

STATISTICAL RELEASE

IN10

Number 209 - Year LXVIII, 31.07.2018.

SERB209 IN10 310718

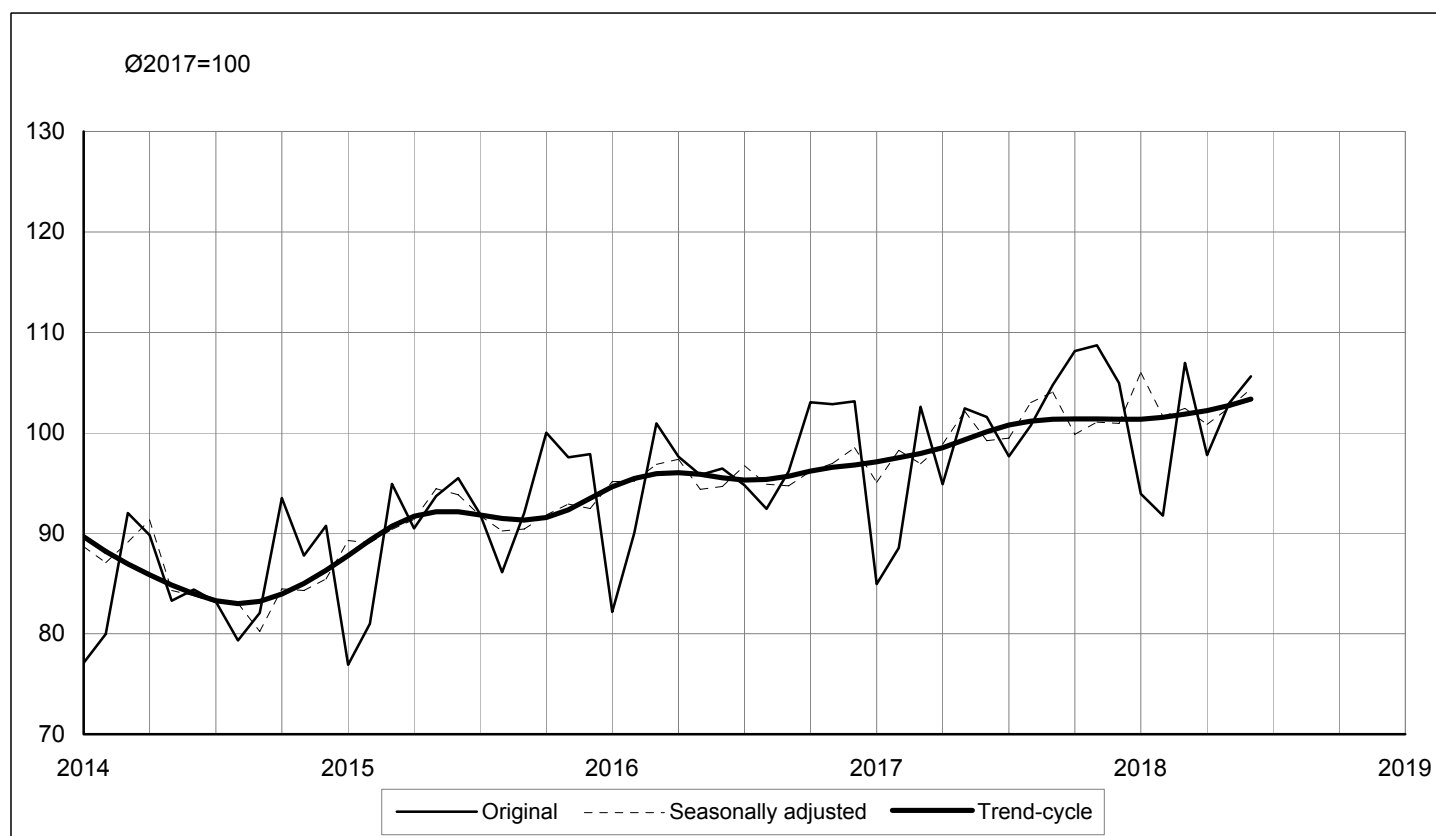
Industry statistics

Industrial production indices, June 2018 - Previous results -

Industrial production in the Republic of Serbia, in June 2018 was by 3.9% greater compared to June 2017 and was by 5.6% greater compared to 2017 average. Industrial production for January - June 2018, compared to the same period last year was by 4.2% greater.

Observed by sections, June 2018, compared to June 2017, in the mining and quarrying section increased by 2.9%, while the production in the manufacturing section increased by 3.6%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 6.3%.

