

STATISTICAL RELEASE

IN10

Number 45 - Year LXX, 28.02.2020.

SERB045 IN10 280220

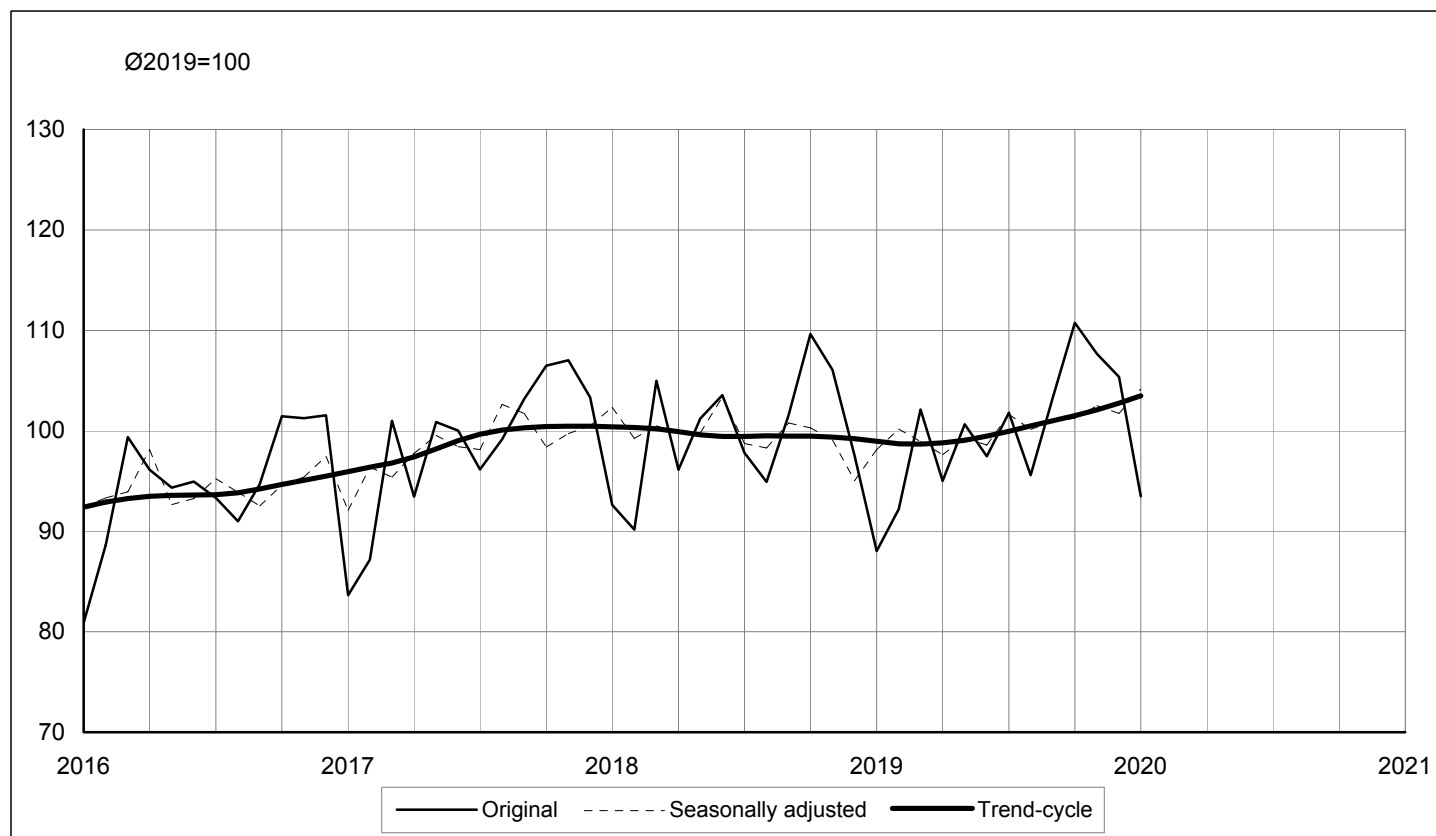
Industry statistics

Industrial production indices, January 2020 - Previous results -

Industrial production in the Republic of Serbia, in January 2020 was by 6.3% greater compared to January 2019 and was by 6.5% lower compared to 2019 average.

Observed by sections, January 2020, compared to January 2019, in the mining and quarrying section increased by 12.2%, while the production in the manufacturing section increased by 7.2%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 0.7%.

