

STATISTICAL RELEASE

IN10

Number 355 - Year LXVII, 29.12.2017.

SERB355 IN10 291217

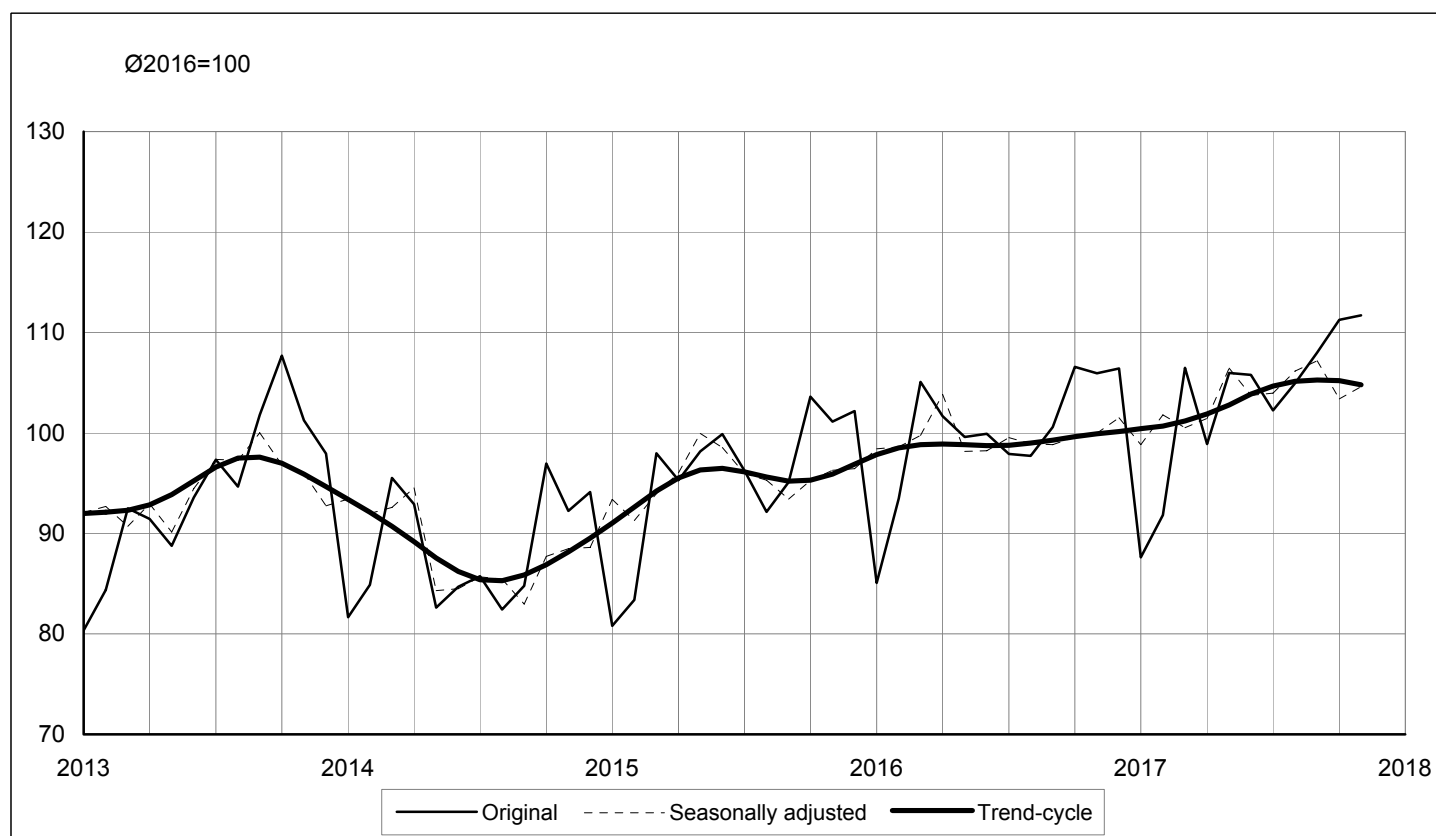
Industry statistics

Industrial production indices, November 2017 - Previous results -

Industrial production in the Republic of Serbia, in November 2017 was by 5.5% greater compared to November 2016 and was by 11.7% greater compared to 2016 average. Industrial production for January - November 2017, compared to the same period last year was by 3.8% greater. The manufacturing section increased by 6.8% in the period January-November 2017 compared to the same period in 2016.

