

# STATISTICAL RELEASE

# IN10

Number 177 - Year LXII, 29.06.2012.

SERB177 IN10 290612

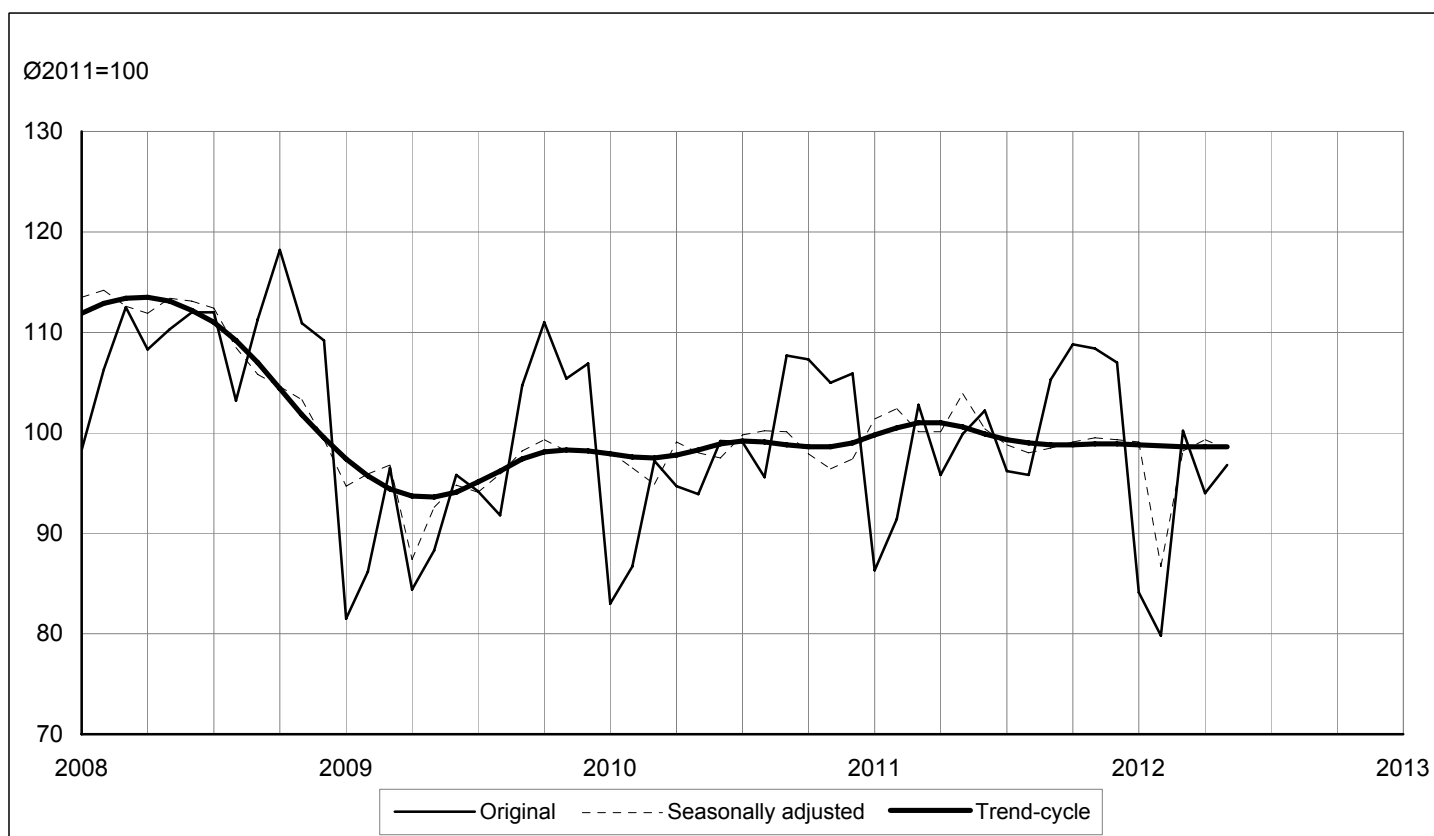
## Industry statistics

### Industrial production indices in the Republic of Serbia, May 2012 - Previous results -

Industrial production in the Republic of Serbia, in May 2012 was by 3,1% lower compared to May 2011 and was by 3,2% lower compared to 2011 average. Industrial production for January - May 2012, compared to the same period last year was by 4,3% lower.

Observed by sections, May 2012, compared to May 2011, in the mining and quarrying section saw a 14,4% fall, while the production in the manufacturing section increased by 1,4%, while the production in the section for electricity, gas, steam and air conditioning supply saw a 17,4% fall.

