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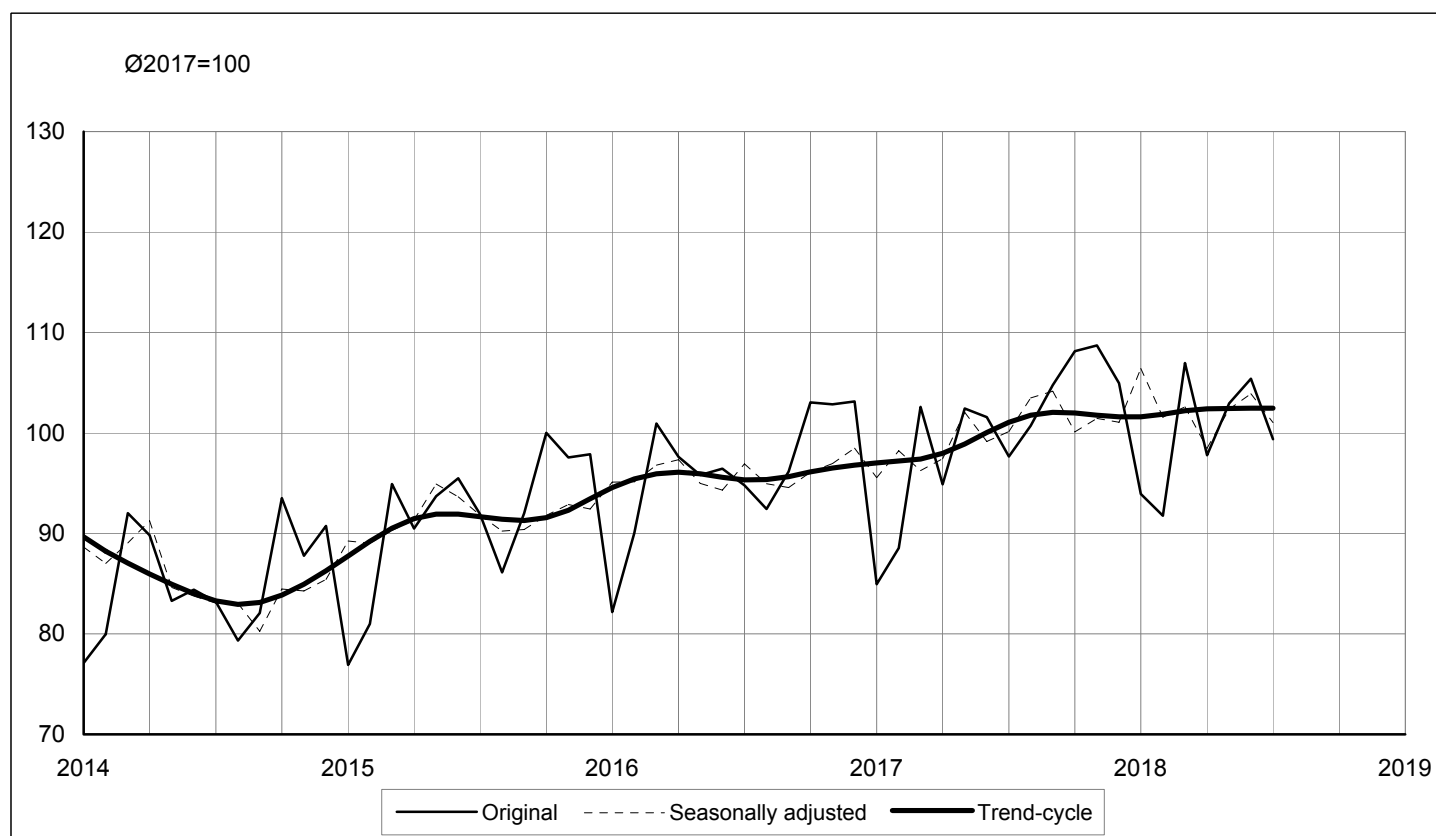
Industry statistics

Industrial production indices, July 2018 - Previous results -

Industrial production for the period January - July 2018, compared to the same period last year was by 3.7% higher, and the Manufacturing section higher by 3.4%.

Industrial production in the Republic of Serbia, in July 2018 was by 1.7% higher compared to July 2017, and for Manufacturing higher by 3,4%.