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			VI 2018	I-VI 2018
	V	VI	I-VI	VI 2017	I-VI 2017
Industry total¹⁾	102.9	105.6	99.8	103.9	104.2
Energy	92.0	95.4	101.6	108.3	105.9
Intermediate goods, except energy	110.7	108.8	102.2	99.5	105.9
Capital goods	111.4	113.5	101.9	109.3	102.0
Durable consumer goods	106.1	113.3	100.7	100.3	104.5
Non-durable consumer goods	102.7	109.0	94.8	103.4	101.2
Mining and quarrying	85.6	88.9	92.2	102.9	100.4
Mining of coal and lignite	70.7	83.3	90.1	114.1	100.4
Extraction of crude petroleum and natural gas	99.4	94.0	95.9	95.6	96.3
Mining of metal ores	109.2	94.1	96.2	88.9	100.8
Other mining and quarrying	119.7	113.1	91.8	91.5	106.4
Manufacturing	107.1	110.2	98.9	103.6	103.6
Manufacture of food products	99.0	104.0	91.6	103.9	100.8
Manufacture of beverages	122.0	130.2	100.1	102.9	105.4
Manufacture of tobacco products	90.2	108.4	89.5	94.4	90.9
Manufacture of textiles	102.7	101.3	102.3	84.3	108.4
Manufacture of wearing apparel	111.6	111.9	108.6	114.2	109.8
Manufacture of leather and related products	116.8	110.6	110.5	104.9	108.9
Manufacture of wood and of products of wood and cork, except furniture	114.1	105.9	95.8	96.4	104.6
Manufacture of paper and paper products	111.8	111.4	104.6	106.4	106.7
Printing and reproduction of recorded media	97.2	117.5	98.6	116.7	102.0
Manufacture of coke and refined petroleum products	105.0	111.1	94.8	111.0	104.1
Manufacture of chemicals and chemical products	104.6	97.8	105.9	87.1	106.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	103.4	102.7	96.6	100.5	99.0
Manufacture of rubber and plastic products	103.6	107.6	99.7	95.3	100.7
Manufacture of other non-metallic mineral products	128.3	122.1	96.6	101.8	107.1
Manufacture of basic metals	121.9	116.5	110.8	117.7	112.4
Manufacture of fabricated metal products, except machinery and equipment	102.2	103.2	98.2	98.0	102.8
Manufacture of computer, electronic and optical products	95.9	116.0	83.3	134.3	90.9
Manufacture of electrical equipment	106.0	112.6	94.5	94.6	98.4
Manufacture of machinery and equipment n.e.c.	110.0	128.8	105.1	126.3	111.1
Manufacture of motor vehicles, trailers and semi-trailers	124.3	116.6	117.5	110.4	103.1
Manufacture of other transport equipment	127.0	129.1	112.7	117.5	104.9
Manufacture of furniture	103.2	110.9	102.5	106.8	109.7
Other manufacturing	118.3	104.6	103.6	96.1	108.8
Repair and installation of machinery and equipment	119.4	133.5	113.5	130.4	120.2
Electricity, gas, steam and air conditioning supply	92.2	92.4	107.8	106.3	108.5
Electricity, gas, steam and air conditioning supply	92.2	92.4	107.8	106.3	108.5

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for June 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 June 2018/2017 average, for total industrial production stands at 104,5 and for manufacturing 108,8

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	95.1	98.3	96.9	98.9	102.1	99.2	99.5	103.0	104.1	99.9	101.1	100.9
2018	106.0	101.6	102.4	100.8	102.5	104.4						
Manufacturing												
2017	94.9	97.9	99.8	98.8	100.8	98.9	99.0	102.6	103.1	99.6	101.6	101.2
2018	106.7	102.6	101.5	98.5	102.7	103.9						

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/istrazivanje/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			VI 2018	I-VI 2018
	V	VI	I-VI	VI 2017	I-VI 2017
Industry total	104.1	103.6	96.2	101.2	103.1
Energy	103.7	107.8	95.3	109.0	103.3
Intermediate goods, except energy	109.2	106.6	105.1	94.6	107.4
Capital goods	123.0	123.2	111.1	113.0	117.1
Durable consumer goods	125.7	119.1	115.3	103.2	110.7
Non-durable consumer goods	96.2	94.3	87.5	97.9	96.7
Mining and quarrying	103.3	96.3	97.0	102.2	98.1
Mining of coal and lignite	127.6	117.7	107.4	237.8	111.9
Extraction of crude petroleum and natural gas	99.6	94.2	96.0	96.3	96.3
Other mining and quarrying	170.9	107.8	102.7	105.8	136.9
Manufacturing	104.5	104.2	96.2	101.3	103.3
Manufacture of food products	88.9	85.8	81.8	95.4	95.2
Manufacture of beverages	123.4	123.5	98.0	100.7	101.7
Manufacture of tobacco products	47.1	61.2	60.1	66.5	64.7
Manufacture of textiles	110.6	109.7	108.9	106.3	109.9
Manufacture of wearing apparel	106.9	102.9	100.1	105.4	99.7
Manufacture of leather and related products	136.0	122.0	122.7	106.6	124.7
Manufacture of wood and of products of wood and cork, except furniture	106.6	96.1	98.7	86.6	110.7
Manufacture of paper and paper products	92.7	92.4	87.3	85.0	85.4
Printing and reproduction of recorded media	96.8	109.5	96.9	99.5	99.5
Manufacture of coke and refined petroleum products	105.6	111.6	95.1	110.2	104.3
Manufacture of chemicals and chemical products	102.3	101.1	109.5	82.9	104.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	108.9	102.9	97.8	102.0	100.4
Manufacture of rubber and plastic products	107.9	112.7	103.4	101.8	106.1
Manufacture of other non-metallic mineral products	128.7	118.5	95.1	102.2	106.4
Manufacture of basic metals	108.1	102.2	96.5	85.7	95.6
Manufacture of fabricated metal products, except machinery and equipment	114.3	119.0	120.7	108.1	132.3
Manufacture of computer, electronic and optical products	96.4	90.6	79.4	108.5	69.0
Manufacture of electrical equipment	99.8	100.8	98.0	91.1	98.6
Manufacture of machinery and equipment n.e.c.	119.2	124.4	106.2	113.4	109.0
Manufacture of motor vehicles, trailers and semi-trailers	153.0	159.4	158.8	164.2	165.8
Manufacture of other transport equipment	167.5	166.8	138.8	126.5	124.0
Manufacture of furniture	121.0	112.8	106.0	115.6	110.5
Other manufacturing	114.7	100.2	102.1	90.3	109.2
Repair and installation of machinery and equipment	117.1	123.9	115.5	117.4	118.6
Electricity, gas, steam and air conditioning supply	45.9	37.6	92.3	88.5	98.9
Electricity, gas, steam and air conditioning supply	45.9	37.6	92.3	88.5	98.9

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

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