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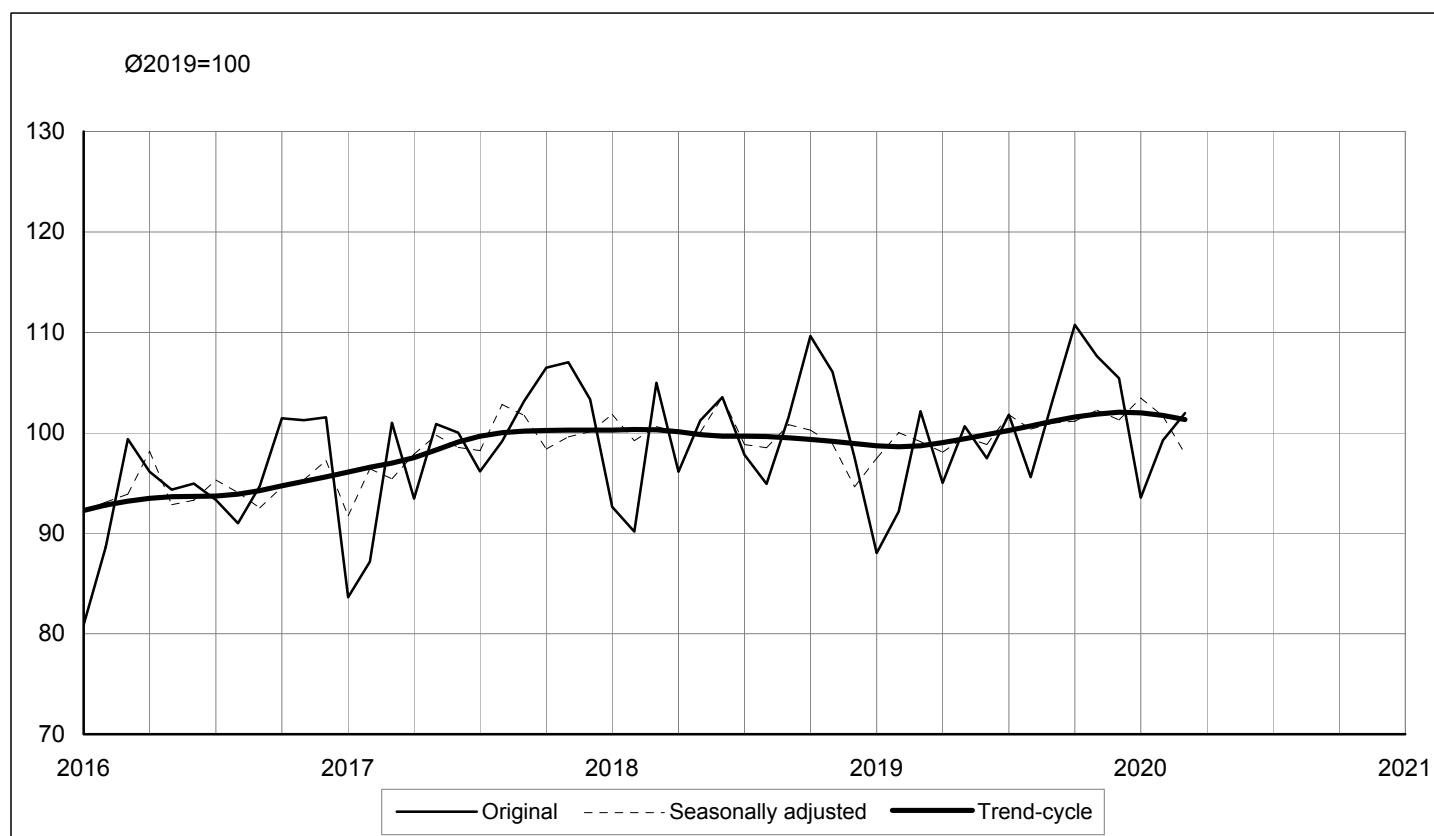
Industry statistics

Industrial production indices, March 2020 - Previous results -

Industrial production in the Republic of Serbia, in March 2020 was by 0.1% lower compared to March 2019 and was by 2.0% greater compared to 2019 average. Industrial production for January - March 2020, compared to the same period last year was by 4.4% greater.

Observed by sections, March 2020, compared to March 2019, in the mining and quarrying section increased by 0.5%, while the production in the manufacturing section increased by 2.7%, while the production in the section for electricity, gas, steam and air conditioning supply saw a 9.8% fall.

