

# STATISTICAL RELEASE

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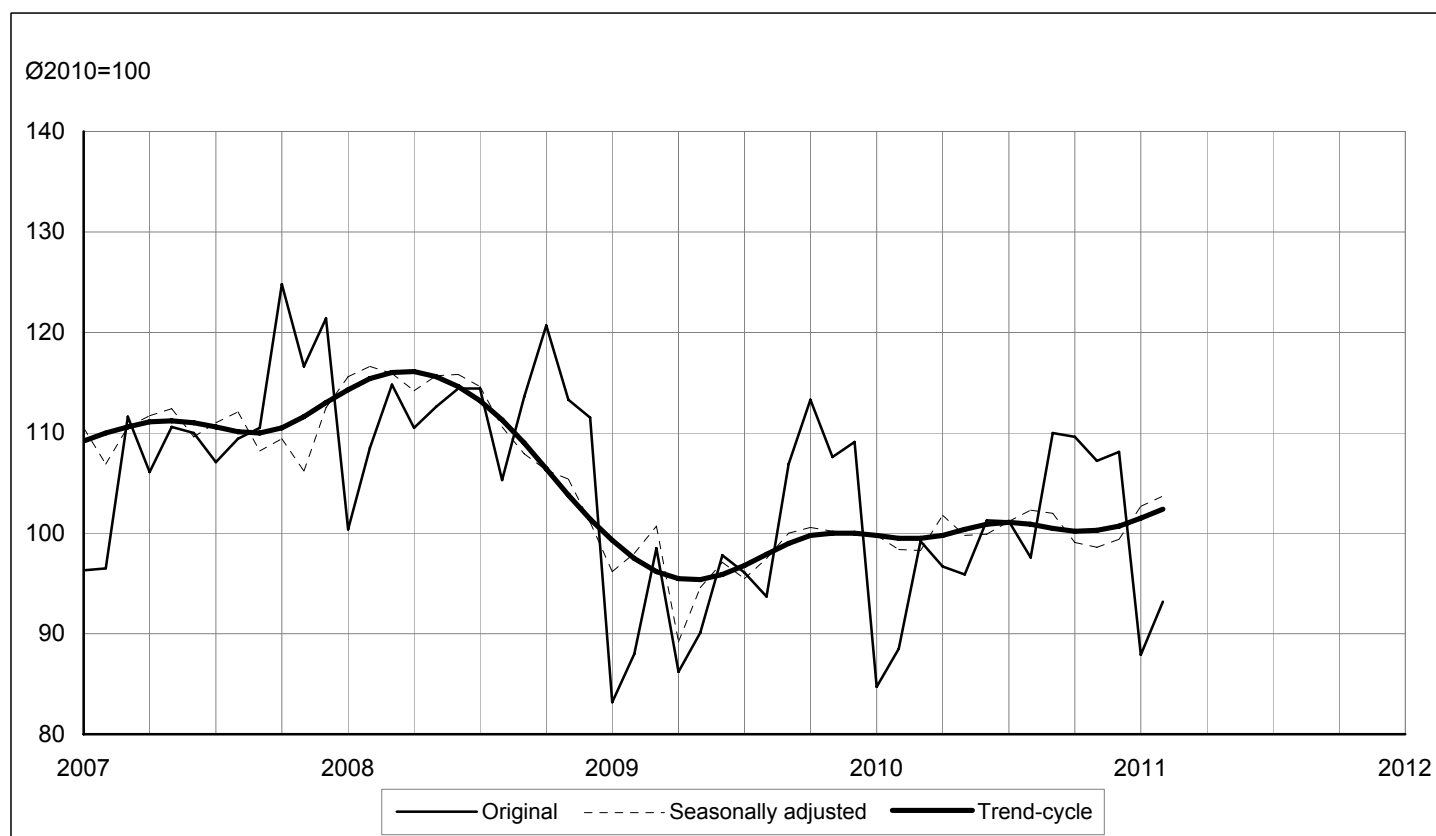
## Industry statistics

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

Industrial production in the Republic of Serbia, in February 2011 was by 5,8% greater compared to February 2010 and was by 6,8% lower compared to 2010 average. Industrial production for January - February 2011, compared to the same period last year was by 4,9% greater.

