

# STATISTICAL RELEASE

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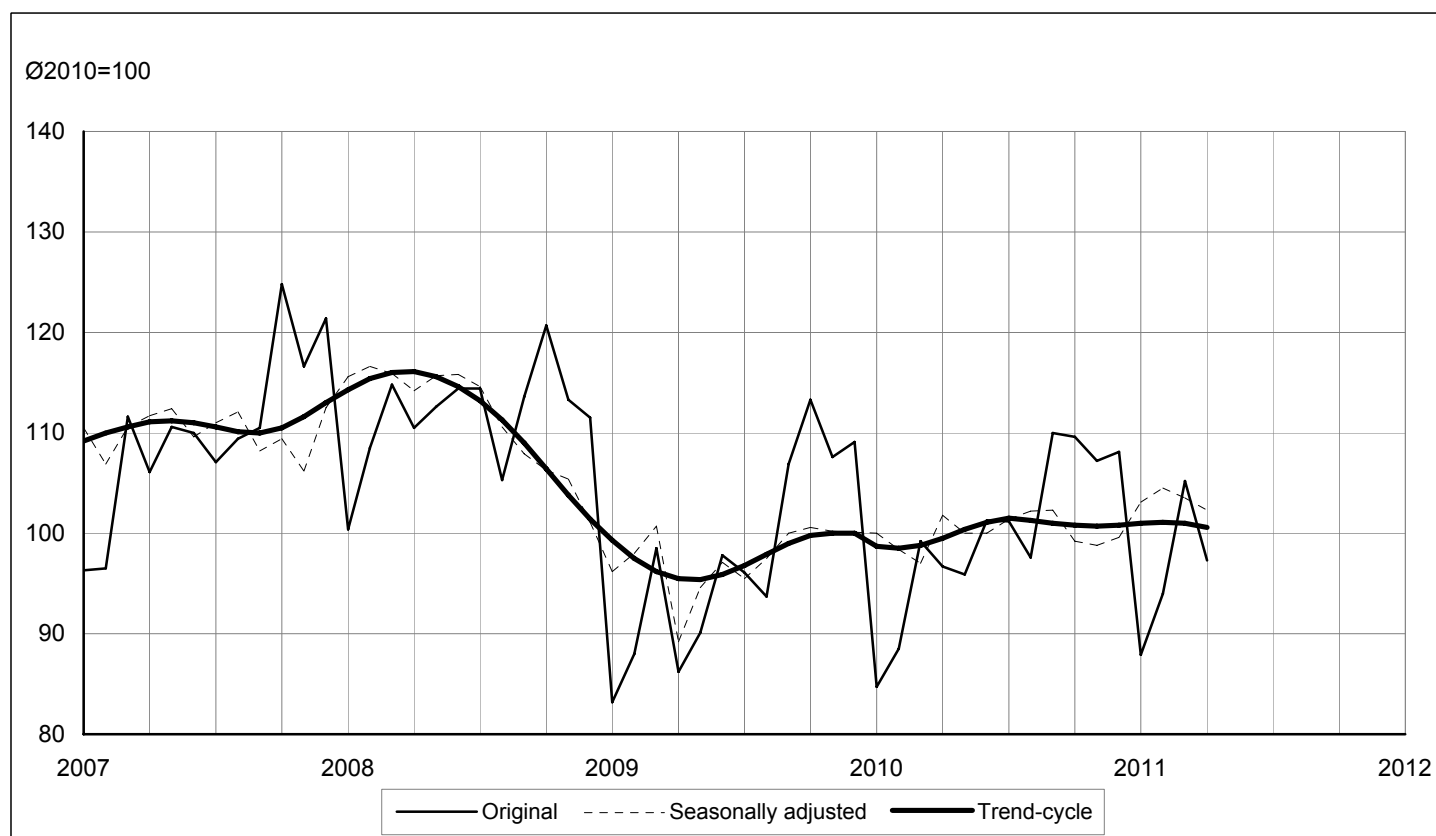
## Industry statistics

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

Industrial production in the Republic of Serbia, in April 2011 was by 0,7% greater compared to April 2010 and was by 2,7% lower compared to 2010 average. Industrial production for January - April 2011, compared to the same period last year was by 4,5% greater.

