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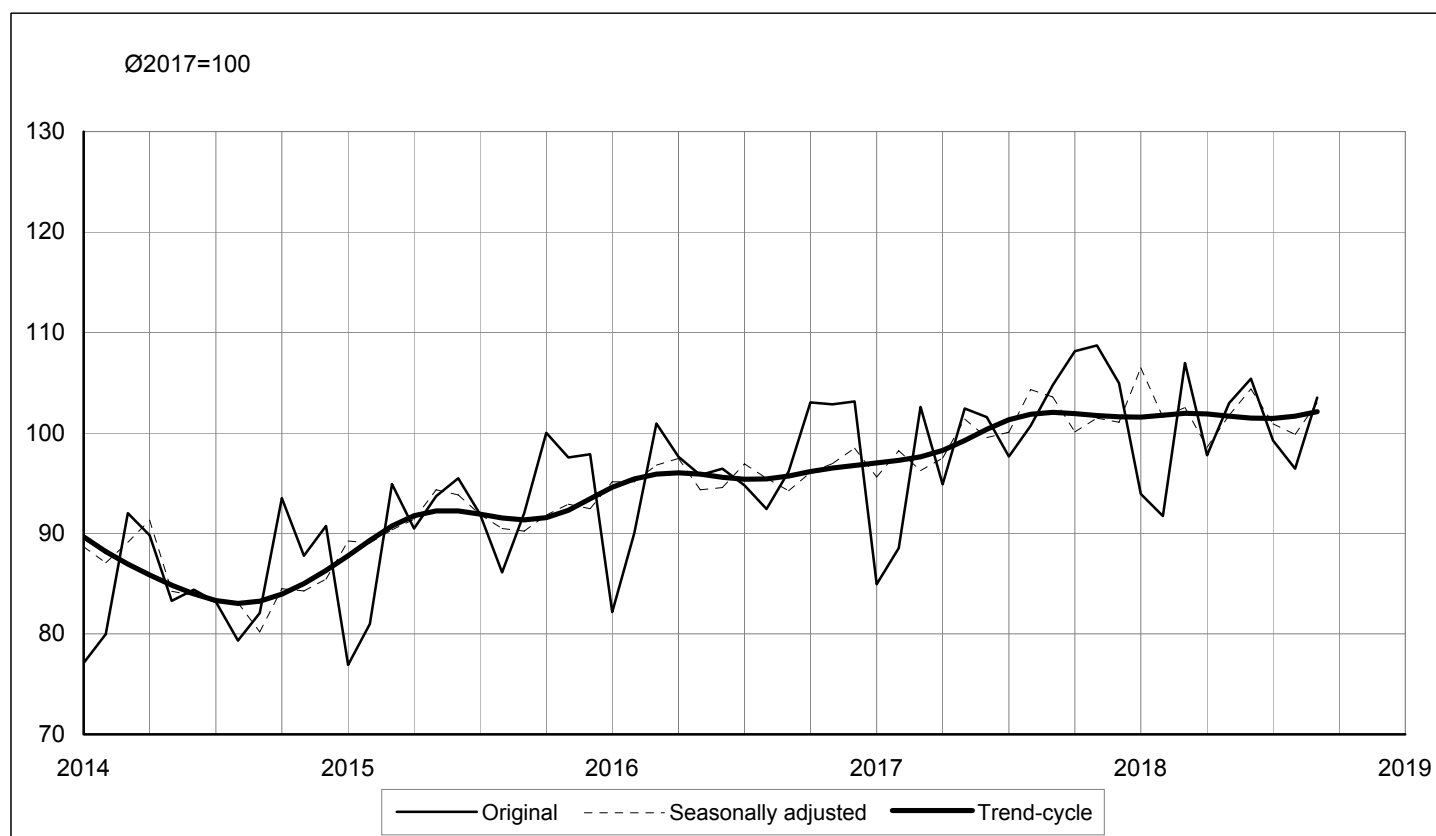
Industry statistics

Industrial production indices, September 2018 - Previous results -

Industrial production in the Republic of Serbia, in September 2018 was by 3.5% greater compared to 2017. average. Industrial production for the period January - September 2018, compared to the same period last year was by 2.3% higher.

The Manufacturing section in September 2018 compared to 2017 average was 7.9% higher and for the period January - September 2018, compared to the same period last year was by 2.7% higher.