Observed by sections, February 2011, compared to February 2010, in the mining and quarrying section increased by 10,3%, while the production in the manufacturing section increased by 5,1%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 6,4%.

#### 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			II 2011	I-II 2011
	I	II	I-II	II 2010	I-II 2010
<b>Industry total<sup>1)</sup></b>	<b>87,9</b>	<b>93,2</b>	<b>90,5</b>	<b>105,8</b>	<b>104,9</b>
<b>Energy</b>	<b>115,9</b>	<b>112,2</b>	<b>114,1</b>	<b>106,5</b>	<b>103,7</b>
<b>Intermediate goods, except energy</b>	<b>79,9</b>	<b>91,2</b>	<b>85,6</b>	<b>113,0</b>	<b>110,2</b>
<b>Capital goods</b>	<b>86,1</b>	<b>118,3</b>	<b>102,2</b>	<b>143,7</b>	<b>137,2</b>
<b>Durable consumer goods</b>	<b>51,7</b>	<b>57,2</b>	<b>54,5</b>	<b>79,1</b>	<b>82,3</b>
<b>Non-durable consumer goods</b>	<b>75,2</b>	<b>78,1</b>	<b>76,7</b>	<b>94,0</b>	<b>98,1</b>
<b>Mining and quarrying</b>	<b>98,5</b>	<b>101,4</b>	<b>100,0</b>	<b>110,3</b>	<b>102,6</b>
Mining of coal and lignite	100,1	105,0	102,6	102,3	92,7
Extraction of crude petroleum and natural gas	121,2	110,5	115,9	135,6	137,8
Mining of metal ores	123,9	114,8	119,4	136,0	139,6
Other mining and quarrying	31,5	53,0	42,3	121,0	105,2
<b>Manufacturing</b>	<b>78,7</b>	<b>86,6</b>	<b>82,7</b>	<b>105,1</b>	<b>105,6</b>
Manufacture of food products	77,6	76,3	77,0	96,6	100,1
Manufacture of beverages	70,9	62,2	66,5	100,2	101,2
Manufacture of tobacco products	51,1	44,2	47,6	92,1	105,1
Manufacture of textiles	67,0	85,8	76,4	99,7	104,5
Manufacture of wearing apparel	93,2	104,4	98,8	108,9	107,7
Manufacture of leather and related products	89,8	114,0	101,9	119,9	114,0
Manufacture of wood and of products of wood and cork, except furniture	75,6	88,1	81,9	119,7	112,7
Manufacture of paper and paper products	91,0	103,5	97,3	122,8	122,5
Printing and reproduction of recorded media	55,1	73,8	64,5	104,4	80,2
Manufacture of coke and refined petroleum products	103,0	95,2	99,1	104,6	107,8
Manufacture of chemicals and chemical products	81,3	87,8	84,6	109,6	105,0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	81,6	99,3	90,4	76,4	91,1
Manufacture of rubber and plastic products	74,1	92,5	83,3	116,2	107,2
Manufacture of other non-metallic mineral products	49,1	57,3	53,2	139,4	144,2
Manufacture of basic metals	102,3	122,4	112,3	115,4	111,0
Manufacture of fabricated metal products, except machinery and equipment	67,3	86,5	76,9	108,0	105,5
Manufacture of computer, electronic and optical products	104,3	250,5	177,4	190,1	169,1
Manufacture of electrical equipment	84,1	73,2	78,7	103,5	111,9
Manufacture of machinery and equipment n.e.c.	82,3	108,2	95,2	142,6	139,6
Manufacture of motor vehicles, trailers and semi-trailers	160,0	178,5	169,3	176,6	180,7
Manufacture of other transport equipment	20,7	44,3	32,5	68,8	48,3
Manufacture of furniture	45,9	51,9	48,9	70,3	74,9
Other manufacturing	65,9	93,7	79,8	105,3	105,8
Repair and installation of machinery and equipment	77,7	82,7	80,2	95,7	91,4
<b>Electricity, gas, steam and air conditioning supply</b>	<b>122,6</b>	<b>118,2</b>	<b>120,4</b>	<b>106,4</b>	<b>104,0</b>
Electricity, gas, steam and air conditioning supply	122,6	118,2	120,4	106,4	104,0

<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 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 February 2011/2010 average, for total industrial production stands at 93,3 and for manufacturing 86,7.

