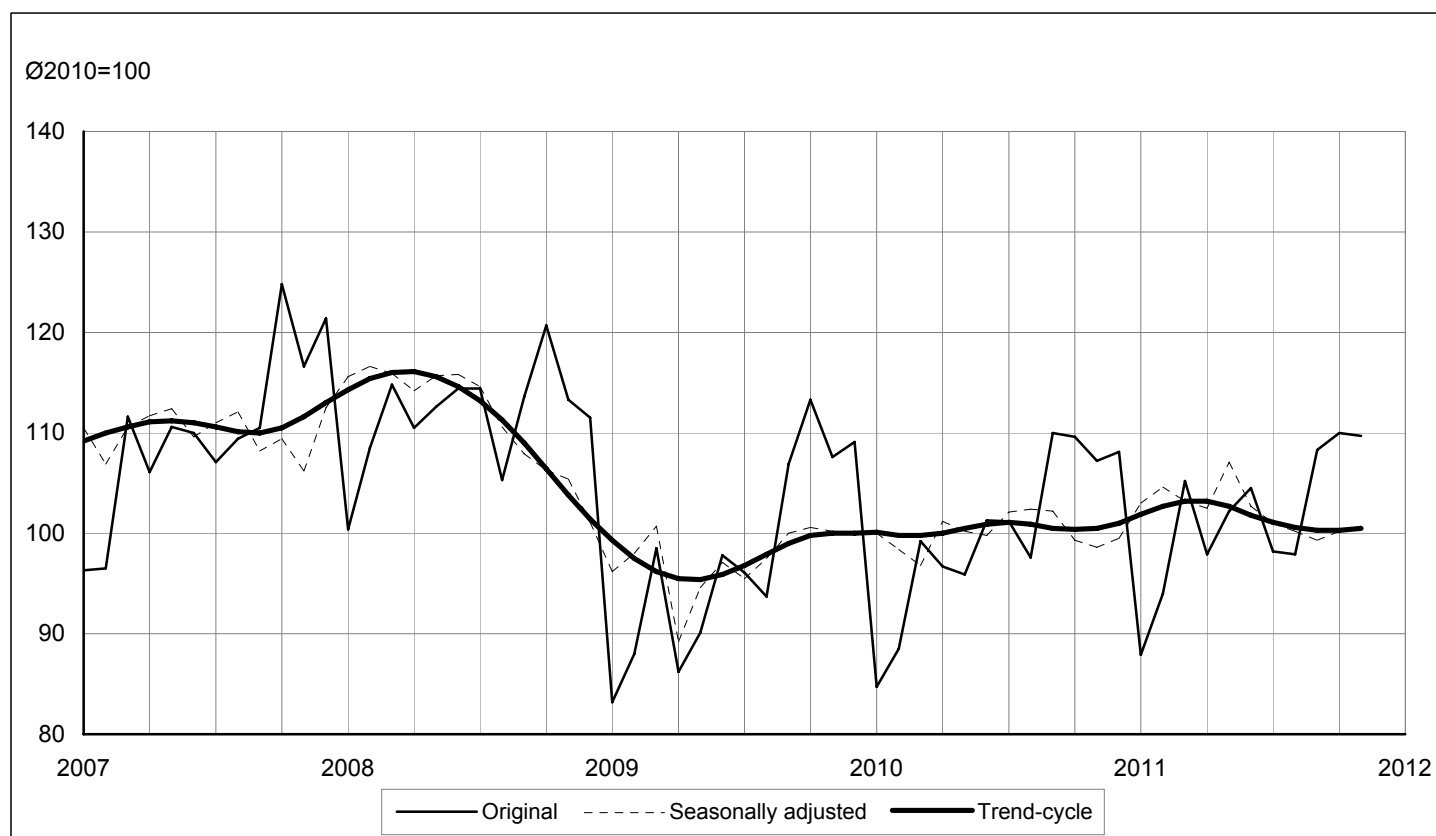
## Industry statistics

### Industrial production indices in the Republic of Serbia, November 2011 - Previous results -

Industrial production in the Republic of Serbia, in November 2011 was by 2,2% greater compared to November 2010 and was by 9,7% greater compared to 2010 average. Industrial production for January - November 2011, compared to the same period last year was by 2,1% greater.

Observed by sections, November 2011, compared to November 2010, in the mining and quarrying section increased by 15,5%, while the production in the manufacturing section saw a 4,7% fall, while the production in the section for electricity, gas, steam and air conditioning supply increased by 30,5%.

