

STATISTICAL RELEASE

IN10

Number 320 - Year LXIX, 29.11.2019.

SERB320 IN10 291119

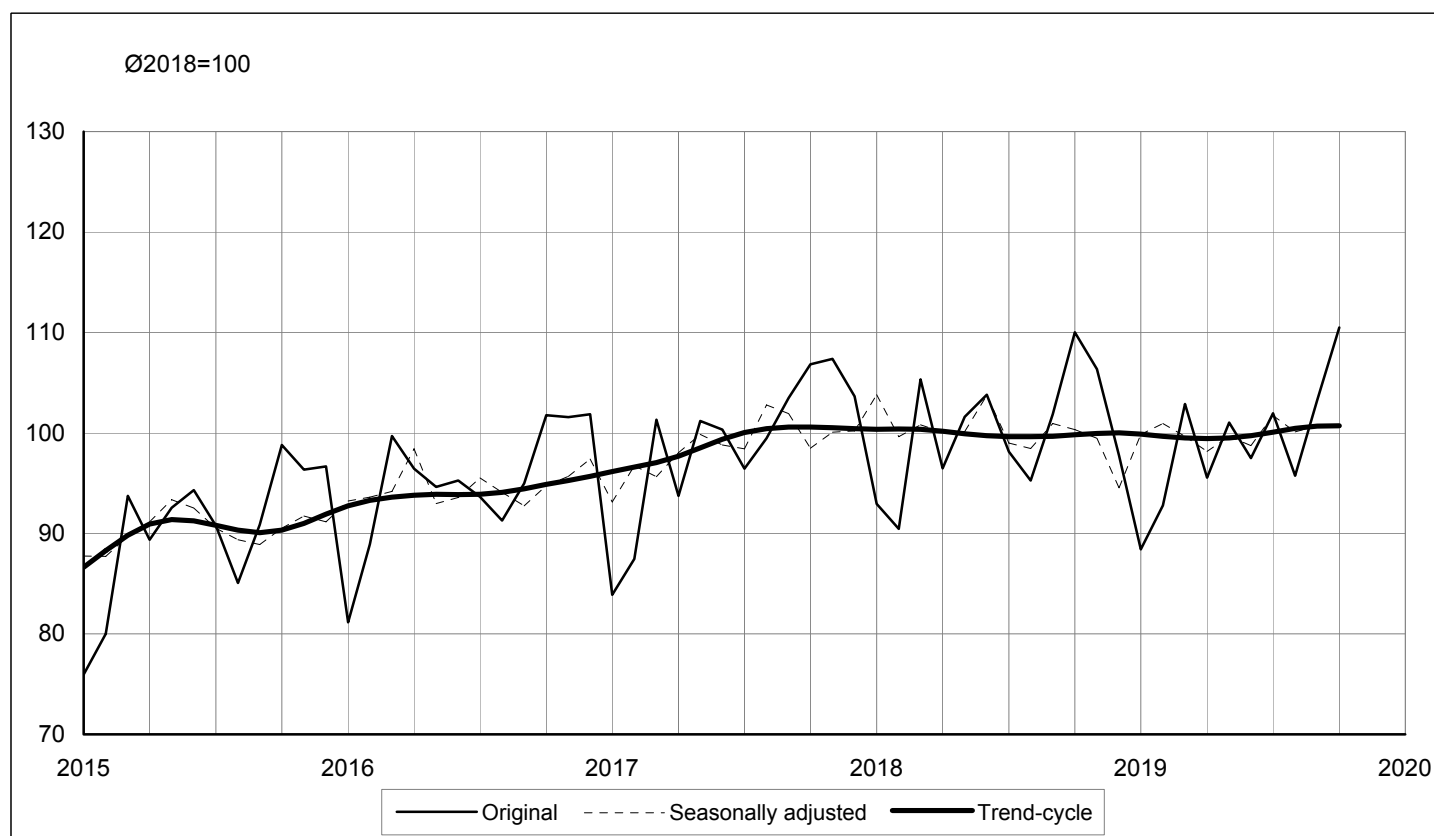
Industry statistics

Industrial production indices, October 2019 - Previous results -

Industrial production in the Republic of Serbia, in October 2019 was by 0,5% greater compared to October 2018 and was by 10.5% greater compared to 2018 average. Industrial production for January - October 2019, compared to the same period last year was by 0.7% lower.