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

### 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<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			II 2011	I-II 2011
	I	II	I-II	II 2010	I-II 2010
<b>Industry total</b>	<b>84,3</b>	<b>86,3</b>	<b>85,3</b>	<b>101,3</b>	<b>106,0</b>
<b>Energy</b>	<b>117,5</b>	<b>105,3</b>	<b>111,4</b>	<b>113,3</b>	<b>117,6</b>
<b>Intermediate goods, except energy</b>	<b>76,0</b>	<b>81,8</b>	<b>78,9</b>	<b>105,4</b>	<b>102,9</b>
<b>Capital goods</b>	<b>101,5</b>	<b>134,0</b>	<b>117,8</b>	<b>164,6</b>	<b>150,8</b>
<b>Durable consumer goods</b>	<b>38,0</b>	<b>29,1</b>	<b>33,6</b>	<b>41,3</b>	<b>51,6</b>
<b>Non-durable consumer goods</b>	<b>78,6</b>	<b>80,6</b>	<b>79,6</b>	<b>91,8</b>	<b>100,9</b>
<b>Mining and quarrying</b>	<b>112,4</b>	<b>107,6</b>	<b>110,0</b>	<b>133,3</b>	<b>135,0</b>
Mining of coal and lignite	84,4	82,8	83,6	73,2	89,1
Extraction of crude petroleum and natural gas	121,2	110,0	115,6	135,0	137,6
Other mining and quarrying	19,7	92,7	56,2	177,6	129,8
<b>Manufacturing</b>	<b>81,6</b>	<b>84,3</b>	<b>82,9</b>	<b>99,4</b>	<b>103,9</b>
Manufacture of food products	77,5	75,4	76,5	98,0	102,5
Manufacture of beverages	85,6	60,1	72,9	87,7	97,6
Manufacture of tobacco products	62,3	38,1	50,2	122,1	129,7
Manufacture of textiles	73,2	74,3	73,7	89,4	99,7
Manufacture of wearing apparel	81,3	106,5	93,9	101,8	97,0
Manufacture of leather and related products	88,5	105,4	97,0	106,0	109,9
Manufacture of wood and of products of wood and cork, except furniture	56,7	88,0	72,3	131,3	111,7
Manufacture of paper and paper products	116,5	157,3	136,9	200,6	172,6
Printing and reproduction of recorded media	64,8	88,1	76,4	153,2	141,0
Manufacture of coke and refined petroleum products	104,1	94,7	99,4	103,6	107,9
Manufacture of chemicals and chemical products	97,5	91,9	94,7	104,8	101,2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	83,8	106,6	95,2	77,5	93,6
Manufacture of rubber and plastic products	53,7	70,0	61,8	94,5	86,6
Manufacture of other non-metallic mineral products	43,5	57,4	50,5	138,3	136,5
Manufacture of basic metals	73,4	102,2	87,8	116,4	117,4
Manufacture of fabricated metal products, except machinery and equipment	66,9	85,5	76,2	93,8	91,7
Manufacture of computer, electronic and optical products	87,9	86,9	87,4	98,6	105,2
Manufacture of electrical equipment	95,8	55,1	75,4	86,8	112,9
Manufacture of machinery and equipment n.e.c.	125,1	177,0	151,1	210,2	191,0
Manufacture of motor vehicles, trailers and semi-trailers	100,7	141,7	121,2	191,5	155,8
Manufacture of other transport equipment	22,4	77,1	49,8	68,2	45,0
Manufacture of furniture	44,2	22,6	33,4	32,8	52,4
Other manufacturing	37,9	86,1	62,0	210,0	126,8
Repair and installation of machinery and equipment	63,3	61,0	62,1	65,2	66,3
<b>Electricity, gas, steam and air conditioning supply</b>	<b>355,8</b>	<b>284,6</b>	<b>320,2</b>	<b>164,7</b>	<b>162,8</b>
Electricity, gas, steam and air conditioning supply	355,8	284,6	320,2	164,7	162,8

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