Observed by sections, November 2017, compared to November 2016, in the mining and quarrying section increased by 5.0%, while the production in the manufacturing section increased by 8.2%, while the production in the section for electricity, gas, steam and air conditioning supply saw a 4.3% fall.

Industrial production, 2013 - 2017



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, 2017

Republic of Serbia

	Ø2016=100			XI 2017	I-XI 2017
	X	XI	I-XI	XI 2016	I-XI 2016
Industry total¹⁾	111.3	111.7	103.2	105.5	103.8
Energy	103.2	104.0	96.1	99.5	96.8
Intermediate goods, except energy	114.1	115.6	110.2	113.9	110.2
Capital goods	118.2	111.3	110.1	104.2	111.2
Durable consumer goods	116.8	110.5	102.9	95.8	102.6
Non-durable consumer goods	114.8	116.2	101.8	105.1	102.8
Mining and quarrying	117.0	110.8	102.1	105.0	102.6
Mining of coal and lignite	120.6	113.9	102.0	106.5	103.2
Extraction of crude petroleum and natural gas	96.2	92.3	94.8	97.7	94.5
Mining of metal ores	110.2	104.1	102.7	98.6	102.5
Other mining and quarrying	133.3	127.5	109.0	118.8	107.6
Manufacturing	115.3	115.8	106.3	108.2	106.8
Manufacture of food products	121.2	117.6	99.1	100.3	100.5
Manufacture of beverages	87.0	91.6	104.8	102.3	105.3
Manufacture of tobacco products	117.7	126.5	109.3	104.3	109.4
Manufacture of textiles	134.9	138.9	113.9	116.5	114.6
Manufacture of wearing apparel	107.5	113.8	103.5	112.5	102.7
Manufacture of leather and related products	108.0	112.3	100.4	111.5	99.4
Manufacture of wood and of products of wood and cork, except furniture	132.4	120.4	115.3	113.1	116.0
Manufacture of paper and paper products	113.0	111.1	109.0	114.4	110.3
Printing and reproduction of recorded media	88.1	85.9	82.2	99.1	82.5
Manufacture of coke and refined petroleum products	121.0	120.8	105.5	107.8	105.9
Manufacture of chemicals and chemical products	126.5	115.0	117.4	134.3	115.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	113.4	124.3	108.7	116.3	109.6
Manufacture of rubber and plastic products	121.3	114.2	114.3	115.5	114.1
Manufacture of other non-metallic mineral products	124.6	117.3	103.4	110.2	102.2
Manufacture of basic metals	76.2	126.4	109.6	113.7	111.2
Manufacture of fabricated metal products, except machinery and equipment	115.6	120.2	110.5	109.4	111.2
Manufacture of computer, electronic and optical products	140.4	107.0	98.3	71.5	104.4
Manufacture of electrical equipment	119.3	117.0	112.5	108.6	111.4
Manufacture of machinery and equipment n.e.c.	143.4	146.3	142.5	138.7	144.2
Manufacture of motor vehicles, trailers and semi-trailers	102.5	94.0	99.5	105.9	98.9
Manufacture of other transport equipment	131.2	119.7	93.8	69.2	95.9
Manufacture of furniture	125.4	125.4	109.2	108.6	110.5
Other manufacturing	137.7	151.1	93.1	106.0	97.2
Repair and installation of machinery and equipment	80.3	74.4	75.9	69.4	75.4
Electricity, gas, steam and air conditioning supply	95.2	97.9	92.5	95.7	93.2
Electricity, gas, steam and air conditioning supply	95.2	97.9	92.5	95.7	93.2