Observed by sections, October 2019, compared to October 2018, in the manufacturing section increased by 1.5%, while in the mining and quarrying section decreased by 1.6%, and in the section of electricity, gas, steam and air conditioning supply decreased by 4.2%.

Industrial production, 2015 - 2019



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, 2019

Republic of Serbia

	Ø2018=100			X 2019	I-X 2019
	IX	X	I-X	X 2018	I-X 2018
Industry total¹⁾	103.3	110.5	98.9	100.5	99.3
Energy	96.1	100.3	96.2	97.9	97.4
Intermediate goods, except energy	108.0	115.0	102.5	104.3	101.6
Capital goods	109.2	114.1	102.5	102.3	102.5
Durable consumer goods	105.7	111.9	98.4	94.5	97.5
Non-durable consumer goods	103.2	114.4	96.7	98.5	97.9
Mining and quarrying	106.0	112.1	99.7	98.4	100.7
Mining of coal and lignite	106.4	113.2	101.5	97.8	104.0
Extraction of crude petroleum and natural gas	94.5	96.6	96.6	93.6	96.3
Mining of metal ores	103.8	106.6	93.7	94.5	92.8
Other mining and quarrying	129.0	145.6	108.2	120.8	105.4
Manufacturing	107.3	114.7	98.9	101.5	99.2
Manufacture of food products	103.8	118.1	94.6	94.0	95.6
Manufacture of beverages	100.4	85.2	97.5	94.5	96.7
Manufacture of tobacco products	91.0	118.3	90.5	106.8	92.9
Manufacture of textiles	100.8	111.7	98.5	103.5	96.7
Manufacture of wearing apparel	103.3	111.1	95.1	97.8	93.9
Manufacture of leather and related products	95.8	102.6	99.6	96.4	99.7
Manufacture of wood and of products of wood and cork, except furniture	89.1	96.8	82.4	86.8	82.3
Manufacture of paper and paper products	110.6	117.9	107.7	111.1	108.5
Printing and reproduction of recorded media	103.4	113.4	94.5	107.2	94.2
Manufacture of coke and refined petroleum products	119.6	115.7	86.5	103.1	88.2
Manufacture of chemicals and chemical products	95.2	110.1	92.9	101.8	91.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	107.7	128.9	107.2	116.0	112.7
Manufacture of rubber and plastic products	111.0	112.7	105.7	102.5	104.2
Manufacture of other non-metallic mineral products	118.8	127.3	104.3	99.8	103.0
Manufacture of basic metals	112.2	114.2	105.9	102.8	105.2
Manufacture of fabricated metal products, except machinery and equipment	111.9	119.1	107.4	113.3	107.2
Manufacture of computer, electronic and optical products	105.5	83.4	101.4	85.3	101.2
Manufacture of electrical equipment	106.7	115.2	97.3	97.1	96.8
Manufacture of machinery and equipment n.e.c.	99.5	107.8	99.1	101.7	100.2
Manufacture of motor vehicles, trailers and semi-trailers	106.5	108.9	100.9	109.9	96.0
Manufacture of other transport equipment	125.5	146.4	136.9	124.3	132.5
Manufacture of furniture	112.7	122.0	103.3	110.0	104.4
Other manufacturing	131.4	138.1	114.6	89.5	119.6
Repair and installation of machinery and equipment	106.2	121.7	106.2	114.7	107.9
Electricity, gas, steam and air conditioning supply	83.7	90.8	98.9	95.8	99.6
Electricity, gas, steam and air conditioning supply	83.7	90.8	98.9	95.8	99.6