Industrial production, 2016 - 2020



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, 2020

Republic of Serbia

	Ø2019=100	I 2020 I 2019
	I	
Industry total¹⁾	93.5	106.3
Energy	110.7	100.3
Intermediate goods, except energy	85.5	111.9
Capital goods	90.7	110.9
Durable consumer goods	91.1	122.0
Non-durable consumer goods	85.9	105.1
Mining and quarrying	102.9	112.2
Mining of coal and lignite	105.9	105.0
Extraction of crude petroleum and natural gas	99.5	95.5
Mining of metal ores	116.8	143.3
Other mining and quarrying	48.8	171.2
Manufacturing	87.9	107.2
Manufacture of food products	87.0	106.7
Manufacture of beverages	79.6	109.0
Manufacture of tobacco products	87.4	104.9
Manufacture of textiles	96.2	102.7
Manufacture of wearing apparel	86.4	97.8
Manufacture of leather and related products	76.1	86.0
Manufacture of wood and of products of wood and cork, except furniture manufacture	77.2	122.9
Manufacture of paper and paper products	90.1	109.7
Printing and reproduction of recorded media	90.6	97.3
Manufacture of coke and refined petroleum products	105.4	96.6
Manufacture of chemicals and chemical products	96.9	111.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	86.9	107.2
Manufacture of rubber and plastic products	85.3	105.8
Manufacture of other non-metallic mineral products	49.3	126.4
Manufacture of basic metals	87.1	104.7
Manufacture of fabricated metal products, except machinery and equipment	86.6	110.0
Manufacture of computer, electronic and optical products	78.4	147.9
Manufacture of electrical equipment	100.3	128.1
Manufacture of machinery and equipment n.e.c.	87.2	103.3
Manufacture of motor vehicles, trailers and semi-trailers	94.9	99.6
Manufacture of other transport equipment	91.7	101.1
Manufacture of furniture	94.3	122.9
Other manufacturing	88.8	132.9
Repair and installation of machinery and equipment	95.0	103.6
Electricity, gas, steam and air conditioning supply	114.6	100.7
Electricity, gas, steam and air conditioning supply	114.6	100.7

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for January 2020. 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 January 2020/2019 average, for total industrial production stands at 92.2 and for manufacturing 86.2.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2019=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2019	98.1	100.2	98.9	97.6	99.3	98.6	101.6	100.1	100.9	101.2	102.5	101.8
2020	104.2											
Manufacturing												
2019	98.9	101.5	95.0	96.3	98.6	96.4	104.2	99.8	101.4	102.7	103.5	102.6
2020	105.8											

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/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, 2020

AP Vojvodina

	Ø2019=100	I 2020 I 2019
	I	
Industry total	91.3	104.6
Energy	105.5	92.5
Intermediate goods, except energy	90.4	115.3
Capital goods	90.9	108.7
Durable consumer goods	91.5	112.0
Non-durable consumer goods	84.5	106.3
Mining and quarrying	99.5	99.2
Mining of coal and lignite	123.4	142.5
Extraction of crude petroleum and natural gas	99.6	96.0
Other mining and quarrying	38.9	109.6
Manufacturing	90.7	106.3
Manufacture of food products	85.2	106.2
Manufacture of beverages	76.6	114.8
Manufacture of tobacco products	95.5	87.9
Manufacture of textiles	88.5	108.1
Manufacture of wearing apparel	85.1	100.2
Manufacture of leather and related products	74.5	91.7
Manufacture of wood and of products of wood and cork, except furniture manufacture	63.9	85.4
Manufacture of paper and paper products	80.6	96.4
Printing and reproduction of recorded media	77.2	96.7
Manufacture of coke and refined petroleum products	105.2	95.6
Manufacture of chemicals and chemical products	120.3	118.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	86.3	106.7
Manufacture of rubber and plastic products	90.1	106.5
Manufacture of other non-metallic mineral products	56.4	168.4
Manufacture of basic metals	88.1	126.0
Manufacture of fabricated metal products, except machinery and equipment	92.9	123.9
Manufacture of computer, electronic and optical products	25.9	221.4
Manufacture of electrical equipment	105.8	138.5
Manufacture of machinery and equipment n.e.c.	87.1	98.1
Manufacture of motor vehicles, trailers and semi-trailers	90.5	90.3
Manufacture of other transport equipment	97.6	100.1
Manufacture of furniture	97.5	140.7
Other manufacturing	90.7	137.6
Repair and installation of machinery and equipment	105.6	125.4
Electricity, gas, steam and air conditioning supply	113.5	68.9
Electricity, gas, steam and air conditioning supply	113.5	68.9

Contact: jasmina.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, Director

Issued monthly