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for November 2017. 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 2017/2016 average, for total industrial production stands at 111,1 and for manufacturing 114,8.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2016=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2016	98.4	98.6	99.8	103.8	98.2	98.2	99.5	98.9	98.8	99.6	100.0	101.5
2017	98.8	101.8	100.5	101.5	106.5	103.7	104.0	106.2	107.2	103.4	104.6	
Manufacturing												
2016	97.5	97.5	97.8	104.2	96.8	99.6	100.9	98.2	97.9	100.1	100.9	103.2
2017	102.3	105.7	107.3	105.0	108.1	105.8	105.8	108.0	108.6	105.3	107.8	

Industrial production indices¹⁾

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.

¹⁾ 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, 2017

AP Vojvodina

	Ø2016=100			XI 2017	I-XI 2017
	X	XI	I-XI	XI 2016	I-XI 2016
Industry total	125.0	125.1	107.0	109.5	108.2
Energy	117.2	124.2	105.3	114.2	106.5
Intermediate goods, except energy	116.6	110.3	108.3	107.8	108.3
Capital goods	143.8	141.7	133.4	127.5	133.7
Durable consumer goods	115.7	132.0	120.2	123.5	119.4
Non-durable consumer goods	128.9	130.3	101.5	105.3	103.5
Mining and quarrying	97.7	96.9	94.3	97.7	94.1
Mining of coal and lignite	88.8	132.2	98.4	96.8	100.9
Extraction of crude petroleum and natural gas	95.6	91.8	94.1	97.2	93.8
Other mining and quarrying	159.1	150.0	92.8	107.1	91.2
Manufacturing	125.7	124.6	107.1	108.5	108.2
Manufacture of food products	136.9	134.6	99.0	102.0	101.4
Manufacture of beverages	86.3	81.6	100.0	96.1	100.1
Manufacture of tobacco products	144.8	168.0	110.9	116.9	117.6
Manufacture of textiles	126.5	161.7	113.2	136.8	112.3
Manufacture of wearing apparel	104.5	113.8	102.3	109.3	101.2
Manufacture of leather and related products	123.8	123.2	110.1	132.0	108.5
Manufacture of wood and of products of wood and cork, except furniture	118.0	123.9	100.4	113.5	98.4
Manufacture of paper and paper products	89.2	84.5	98.2	89.5	100.4
Printing and reproduction of recorded media	130.4	98.4	104.1	89.2	103.3
Manufacture of coke and refined petroleum products	120.8	120.8	105.4	108.2	105.8
Manufacture of chemicals and chemical products	124.4	101.9	115.0	114.4	115.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	111.3	121.3	108.1	112.6	109.2
Manufacture of rubber and plastic products	126.5	117.7	116.7	119.4	116.5
Manufacture of other non-metallic mineral products	132.6	121.0	106.9	116.2	104.3
Manufacture of basic metals	97.3	95.6	101.3	92.5	100.4
Manufacture of fabricated metal products, except machinery and equipment	120.9	121.1	112.6	106.1	114.1
Manufacture of computer, electronic and optical products	98.2	76.8	98.0	68.0	105.8
Manufacture of electrical equipment	88.9	100.2	94.0	92.5	94.7
Manufacture of machinery and equipment n.e.c.	169.6	170.0	164.1	150.7	165.6
Manufacture of motor vehicles, trailers and semi-trailers	111.9	115.8	109.9	117.3	108.8
Manufacture of other transport equipment	206.0	188.5	131.0	120.1	128.4
Manufacture of furniture	105.1	117.7	98.8	95.8	99.5
Other manufacturing	175.8	188.4	108.5	119.7	111.6
Repair and installation of machinery and equipment	73.5	62.4	70.5	57.7	68.7
Electricity, gas, steam and air conditioning supply	97.0	358.7	147.6	516.9	208.8
Electricity, gas, steam and air conditioning supply	97.0	358.7	147.6	516.9	208.8

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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: Dr Miladin Kovačević, Acting Director

Issued monthly