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for October 2019. 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 October 2019/2018 average, for total industrial production stands at 110.1 and for manufacturing 114.2.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2018=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2018	103.8	99.6	100.8	100.1	100.1	103.7	99.0	98.5	100.9	100.3	99.5	94.5
2019	99.9	101.0	99.7	98.2	99.7	98.7	101.7	100.1	100.7	100.6		
Manufacturing												
2018	101.6	100.4	100.3	98.7	100.6	102.8	99.4	100.2	101.5	100.8	99.6	94.2
2019	100.3	102.4	95.9	96.9	99.1	96.5	104.3	99.8	101.1	102.0		

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, 2019

AP Vojvodina

	Ø2018=100			X 2019 X 2018	I-X 2019 I-X 2018
	IX	X	I-X		
Industry total	111.9	121.8	98.5	100.2	100.4
Energy	117.8	114.2	89.9	102.2	92.0
Intermediate goods, except energy	100.4	108.8	94.0	102.4	92.5
Capital goods	123.2	130.2	114.6	105.2	116.0
Durable consumer goods	96.5	106.6	106.9	109.4	102.4
Non-durable consumer goods	112.3	131.9	100.9	96.6	105.4
Mining and quarrying	98.7	97.3	95.3	90.4	95.5
Mining of coal and lignite	136.8	113.4	80.5	74.8	83.3
Extraction of crude petroleum and natural gas	94.4	96.6	96.3	93.8	96.0
Other mining and quarrying	121.8	73.1	106.3	59.2	112.2
Manufacturing	112.2	122.4	98.2	100.5	100.0
Manufacture of food products	118.8	139.5	99.5	91.5	103.9
Manufacture of beverages	98.6	88.5	100.7	96.6	99.2
Manufacture of tobacco products	55.3	121.5	79.3	75.4	97.2
Manufacture of textiles	108.6	112.2	101.8	109.8	98.9
Manufacture of wearing apparel	117.2	127.2	103.2	101.5	102.6
Manufacture of leather and related products	112.5	118.4	107.6	107.0	106.5
Manufacture of wood and of products of wood and cork, except furniture	86.1	85.5	81.0	88.9	77.8
Manufacture of paper and paper products	99.7	117.6	99.8	104.1	99.8
Printing and reproduction of recorded media	83.7	96.8	86.5	85.8	88.0
Manufacture of coke and refined petroleum products	120.3	115.5	86.6	103.3	88.4
Manufacture of chemicals and chemical products	82.0	88.6	68.1	95.1	66.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	107.8	131.5	107.5	118.1	113.6
Manufacture of rubber and plastic products	108.2	106.7	104.0	97.7	102.3
Manufacture of other non-metallic mineral products	116.3	124.0	101.4	102.1	99.5
Manufacture of basic metals	103.9	116.7	98.9	104.0	99.6
Manufacture of fabricated metal products, except machinery and equipment	102.5	123.4	105.8	108.1	105.3
Manufacture of computer, electronic and optical products	198.7	38.9	447.1	74.0	468.2
Manufacture of electrical equipment	129.8	153.2	115.6	147.7	114.2
Manufacture of machinery and equipment n.e.c.	117.6	120.6	110.7	112.0	111.1
Manufacture of motor vehicles, trailers and semi-trailers	115.4	123.9	107.8	112.5	105.3
Manufacture of other transport equipment	123.7	142.6	142.4	111.7	136.0
Manufacture of furniture	114.2	127.8	107.0	133.1	107.2
Other manufacturing	130.2	141.6	113.5	90.9	119.1
Repair and installation of machinery and equipment	82.9	118.5	89.7	107.8	91.0
Electricity, gas, steam and air conditioning supply	128.4	146.8	174.4	112.8	226.2
Electricity, gas, steam and air conditioning supply	128.4	146.8	174.4	112.8	226.2

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