Observed by sections, April 2011, compared to April 2010, in the mining and quarrying section increased by 6,6%, while the production in the manufacturing section saw a 1,4% fall, while the production in the section for electricity, gas, steam and air conditioning supply increased by 7,2%.

#### 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			IV 2011	I-IV 2011
	III	IV	I-IV	IV 2010	I-IV 2010
<b>Industry total<sup>1)</sup></b>	<b>105,2</b>	<b>97,3</b>	<b>96,1</b>	<b>100,7</b>	<b>104,5</b>
<b>Energy</b>	<b>110,6</b>	<b>101,0</b>	<b>109,9</b>	<b>102,1</b>	<b>103,3</b>
<b>Intermediate goods, except energy</b>	<b>110,4</b>	<b>106,1</b>	<b>97,1</b>	<b>107,1</b>	<b>112,1</b>
<b>Capital goods</b>	<b>126,2</b>	<b>98,3</b>	<b>107,4</b>	<b>91,4</b>	<b>120,1</b>
<b>Durable consumer goods</b>	<b>89,0</b>	<b>70,9</b>	<b>67,2</b>	<b>89,0</b>	<b>87,6</b>
<b>Non-durable consumer goods</b>	<b>93,5</b>	<b>87,5</b>	<b>84,1</b>	<b>95,2</b>	<b>97,1</b>
<b>Mining and quarrying</b>	<b>118,2</b>	<b>108,5</b>	<b>106,7</b>	<b>106,6</b>	<b>107,3</b>
Mining of coal and lignite	122,9	108,0	109,0	102,5	100,0
Extraction of crude petroleum and natural gas	122,8	119,8	118,7	124,1	133,2
Mining of metal ores	115,6	95,8	112,5	102,8	127,7
Other mining and quarrying	80,8	101,2	66,7	109,8	109,9
<b>Manufacturing</b>	<b>99,3</b>	<b>94,8</b>	<b>90,1</b>	<b>98,6</b>	<b>103,3</b>
Manufacture of food products	96,3	88,8	84,7	94,2	97,6
Manufacture of beverages	91,1	108,4	83,2	99,8	102,1
Manufacture of tobacco products	59,3	46,1	50,2	52,6	76,9
Manufacture of textiles	92,9	69,3	78,7	81,5	92,4
Manufacture of wearing apparel	136,2	118,2	113,0	111,2	108,8
Manufacture of leather and related products	114,2	84,5	101,6	107,1	111,8
Manufacture of wood and of products of wood and cork, except furniture	92,8	101,7	92,3	73,7	107,3
Manufacture of paper and paper products	110,5	109,8	103,7	112,6	115,7
Printing and reproduction of recorded media	85,1	86,4	81,5	101,8	95,7
Manufacture of coke and refined petroleum products	35,2	78,9	78,1	77,1	81,0
Manufacture of chemicals and chemical products	109,0	104,4	95,6	100,2	104,8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	94,3	79,6	88,7	96,0	90,4
Manufacture of rubber and plastic products	103,3	91,1	88,8	95,9	103,6
Manufacture of other non-metallic mineral products	84,9	117,3	77,2	107,6	122,2
Manufacture of basic metals	134,6	116,4	119,0	134,7	125,5
Manufacture of fabricated metal products, except machinery and equipment	113,5	105,6	95,0	105,9	113,2
Manufacture of computer, electronic and optical products	148,7	64,6	142,1	69,2	125,6
Manufacture of electrical equipment	91,7	93,5	85,4	110,5	107,0
Manufacture of machinery and equipment n.e.c.	130,3	130,5	113,4	150,3	143,2
Manufacture of motor vehicles, trailers and semi-trailers	232,2	110,3	170,3	109,6	164,4
Manufacture of other transport equipment	50,3	30,7	36,6	18,1	37,2
Manufacture of furniture	86,7	60,6	61,3	76,0	80,7
Other manufacturing	93,7	92,4	86,1	60,5	82,0
Repair and installation of machinery and equipment	84,8	73,7	79,0	72,5	81,5
<b>Electricity, gas, steam and air conditioning supply</b>	<b>125,3</b>	<b>103,6</b>	<b>117,4</b>	<b>107,2</b>	<b>107,4</b>
Electricity, gas, steam and air conditioning supply	125,3	103,6	117,4	107,2	107,4

<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 April 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 April 2011/2010 average, for total industrial production stands at 98,1 and for manufacturing 96,0