#### Industrial production, 2007 - 2011



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

## 1. Industrial production indices, by sections, MIGs and divisions, 2011

Republic of Serbia

	Ø2010=100			XI 2011	I-XI 2011
	X	XI	I-XI	XI 2010	I-XI 2010
<b>Industry total<sup>1)</sup></b>	<b>110,0</b>	<b>109,7</b>	<b>101,3</b>	<b>102,2</b>	<b>102,1</b>
<b>Energy</b>	<b>110,2</b>	<b>119,2</b>	<b>104,6</b>	<b>123,9</b>	<b>105,5</b>
<b>Intermediate goods, except energy</b>	<b>110,1</b>	<b>101,8</b>	<b>104,1</b>	<b>100,1</b>	<b>103,8</b>
<b>Capital goods</b>	<b>109,4</b>	<b>104,6</b>	<b>101,6</b>	<b>94,8</b>	<b>104,0</b>
<b>Durable consumer goods</b>	<b>86,1</b>	<b>91,6</b>	<b>82,5</b>	<b>75,0</b>	<b>83,1</b>
<b>Non-durable consumer goods</b>	<b>112,0</b>	<b>111,8</b>	<b>97,3</b>	<b>93,0</b>	<b>98,8</b>
<b>Mining and quarrying</b>	<b>124,1</b>	<b>119,0</b>	<b>109,4</b>	<b>115,5</b>	<b>109,6</b>
Mining of coal and lignite	121,1	115,8	106,2	117,1	106,5
Extraction of crude petroleum and natural gas	136,5	131,0	124,1	120,1	125,7
Mining of metal ores	128,5	113,9	111,0	117,8	111,1
Other mining and quarrying	120,4	124,0	105,0	100,2	102,3
<b>Manufacturing</b>	<b>108,2</b>	<b>104,7</b>	<b>99,0</b>	<b>95,3</b>	<b>99,7</b>
Manufacture of food products	119,9	113,6	95,6	94,2	96,7
Manufacture of beverages	89,1	88,7	103,3	96,2	104,2
Manufacture of tobacco products	145,9	165,8	91,6	96,5	96,4
Manufacture of textiles	100,0	95,4	87,3	76,7	88,3
Manufacture of wearing apparel	106,8	95,3	105,0	87,4	105,1
Manufacture of leather and related products	88,2	90,0	100,7	79,8	102,5
Manufacture of wood and of products of wood and cork, except furniture	125,5	121,6	111,5	92,0	113,5
Manufacture of paper and paper products	110,5	115,5	111,9	100,7	113,6
Printing and reproduction of recorded media	94,2	113,1	91,9	97,3	92,5
Manufacture of coke and refined petroleum products	83,2	85,4	83,9	102,2	84,2
Manufacture of chemicals and chemical products	112,0	101,2	101,0	105,3	100,6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	105,7	111,0	102,6	91,0	104,8
Manufacture of rubber and plastic products	109,4	105,8	99,3	101,4	99,5
Manufacture of other non-metallic mineral products	126,3	101,2	107,3	93,2	105,1
Manufacture of basic metals	87,7	77,0	98,9	86,4	97,9
Manufacture of fabricated metal products, except machinery and equipment	115,3	114,9	108,0	108,4	108,8
Manufacture of computer, electronic and optical products	117,7	152,2	119,8	126,2	124,0
Manufacture of electrical equipment	115,3	126,4	107,7	104,9	108,5
Manufacture of machinery and equipment n.e.c.	101,4	88,2	111,4	91,4	115,1
Manufacture of motor vehicles, trailers and semi-trailers	100,7	97,8	128,2	95,2	129,4
Manufacture of other transport equipment	150,8	97,1	49,2	91,3	48,1
Manufacture of furniture	79,2	79,6	76,5	61,3	78,9
Other manufacturing	94,8	86,1	91,7	75,5	93,3
Repair and installation of machinery and equipment	75,2	66,3	79,8	71,4	79,3
<b>Electricity, gas, steam and air conditioning supply</b>	<b>112,6</b>	<b>127,6</b>	<b>108,1</b>	<b>130,5</b>	<b>109,3</b>
Electricity, gas, steam and air conditioning supply	112,6	127,6	108,1	130,5	109,3

<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 November 2011. 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 November 2011/2010 average, for total industrial production stands at 109,8 and for manufacturing 104,8.

## 2. Seasonally adjusted industrial production indices

Republic of Serbia		Ø2010=100											
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
		<b>Industry total</b>											
2010		100,0	98,3	96,8	101,2	100,0	99,5	101,9	102,2	102,3	100,2	98,6	99,6
2011		103,1	104,4	103,1	102,2	106,9	102,4	100,6	99,9	99,9	100,2	100,7	
		<b>Manufacturing</b>											
2010		98,6	96,9	96,6	101,1	99,7	100,7	100,5	101,9	102,9	99,8	99,9	100,3
2011		102,8	102,7	100,8	99,5	102,5	101,4	100,7	97,5	97,0	97,3	95,4	

### 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<sub>o</sub> – index of the physical volume of industrial production for divisions;

q<sub>1</sub> – quantity produced in the current period;

q<sub>0</sub> – quantity produced in the referent period;

k<sub>0</sub> – 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<sub>i</sub> – index of the physical volume of industrial production in a division;

W<sub>i</sub> – weight for the division from the referent period.