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			VII 2018	I-VII 2018
	VI	VII	I-VII	VII 2017	I-VII 2017
Industry total¹⁾	105.4	99.4	99.7	101.7	103.7
Energy	95.4	95.8	100.7	99.6	104.9
Intermediate goods, except energy	109.0	107.4	103.0	104.8	105.7
Capital goods	113.5	93.3	100.7	104.9	102.3
Durable consumer goods	113.2	94.8	99.8	99.7	103.7
Non-durable consumer goods	108.1	97.1	95.0	99.7	100.8
Mining and quarrying	88.9	95.2	92.6	91.7	99.0
Mining of coal and lignite	83.3	87.5	89.7	84.5	97.9
Extraction of crude petroleum and natural gas	94.0	98.7	96.3	96.3	96.3
Mining of metal ores	94.1	109.3	98.1	106.2	101.8
Other mining and quarrying	113.1	113.5	94.9	101.3	105.4
Manufacturing	109.9	101.7	99.2	103.4	103.4
Manufacture of food products	102.0	91.7	91.3	102.5	100.7
Manufacture of beverages	130.2	116.1	102.3	92.2	102.9
Manufacture of tobacco products	108.4	100.5	91.1	103.9	92.8
Manufacture of textiles	101.3	84.7	99.8	83.9	104.7
Manufacture of wearing apparel	111.9	103.3	107.8	103.7	108.9
Manufacture of leather and related products	110.2	100.4	109.0	101.8	107.8
Manufacture of wood and of products of wood and cork, except furniture	109.1	101.1	97.1	98.8	104.3
Manufacture of paper and paper products	111.8	106.5	104.9	103.9	106.4
Printing and reproduction of recorded media	122.2	97.4	99.1	107.9	103.4
Manufacture of coke and refined petroleum products	111.1	113.0	97.4	110.0	105.0
Manufacture of chemicals and chemical products	97.9	94.6	104.3	92.7	104.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	102.7	102.7	97.5	105.2	99.9
Manufacture of rubber and plastic products	107.6	108.7	101.0	111.1	102.2
Manufacture of other non-metallic mineral products	121.9	120.5	100.0	111.2	107.8
Manufacture of basic metals	116.5	111.9	111.0	104.8	111.2
Manufacture of fabricated metal products, except machinery and equipment	103.4	98.8	98.3	101.0	102.5
Manufacture of computer, electronic and optical products	116.0	77.7	82.5	97.0	91.7
Manufacture of electrical equipment	112.6	93.1	94.3	87.9	96.8
Manufacture of machinery and equipment n.e.c.	128.8	99.0	104.2	109.0	110.9
Manufacture of motor vehicles, trailers and semi-trailers	116.6	69.3	110.6	99.9	102.7
Manufacture of other transport equipment	129.1	106.2	111.7	113.2	105.9
Manufacture of furniture	110.8	104.7	102.8	100.5	108.2
Other manufacturing	104.6	141.7	109.1	136.2	113.2
Repair and installation of machinery and equipment	133.5	133.5	116.4	128.2	121.5
Electricity, gas, steam and air conditioning supply	92.4	90.9	105.4	99.6	107.3
Electricity, gas, steam and air conditioning supply	92.4	90.9	105.4	99.6	107.3

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for July 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 July 2018/2017 average, for total industrial production stands at 99.7 and for manufacturing 102.1.

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	98.2	96.2	97.4	102.1	99.1	100.1	103.5	104.2	100.1	101.5	101.1
2018	106.4	101.6	102.6	98.5	102.4	103.9	101.0					
Manufacturing												
2017	95.2	97.9	98.9	97.9	100.8	98.9	99.8	102.9	103.3	99.5	101.8	101.5
2018	107.0	102.5	101.6	96.6	102.6	103.6	101.9					

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			VII 2018	I-VII 2018
	VI	VII	I-VII	VII 2017	I-VII 2017
Industry total	102.8	97.4	96.3	101.4	102.8
Energy	107.8	108.9	97.2	107.9	104.0
Intermediate goods, except energy	106.7	100.9	104.6	96.6	105.9
Capital goods	123.2	118.6	112.2	110.4	116.0
Durable consumer goods	118.8	111.7	114.7	117.0	111.5
Non-durable consumer goods	92.5	83.9	86.7	97.3	96.4
Mining and quarrying	96.3	93.9	96.6	98.0	98.2
Mining of coal and lignite	117.7	10.5	93.6	66.9	110.8
Extraction of crude petroleum and natural gas	94.2	98.9	96.4	96.8	96.3
Other mining and quarrying	107.8	184.1	114.3	165.0	142.5
Manufacturing	103.4	97.9	96.3	101.6	102.9
Manufacture of food products	82.8	75.4	80.4	101.2	95.4
Manufacture of beverages	123.5	116.5	100.6	89.2	99.3
Manufacture of tobacco products	61.2	35.4	56.6	80.3	65.9
Manufacture of textiles	109.7	82.6	105.2	107.7	109.7
Manufacture of wearing apparel	102.9	97.8	99.8	90.6	98.3
Manufacture of leather and related products	122.0	90.0	118.0	87.0	119.0
Manufacture of wood and of products of wood and cork, except furniture	96.1	97.8	98.6	85.6	106.3
Manufacture of paper and paper products	92.4	81.2	86.5	86.8	85.6
Printing and reproduction of recorded media	109.5	83.1	94.9	84.0	97.2
Manufacture of coke and refined petroleum products	111.6	113.5	97.7	109.9	105.2
Manufacture of chemicals and chemical products	101.1	80.1	105.3	69.5	99.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	102.9	104.2	98.7	103.7	100.8
Manufacture of rubber and plastic products	112.7	110.4	104.4	116.1	107.4
Manufacture of other non-metallic mineral products	118.5	115.9	98.1	101.4	105.6
Manufacture of basic metals	102.2	86.3	95.0	80.7	93.3
Manufacture of fabricated metal products, except machinery and equipment	119.4	112.9	119.7	93.3	125.3
Manufacture of computer, electronic and optical products	90.6	34.2	72.9	35.4	64.9
Manufacture of electrical equipment	100.8	95.2	97.6	94.3	98.0
Manufacture of machinery and equipment n.e.c.	124.4	106.2	106.2	109.1	109.0
Manufacture of motor vehicles, trailers and semi-trailers	159.4	127.9	154.4	158.3	165.0
Manufacture of other transport equipment	166.8	131.4	137.8	128.7	124.7
Manufacture of furniture	111.6	110.0	106.4	123.9	112.1
Other manufacturing	100.2	142.3	107.8	134.2	113.1
Repair and installation of machinery and equipment	123.9	129.0	117.5	126.7	119.9
Electricity, gas, steam and air conditioning supply	37.6	38.5	84.6	87.7	98.1
Electricity, gas, steam and air conditioning supply	37.6	38.5	84.6	87.7	98.1

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