## 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	98,4	97,0	101,8	100,0	100,0	101,4	102,2	102,3	99,2	98,7	99,6
2011		103,1	104,5	103,5	102,3								
		<b>Manufacturing</b>											
2010		98,4	96,9	96,2	101,6	100,0	101,3	100,8	102,2	103,0	98,9	99,5	100,1
2011		102,5	102,6	100,7	99,2								

### 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>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			IV 2011	I-IV 2011
	III	IV	I-IV	IV 2010	I-IV 2010
<b>Industry total</b>	<b>89,8</b>	<b>90,5</b>	<b>88,0</b>	<b>96,6</b>	<b>100,5</b>
<b>Energy</b>	<b>51,6</b>	<b>84,9</b>	<b>89,9</b>	<b>87,0</b>	<b>93,5</b>
<b>Intermediate goods, except energy</b>	<b>100,5</b>	<b>96,6</b>	<b>89,0</b>	<b>91,5</b>	<b>100,0</b>
<b>Capital goods</b>	<b>152,9</b>	<b>142,1</b>	<b>133,3</b>	<b>139,7</b>	<b>145,2</b>
<b>Durable consumer goods</b>	<b>93,9</b>	<b>84,5</b>	<b>61,4</b>	<b>69,5</b>	<b>74,6</b>
<b>Non-durable consumer goods</b>	<b>90,2</b>	<b>84,7</b>	<b>84,1</b>	<b>100,7</b>	<b>100,5</b>
<b>Mining and quarrying</b>	<b>115,7</b>	<b>112,1</b>	<b>112,0</b>	<b>117,0</b>	<b>127,1</b>
Mining of coal and lignite	8,7	29,8	51,4	19,5	41,4
Extraction of crude petroleum and natural gas	122,7	119,8	118,5	124,0	133,0
Other mining and quarrying	89,5	64,4	66,6	119,0	119,6
<b>Manufacturing</b>	<b>88,9</b>	<b>90,0</b>	<b>86,5</b>	<b>95,5</b>	<b>99,0</b>
Manufacture of food products	91,0	82,5	81,6	94,8	99,1
Manufacture of beverages	92,0	120,0	89,4	103,9	105,1
Manufacture of tobacco products	32,5	45,9	44,7	61,0	84,7
Manufacture of textiles	58,6	60,9	66,7	72,1	80,6
Manufacture of wearing apparel	164,1	144,9	124,2	117,7	109,5
Manufacture of leather and related products	105,9	80,4	97,2	115,9	115,7
Manufacture of wood and of products of wood and cork, except furniture	156,4	169,0	117,5	201,0	156,7
Manufacture of paper and paper products	126,6	151,6	138,0	157,8	159,5
Printing and reproduction of recorded media	125,3	140,6	122,8	206,8	195,2
Manufacture of coke and refined petroleum products	31,5	78,4	77,2	76,9	80,2
Manufacture of chemicals and chemical products	101,3	97,4	97,0	90,9	98,8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	93,5	76,7	90,2	105,9	92,4
Manufacture of rubber and plastic products	85,5	78,4	72,1	93,1	90,4
Manufacture of other non-metallic mineral products	81,1	102,7	71,2	92,3	109,0
Manufacture of basic metals	124,7	116,8	105,4	114,5	113,6
Manufacture of fabricated metal products, except machinery and equipment	116,0	92,8	90,5	84,6	99,0
Manufacture of computer, electronic and optical products	72,2	53,8	78,8	96,1	86,0
Manufacture of electrical equipment	54,3	63,1	66,1	62,2	76,1
Manufacture of machinery and equipment n.e.c.	208,8	194,3	177,0	195,1	194,9
Manufacture of motor vehicles, trailers and semi-trailers	153,2	141,7	134,3	144,2	143,5
Manufacture of other transport equipment	79,7	70,8	61,8	53,1	48,8
Manufacture of furniture	81,3	69,8	54,5	63,4	72,4
Other manufacturing	83,8	74,2	69,0	25,7	56,1
Repair and installation of machinery and equipment	100,0	76,8	75,3	75,7	73,4
<b>Electricity, gas, steam and air conditioning supply</b>	<b>86,3</b>	<b>46,9</b>	<b>193,4</b>	<b>498,9</b>	<b>157,6</b>
Electricity, gas, steam and air conditioning supply	86,3	46,9	193,4	498,9	157,6

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