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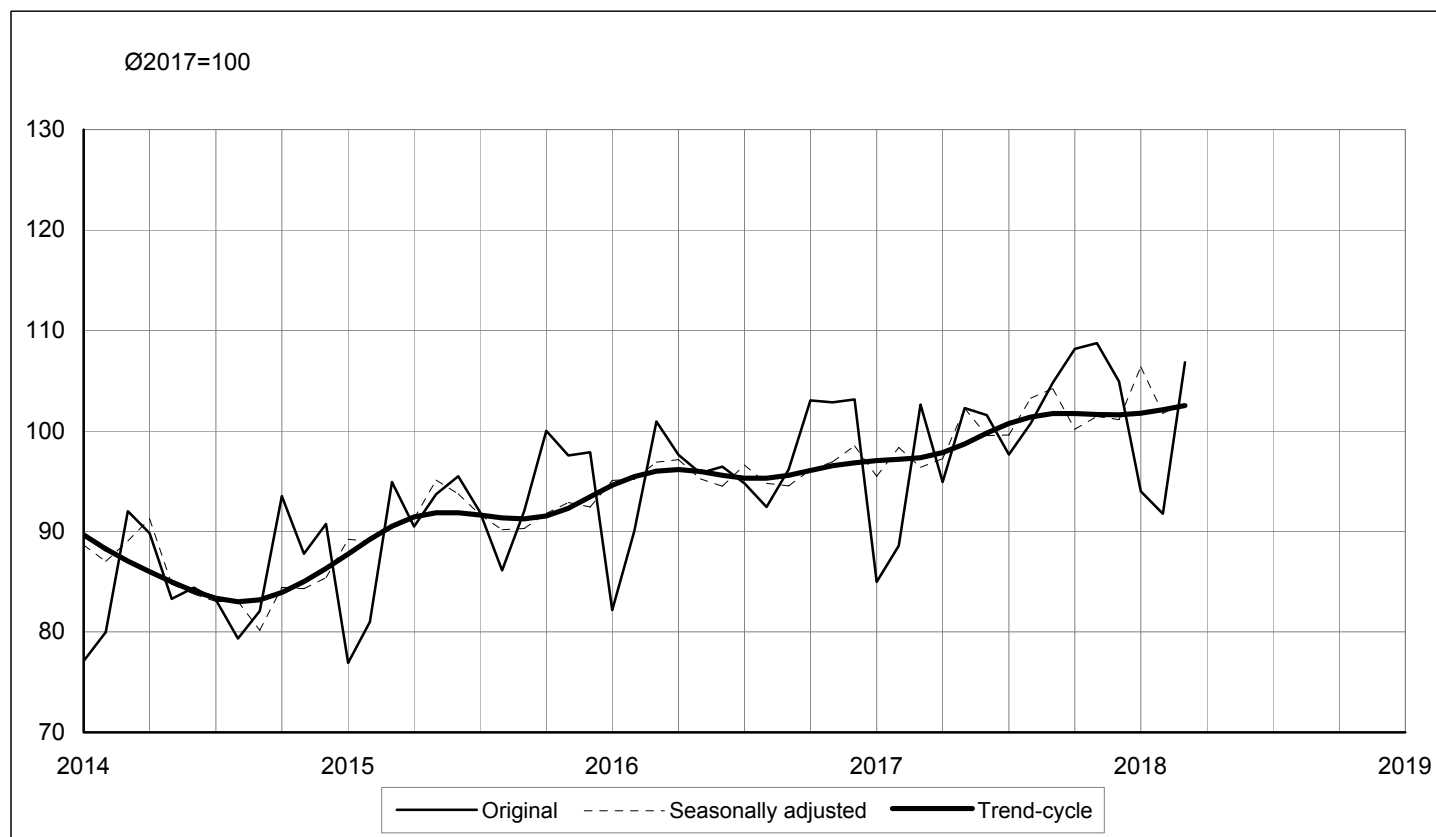
Industry statistics

Industrial production indices, March 2018 - Previous results -

Industrial production in the Republic of Serbia, in March 2018 was by 4.1% greater compared to March 2017 and was by 6,8% greater compared to 2017 average. Industrial production for January - March 2018, compared to the same period last year was by 5.9% greater. The manufacturing section increased by 5.0% in the period January-March 2018 compared to the same period in 2017.