#### Industrial production, 2008 - 2012



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, 2012

Republic of Serbia

	Ø2011=100			V 2012	I-V 2012
	IV	V	I-V	V 2011	I-V 2011
<b>Industry total<sup>1)</sup></b>	<b>94,0</b>	<b>96,8</b>	<b>91,2</b>	<b>96,9</b>	<b>95,7</b>
<b>Energy</b>	<b>88,4</b>	<b>80,1</b>	<b>94,8</b>	<b>84,2</b>	<b>93,1</b>
<b>Intermediate goods, except energy</b>	<b>97,2</b>	<b>104,1</b>	<b>88,6</b>	<b>98,9</b>	<b>92,7</b>
<b>Capital goods</b>	<b>89,8</b>	<b>93,0</b>	<b>95,0</b>	<b>91,3</b>	<b>92,4</b>
<b>Durable consumer goods</b>	<b>97,9</b>	<b>107,3</b>	<b>86,6</b>	<b>112,8</b>	<b>102,7</b>
<b>Non-durable consumer goods</b>	<b>95,9</b>	<b>104,8</b>	<b>89,7</b>	<b>106,3</b>	<b>101,7</b>
<b>Mining and quarrying</b>	<b>98,7</b>	<b>76,3</b>	<b>93,0</b>	<b>85,6</b>	<b>97,5</b>
Mining of coal and lignite	92,0	56,0	89,5	68,5	91,8
Extraction of crude petroleum and natural gas	102,0	110,1	106,6	110,1	111,4
Mining of metal ores	126,5	122,4	114,6	128,6	116,3
Other mining and quarrying	121,8	130,7	76,1	109,4	99,9
<b>Manufacturing</b>	<b>96,3</b>	<b>104,1</b>	<b>89,6</b>	<b>101,4</b>	<b>96,4</b>
Manufacture of food products	96,1	103,5	91,4	105,8	102,0
Manufacture of beverages	111,9	117,7	88,3	98,4	98,3
Manufacture of tobacco products	63,7	114,0	63,4	134,0	104,4
Manufacture of textiles	87,8	106,2	90,8	119,5	101,6
Manufacture of wearing apparel	104,6	114,9	111,1	115,2	105,2
Manufacture of leather and related products	70,7	90,3	83,8	87,9	82,4
Manufacture of wood and of products of wood and cork, except furniture	121,7	121,6	106,1	108,9	122,2
Manufacture of paper and paper products	105,4	110,6	99,7	107,1	105,6
Printing and reproduction of recorded media	121,2	121,7	96,3	125,1	109,3
Manufacture of coke and refined petroleum products	105,5	116,1	89,3	97,4	92,3
Manufacture of chemicals and chemical products	81,9	108,5	86,3	96,8	88,0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	86,3	90,7	86,0	98,9	98,6
Manufacture of rubber and plastic products	111,9	122,2	107,0	122,0	116,4
Manufacture of other non-metallic mineral products	104,4	113,9	76,6	97,6	94,0
Manufacture of basic metals	74,8	67,9	65,8	65,5	55,2
Manufacture of fabricated metal products, except machinery and equipment	105,7	114,9	98,1	105,8	107,9
Manufacture of computer, electronic and optical products	47,0	64,6	114,1	88,3	107,5
Manufacture of electrical equipment	96,7	96,3	92,1	120,1	116,1
Manufacture of machinery and equipment n.e.c.	108,6	115,0	89,2	94,4	82,7
Manufacture of motor vehicles, trailers and semi-trailers	93,4	79,8	78,9	81,8	62,0
Manufacture of other transport equipment	70,7	61,3	135,6	79,2	194,3
Manufacture of furniture	95,0	103,3	85,2	107,7	103,1
Other manufacturing	91,2	114,9	104,0	119,9	107,5
Repair and installation of machinery and equipment	83,0	78,6	78,6	71,8	77,4
<b>Electricity, gas, steam and air conditioning supply</b>	<b>83,4</b>	<b>77,0</b>	<b>96,5</b>	<b>82,6</b>	<b>92,5</b>
Electricity, gas, steam and air conditioning supply	83,4	77,0	96,5	82,6	92,5

<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 2012. 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 2012/2011 average, for total industrial production stands at 96,7 and for manufacturing 103,9.