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			IX 2018	I-IX 2018
	VIII	IX	I-IX	IX 2017	I-IX 2017
Industry total¹⁾	96.4	103.5	99.8	98.8	102.3
Energy	93.9	97.2	99.6	96.0	102.5
Intermediate goods, except energy	105.2	105.7	103.5	100.6	104.5
Capital goods	94.6	112.3	101.3	103.2	102.7
Durable consumer goods	105.2	105.8	101.1	91.8	102.7
Non-durable consumer goods	89.7	104.3	95.4	98.9	99.4
Mining and quarrying	86.6	99.3	92.7	90.0	95.5
Mining of coal and lignite	75.7	97.8	89.1	86.9	93.0
Extraction of crude petroleum and natural gas	98.1	96.7	96.6	97.0	96.3
Mining of metal ores	100.8	99.1	98.5	94.3	99.6
Other mining and quarrying	118.4	116.9	100.0	94.4	102.9
Manufacturing	99.6	107.9	100.2	101.2	102.7
Manufacture of food products	94.3	109.8	93.7	97.9	100.0
Manufacture of beverages	124.6	99.4	104.5	100.5	101.8
Manufacture of tobacco products	81.4	82.9	89.1	83.9	92.1
Manufacture of textiles	72.2	82.0	94.7	73.0	99.1
Manufacture of wearing apparel	79.0	100.3	103.0	101.5	105.1
Manufacture of leather and related products	83.1	94.3	105.0	104.7	108.6
Manufacture of wood and of products of wood and cork, except furniture	113.4	105.1	100.2	88.8	102.2
Manufacture of paper and paper products	105.3	107.0	105.2	103.6	106.9
Printing and reproduction of recorded media	106.9	107.7	100.9	112.0	103.1
Manufacture of coke and refined petroleum products	123.7	125.6	103.5	111.9	107.1
Manufacture of chemicals and chemical products	94.2	96.3	102.3	98.2	102.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	52.3	107.0	93.5	110.3	95.8
Manufacture of rubber and plastic products	103.0	106.4	101.8	98.5	101.7
Manufacture of other non-metallic mineral products	125.5	128.2	105.8	111.9	108.4
Manufacture of basic metals	114.2	99.2	110.0	111.2	109.8
Manufacture of fabricated metal products, except machinery and equipment	110.2	106.5	100.6	97.9	103.3
Manufacture of computer, electronic and optical products	87.7	86.7	83.5	79.0	90.5
Manufacture of electrical equipment	88.4	102.3	94.6	92.0	94.3
Manufacture of machinery and equipment n.e.c.	114.4	120.2	107.1	96.2	108.3
Manufacture of motor vehicles, trailers and semi-trailers	60.1	103.7	104.2	107.1	101.2
Manufacture of other transport equipment	125.0	116.1	113.7	118.5	110.7
Manufacture of furniture	110.7	107.2	104.2	98.4	108.7
Other manufacturing	65.6	128.3	106.5	117.4	112.7
Repair and installation of machinery and equipment	114.1	127.0	117.3	127.4	120.6
Electricity, gas, steam and air conditioning supply	86.6	85.5	101.1	91.1	103.6
Electricity, gas, steam and air conditioning supply	86.6	85.5	101.1	91.1	103.6

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for September 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 September 2018/2017 average, for total industrial production stands at 103.4 and for manufacturing 107.8.

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	95.6	98.2	96.2	97.5	101.4	99.5	100.1	104.3	103.6	100.1	101.5	101.1
2018	106.5	101.6	102.5	98.6	101.8	104.4	100.9	99.9	103.0			
Manufacturing												
2017	95.3	97.9	99.0	98.1	100.9	99.1	99.9	103.3	102.1	99.5	101.8	101.4
2018	107.2	102.6	101.8	96.8	102.8	103.7	102.0	102.2	104.5			

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;

q₁ – quantity produced in the current period;

q₀ – quantity produced in the referent period;

k₀ – 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			IX 2018	I-IX 2018
	VIII	IX	I-IX	IX 2017	I-IX 2017
Industry total	94.8	111.9	97.8	102.3	102.2
Energy	118.3	121.5	102.3	111.5	105.9
Intermediate goods, except energy	98.8	102.3	103.6	98.7	104.2
Capital goods	100.3	117.4	111.4	103.6	114.0
Durable consumer goods	86.6	102.6	110.2	99.5	109.4
Non-durable consumer goods	79.3	111.2	88.6	99.3	95.9
Mining and quarrying	94.0	101.2	96.7	99.3	96.9
Mining of coal and lignite	16.6	122.1	88.2	91.9	90.2
Extraction of crude petroleum and natural gas	98.2	96.8	96.6	97.3	96.3
Other mining and quarrying	196.1	213.4	134.4	236.8	159.1
Manufacturing	95.1	112.4	98.0	102.3	102.5
Manufacture of food products	86.5	115.8	85.0	94.5	95.8
Manufacture of beverages	128.1	98.8	103.5	110.0	100.2
Manufacture of tobacco products	72.0	78.5	60.7	62.3	68.1
Manufacture of textiles	80.4	93.1	101.1	86.7	105.4
Manufacture of wearing apparel	72.3	106.1	97.6	107.4	97.9
Manufacture of leather and related products	107.6	142.4	119.6	129.3	124.8
Manufacture of wood and of products of wood and cork, except furniture	99.6	93.0	98.1	76.0	100.1
Manufacture of paper and paper products	86.9	85.2	86.4	96.8	87.4
Printing and reproduction of recorded media	102.8	97.3	96.1	97.5	98.2
Manufacture of coke and refined petroleum products	124.6	126.2	103.9	112.8	107.4
Manufacture of chemicals and chemical products	81.5	85.1	100.4	105.5	98.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	50.4	108.3	94.4	114.0	96.7
Manufacture of rubber and plastic products	100.3	108.7	104.4	99.0	105.5
Manufacture of other non-metallic mineral products	118.7	121.6	102.6	101.4	104.9
Manufacture of basic metals	97.1	101.7	96.0	99.6	95.8
Manufacture of fabricated metal products, except machinery and equipment	108.1	114.6	117.8	95.2	120.9
Manufacture of computer, electronic and optical products	34.2	35.9	64.5	32.1	56.0
Manufacture of electrical equipment	73.8	90.4	94.1	84.6	94.2
Manufacture of machinery and equipment n.e.c.	112.8	105.0	106.8	92.7	107.4
Manufacture of motor vehicles, trailers and semi-trailers	103.5	127.5	145.8	112.4	150.9
Manufacture of other transport equipment	149.3	148.6	140.3	172.6	134.0
Manufacture of furniture	117.9	115.9	108.7	91.9	111.5
Other manufacturing	59.2	128.3	104.8	116.2	112.3
Repair and installation of machinery and equipment	110.1	131.7	118.2	128.1	118.7
Electricity, gas, steam and air conditioning supply	37.0	76.4	78.4	167.9	101.7
Electricity, gas, steam and air conditioning supply	37.0	76.4	78.4	167.9	101.7

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