Observed by sections, March 2018, compared to March 2017, in the mining and quarrying section increased by 9.2%, while the production in the manufacturing section was without change, while the production in the section for electricity, gas, steam and air conditioning supply increased by 21.6%.

Industrial production, 2014 - 2018



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, 2018

Republic of Serbia

	Ø2017=100			III 2018	I-III 2018
	II	III	I-III	III 2017	I-III 2017
Industry total¹⁾	91.8	106.8	97.5	104.1	105.9
Energy	97.1	111.6	108.1	116.0	107.9
Intermediate goods, except energy	94.7	108.4	97.1	101.0	110.7
Capital goods	96.1	111.6	96.7	95.5	98.7
Durable consumer goods	88.5	106.4	95.2	102.2	111.1
Non-durable consumer goods	82.4	99.1	87.9	99.6	100.9
Mining and quarrying	87.1	99.0	95.2	109.2	103.0
Mining of coal and lignite	88.6	101.8	98.6	118.8	102.9
Extraction of crude petroleum and natural gas	89.0	98.8	95.6	97.1	97.2
Mining of metal ores	86.6	94.8	93.8	101.0	103.8
Other mining and quarrying	72.7	87.8	68.9	84.4	116.4
Manufacturing	87.9	104.8	92.9	100.0	105.0
Manufacture of food products	77.4	97.1	84.9	99.6	98.4
Manufacture of beverages	73.2	95.1	80.4	94.3	107.6
Manufacture of tobacco products	79.5	96.8	88.5	97.2	98.9
Manufacture of textiles	101.8	110.6	103.9	119.6	120.1
Manufacture of wearing apparel	112.9	120.2	107.8	104.2	109.9
Manufacture of leather and related products	110.8	131.6	114.2	101.5	106.5
Manufacture of wood and of products of wood and cork, except furniture	79.5	92.6	86.8	97.2	104.5
Manufacture of paper and paper products	98.5	114.5	99.7	103.1	104.6
Printing and reproduction of recorded media	87.7	107.2	91.0	106.2	102.8
Manufacture of coke and refined petroleum products	69.1	99.6	87.9	102.6	104.0
Manufacture of chemicals and chemical products	105.8	116.9	110.5	108.3	123.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	92.1	97.6	93.0	99.4	100.3
Manufacture of rubber and plastic products	96.6	112.2	97.4	103.1	105.1
Manufacture of other non-metallic mineral products	66.9	88.6	71.1	79.2	107.1
Manufacture of basic metals	100.2	104.7	105.5	93.2	113.3
Manufacture of fabricated metal products, except machinery and equipment	101.8	112.2	97.8	103.7	108.7
Manufacture of computer, electronic and optical products	77.5	83.3	76.5	72.9	81.6
Manufacture of electrical equipment	80.9	101.8	85.3	98.7	99.8
Manufacture of machinery and equipment n.e.c.	96.5	112.1	97.3	107.5	108.2
Manufacture of motor vehicles, trailers and semi-trailers	112.4	132.9	115.4	93.6	99.1
Manufacture of other transport equipment	101.6	124.4	101.0	102.1	93.4
Manufacture of furniture	92.2	107.8	99.0	104.8	117.4
Other manufacturing	101.7	121.9	101.4	116.9	113.2
Repair and installation of machinery and equipment	91.2	103.9	100.6	99.7	108.4
Electricity, gas, steam and air conditioning supply	111.3	119.8	119.6	121.6	110.9
Electricity, gas, steam and air conditioning supply	111.3	119.8	119.6	121.6	110.9