<sup>1)</sup>The methodology used to calculate the monthly index of industrial production is available on the website of the Statistical Office of the Republic of Serbia [www.stat.gov.rs](http://www.stat.gov.rs)

### 3. Industrial production indices, by sectors, MIGs and divisions, 2011

AP Vojvodina

	Ø2010=100			XI 2011	I-XI 2011
	X	XI	I-XI	XI 2010	I-XI 2010
<b>Industry total</b>	<b>116,1</b>	<b>114,7</b>	<b>99,4</b>	<b>98,0</b>	<b>100,6</b>
<b>Energy</b>	<b>91,4</b>	<b>114,8</b>	<b>93,5</b>	<b>130,0</b>	<b>94,6</b>
<b>Intermediate goods, except energy</b>	<b>114,5</b>	<b>102,8</b>	<b>100,0</b>	<b>100,3</b>	<b>100,0</b>
<b>Capital goods</b>	<b>113,9</b>	<b>115,4</b>	<b>127,7</b>	<b>100,2</b>	<b>129,8</b>
<b>Durable consumer goods</b>	<b>74,1</b>	<b>99,6</b>	<b>71,6</b>	<b>87,0</b>	<b>71,5</b>
<b>Non-durable consumer goods</b>	<b>126,0</b>	<b>122,4</b>	<b>99,4</b>	<b>90,8</b>	<b>101,2</b>
<b>Mining and quarrying</b>	<b>136,0</b>	<b>128,6</b>	<b>119,5</b>	<b>118,4</b>	<b>120,5</b>
Mining of coal and lignite	163,2	160,4	76,5	165,4	71,4
Extraction of crude petroleum and natural gas	136,7	130,9	124,1	120,0	125,6
Other mining and quarrying	112,7	82,4	87,8	76,5	87,3
<b>Manufacturing</b>	<b>116,0</b>	<b>111,2</b>	<b>98,4</b>	<b>94,7</b>	<b>99,4</b>
Manufacture of food products	137,3	127,5	95,2	93,7	96,7
Manufacture of beverages	87,4	86,2	105,7	93,3	104,9
Manufacture of tobacco products	141,6	147,1	89,1	78,0	97,5
Manufacture of textiles	86,7	85,3	76,6	73,5	77,9
Manufacture of wearing apparel	101,1	85,4	110,2	87,6	109,9
Manufacture of leather and related products	82,6	87,3	100,4	66,0	99,8
Manufacture of wood and of products of wood and cork, except furniture	131,8	129,7	140,5	83,8	140,6
Manufacture of paper and paper products	121,4	132,2	145,2	101,7	153,0
Printing and reproduction of recorded media	128,3	138,1	130,4	79,0	130,0
Manufacture of coke and refined petroleum products	82,0	84,9	83,7	103,4	84,0
Manufacture of chemicals and chemical products	112,2	101,9	95,9	105,9	96,3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	116,2	122,4	108,9	98,4	111,6
Manufacture of rubber and plastic products	85,1	86,0	83,1	80,1	83,4
Manufacture of other non-metallic mineral products	134,1	92,3	103,9	87,7	101,7
Manufacture of basic metals	101,2	93,2	101,1	83,4	100,7
Manufacture of fabricated metal products, except machinery and equipment	119,1	118,4	105,3	118,8	105,4
Manufacture of computer, electronic and optical products	69,4	96,4	70,0	102,9	68,8
Manufacture of electrical equipment	104,1	120,5	87,4	93,8	89,8
Manufacture of machinery and equipment n.e.c.	104,6	48,9	147,5	47,3	149,0
Manufacture of motor vehicles, trailers and semi-trailers	107,7	126,0	125,7	102,5	126,3
Manufacture of other transport equipment	112,0	97,7	78,7	174,2	76,1
Manufacture of furniture	76,0	109,1	66,8	86,9	67,5
Other manufacturing	95,0	42,8	81,5	41,6	82,3
Repair and installation of machinery and equipment	87,4	91,6	81,8	80,5	82,2
<b>Electricity, gas, steam and air conditioning supply</b>	<b>27,6</b>	<b>583,2</b>	<b>130,3</b>	<b>589,7</b>	<b>161,3</b>
Electricity, gas, steam and air conditioning supply	27,6	583,2	130,3	589,7	161,3

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