## 2. Seasonally adjusted industrial production indices

Republic of Serbia		Ø2011=100											
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
		<b>Industry total</b>											
2011		101,4	102,4	100,1	100,1	103,9	100,4	98,8	98,0	98,5	99,1	99,5	99,3
2012		99,1	86,7	98,2	99,3	98,4							
		<b>Manufacturing</b>											
2011		104,4	103,3	100,4	99,7	102,0	101,4	101,1	98,1	98,3	98,8	97,0	97,5
2012		97,4	85,2	101,4	102,1	100,7							

### 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, 2012

AP Vojvodina

	Ø2011=100			V 2012	I-V 2012
	IV	V	I-V	V 2011	I-V 2011
<b>Industry total</b>	<b>93,4</b>	<b>105,1</b>	<b>90,3</b>	<b>103,2</b>	<b>100,2</b>
<b>Energy</b>	<b>98,2</b>	<b>107,9</b>	<b>95,3</b>	<b>100,3</b>	<b>99,1</b>
<b>Intermediate goods, except energy</b>	<b>89,1</b>	<b>110,3</b>	<b>89,5</b>	<b>103,2</b>	<b>100,2</b>
<b>Capital goods</b>	<b>113,6</b>	<b>111,3</b>	<b>97,8</b>	<b>91,0</b>	<b>89,6</b>
<b>Durable consumer goods</b>	<b>102,8</b>	<b>125,3</b>	<b>90,1</b>	<b>96,8</b>	<b>94,1</b>
<b>Non-durable consumer goods</b>	<b>88,5</b>	<b>97,7</b>	<b>86,4</b>	<b>101,5</b>	<b>101,4</b>
<b>Mining and quarrying</b>	<b>103,0</b>	<b>108,8</b>	<b>102,4</b>	<b>108,9</b>	<b>108,6</b>
Mining of coal and lignite	71,6	55,2	25,4	39,5	31,0
Extraction of crude petroleum and natural gas	101,7	109,7	106,4	109,7	111,3
Other mining and quarrying	141,1	123,8	80,1	162,7	100,6
<b>Manufacturing</b>	<b>93,9</b>	<b>106,0</b>	<b>89,5</b>	<b>103,1</b>	<b>99,7</b>
Manufacture of food products	92,1	96,5	88,3	106,6	104,1
Manufacture of beverages	108,4	125,5	86,5	94,5	89,5
Manufacture of tobacco products	50,8	93,5	54,4	89,5	88,6
Manufacture of textiles	104,1	128,9	98,9	137,3	111,5
Manufacture of wearing apparel	116,8	127,2	124,1	118,5	111,5
Manufacture of leather and related products	60,7	91,6	80,1	80,2	79,9
Manufacture of wood and of products of wood and cork, except furniture	109,2	105,9	80,4	76,3	84,6
Manufacture of paper and paper products	123,8	111,6	105,9	124,7	114,7
Printing and reproduction of recorded media	108,1	110,2	91,4	99,5	94,0
Manufacture of coke and refined petroleum products	106,0	117,4	89,7	98,6	93,4
Manufacture of chemicals and chemical products	48,8	102,1	75,1	95,7	74,4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	80,2	89,4	84,9	96,0	103,8
Manufacture of rubber and plastic products	157,7	176,7	144,2	168,4	158,8
Manufacture of other non-metallic mineral products	91,3	111,3	69,6	102,7	88,9
Manufacture of basic metals	85,3	97,5	89,6	96,7	87,4
Manufacture of fabricated metal products, except machinery and equipment	111,2	113,2	105,8	103,9	117,4
Manufacture of computer, electronic and optical products	117,8	120,3	123,0	176,4	123,4
Manufacture of electrical equipment	73,8	95,7	79,4	173,4	112,0
Manufacture of machinery and equipment n.e.c.	134,5	107,1	90,7	70,3	68,6
Manufacture of motor vehicles, trailers and semi-trailers	95,9	110,2	100,1	94,3	89,9
Manufacture of other transport equipment	127,3	162,2	111,5	147,3	133,1
Manufacture of furniture	64,7	91,0	68,1	72,2	77,1
Other manufacturing	105,0	98,1	92,4	58,4	93,1
Repair and installation of machinery and equipment	105,6	123,1	120,1	126,6	130,0
<b>Electricity, gas, steam and air conditioning supply</b>	<b>5,1</b>	<b>5,4</b>	<b>125,4</b>	<b>87,1</b>	<b>123,3</b>
Electricity, gas, steam and air conditioning supply	5,1	5,4	125,4	87,1	123,3

Published and printed by: Statistical Office of the Republic of Serbia, Belgrade, 5, Milana Rakica St  
 Phone: +381-11/2412-922 (operator) • Fax:2411-260 • www.stat.gov.rs

Responsible: Director, Dragan Vukmirovic, PhD

Issued monthly