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for March 2018. 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 March 2018/2017 average, for total industrial production stands at 106.8 and for manufacturing 104.7.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2017=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2017	95.5	98.4	96.4	97.2	102.2	99.5	99.6	103.3	104.2	100.2	101.4	101.1
2018	106.4	101.8	102.7									
Manufacturing												
2017	95.3	98.1	99.2	97.8	100.9	99.2	99.1	102.8	102.5	99.8	102.0	101.7
2018	107.1	102.8	101.8									

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://www.stat.gov.rs/en-US/istrazivanja/methodology-and-documents/?a=06&s=0>. Time series of Industrial Production Indices are available on the SORS website, in the database <http://data.stat.gov.rs/?caller=0602&languageCode=en-US>.

3. Industrial production indices, by sectors, MIGs and divisions, 2018

AP Vojvodina

	Ø2017=100			III 2018	I-III 2018
	II	III	I-III	III 2017	I-III 2017
Industry total	86.3	102.9	92.1	102.7	105.1
Energy	74.1	100.1	90.2	102.9	103.0
Intermediate goods, except energy	105.0	115.7	104.6	107.5	117.1
Capital goods	99.3	127.1	105.1	116.8	117.2
Durable consumer goods	104.0	132.4	112.0	118.4	121.6
Non-durable consumer goods	78.3	90.3	82.3	95.1	95.6
Mining and quarrying	86.8	101.5	95.5	95.0	97.6
Mining of coal and lignite	65.2	137.7	101.6	85.1	102.6
Extraction of crude petroleum and natural gas	88.9	98.9	95.5	96.6	96.3
Other mining and quarrying	73.9	80.5	74.3	86.3	211.7
Manufacturing	85.8	102.9	91.8	102.6	105.5
Manufacture of food products	71.6	86.8	77.6	94.1	92.7
Manufacture of beverages	72.7	91.0	76.8	91.2	105.1
Manufacture of tobacco products	70.2	73.0	70.9	85.5	77.7
Manufacture of textiles	112.8	123.8	110.6	113.0	117.4
Manufacture of wearing apparel	106.7	112.2	100.0	92.7	96.9
Manufacture of leather and related products	113.7	143.9	121.9	128.4	132.2
Manufacture of wood and of products of wood and cork, except furniture	91.7	112.5	98.1	121.4	129.8
Manufacture of paper and paper products	79.7	90.6	84.3	73.5	80.7
Printing and reproduction of recorded media	91.2	102.8	91.2	91.2	100.8
Manufacture of coke and refined petroleum products	68.9	99.5	87.9	102.4	104.3
Manufacture of chemicals and chemical products	113.7	117.1	119.9	119.1	122.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	91.4	94.3	92.5	98.7	100.1
Manufacture of rubber and plastic products	100.6	115.0	99.4	107.7	108.4
Manufacture of other non-metallic mineral products	68.7	84.4	70.2	74.8	103.7
Manufacture of basic metals	94.4	114.9	93.2	100.3	102.5
Manufacture of fabricated metal products, except machinery and equipment	144.6	149.3	129.1	137.9	156.9
Manufacture of computer, electronic and optical products	28.2	43.0	61.1	18.5	46.3
Manufacture of electrical equipment	91.9	114.8	95.6	96.1	99.5
Manufacture of machinery and equipment n.e.c.	87.9	114.8	97.2	102.4	104.1
Manufacture of motor vehicles, trailers and semi-trailers	154.7	215.8	165.0	187.0	174.1
Manufacture of other transport equipment	117.1	147.2	116.9	113.3	117.7
Manufacture of furniture	88.2	122.5	105.0	141.9	117.3
Other manufacturing	101.1	122.5	102.2	118.7	119.5
Repair and installation of machinery and equipment	101.7	125.8	114.2	115.2	117.0
Electricity, gas, steam and air conditioning supply	189.8	113.2	142.1	248.8	99.6
Electricity, gas, steam and air conditioning supply	189.8	113.2	142.1	248.8	99.6

Contact: jasminka.kostic-simov@stat.gov.rs Phone/Fax: +381-11/2411-852

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