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			III 2020	I-III 2020
	II	III	I-III	III 2019	I-III 2019
Industry total¹⁾	99.2	102.0	98.2	99.9	104.4
Energy	106.6	114.2	110.5	114.5	105.2
Intermediate goods, except energy	94.2	98.0	92.6	93.2	103.7
Capital goods	102.4	94.6	95.9	87.5	102.2
Durable consumer goods	94.5	80.3	88.8	85.3	105.7
Non-durable consumer goods	96.6	98.6	93.8	98.5	104.8
Mining and quarrying	103.2	106.6	104.3	100.5	109.0
Mining of coal and lignite	106.1	108.6	107.0	97.7	103.9
Extraction of crude petroleum and natural gas	93.1	99.4	97.3	95.9	96.8
Mining of metal ores	114.7	115.6	115.7	124.2	138.1
Other mining and quarrying	66.2	79.0	64.5	75.7	102.9
Manufacturing	96.3	97.9	94.0	102.7	106.1
Manufacture of food products	93.3	101.8	94.0	100.8	104.1
Manufacture of beverages	77.3	84.1	80.4	91.3	102.4
Manufacture of tobacco products	110.4	132.6	110.1	125.6	120.6
Manufacture of textiles	117.8	99.9	104.7	84.4	101.9
Manufacture of wearing apparel	108.9	75.7	90.9	72.0	93.3
Manufacture of leather and related products	104.8	88.0	91.4	72.7	86.4
Manufacture of wood and of products of wood and cork, except furniture	96.7	93.0	87.5	91.0	110.5
Manufacture of paper and paper products	89.4	106.5	95.3	102.7	103.1
Printing and reproduction of recorded media	87.8	90.1	89.5	86.6	90.5
Manufacture of coke and refined petroleum products	97.6	109.1	104.0	1029.2	142.7
Manufacture of chemicals and chemical products	94.5	104.4	98.8	98.1	104.0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	107.8	108.0	100.9	114.6	116.6
Manufacture of rubber and plastic products	104.3	99.7	96.4	92.1	101.9
Manufacture of other non-metallic mineral products	69.1	88.1	68.8	83.7	97.0
Manufacture of basic metals	80.8	81.6	83.3	73.8	88.9
Manufacture of fabricated metal products, except machinery and equipment	102.7	88.5	92.7	81.0	102.3
Manufacture of computer, electronic and optical products	86.2	105.4	90.1	118.7	124.8
Manufacture of electrical equipment	111.4	103.0	104.9	111.8	121.8
Manufacture of machinery and equipment n.e.c.	103.0	98.5	96.2	91.8	100.7
Manufacture of motor vehicles, trailers and semi-trailers	102.9	82.7	93.5	74.6	89.1
Manufacture of other transport equipment	114.3	120.0	108.7	102.5	106.8
Manufacture of furniture	96.8	82.3	91.3	92.9	111.6
Other manufacturing	105.7	97.0	97.0	82.8	111.1
Repair and installation of machinery and equipment	88.6	89.9	90.8	91.7	96.9
Electricity, gas, steam and air conditioning supply	111.0	118.5	114.7	90.2	97.0
Electricity, gas, steam and air conditioning supply	111.0	118.5	114.7	90.2	97.0

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for March 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 March 2020/2019 average, for total industrial production stands at 101.8 and for manufacturing 97.7.

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	97.5	100.0	99.1	98.1	99.6	98.8	101.8	100.4	101.0	101.2	102.2	101.3
2020	103.5	101.7	97.9									
Manufacturing												
2019	98.3	100.7	95.5	97.0	99.1	96.8	104.4	100.0	101.4	102.6	103.2	101.9
2020	105.2	102.5	97.1									

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			III 2020	I-III 2020
	II	III	I-III	III 2019	I-III 2019
Industry total	101.7	103.1	98.7	120.2	112.2
Energy	101.6	108.1	105.1	354.4	127.1
Intermediate goods, except energy	104.9	113.0	102.7	110.6	114.6
Capital goods	108.9	99.5	99.8	92.1	107.1
Durable consumer goods	98.3	99.9	96.6	90.2	106.2
Non-durable consumer goods	97.8	95.8	92.7	98.3	105.3
Mining and quarrying	93.1	100.7	97.7	93.8	97.6
Mining of coal and lignite	110.0	115.7	116.4	75.6	106.3
Extraction of crude petroleum and natural gas	93.1	99.4	97.3	95.7	97.0
Other mining and quarrying	52.9	102.7	64.8	106.2	91.9
Manufacturing	101.0	103.0	98.2	122.0	113.5
Manufacture of food products	90.3	99.9	91.8	99.7	102.6
Manufacture of beverages	83.2	77.7	79.2	78.3	97.2
Manufacture of tobacco products	124.9	97.6	106.0	139.2	112.4
Manufacture of textiles	111.8	92.7	97.6	83.1	101.1
Manufacture of wearing apparel	104.3	70.5	87.3	67.8	92.4
Manufacture of leather and related products	100.9	99.6	91.6	79.8	86.9
Manufacture of wood and of products of wood and cork, except furniture	82.6	84.9	77.1	81.8	86.3
Manufacture of paper and paper products	95.1	111.0	95.6	101.5	97.9
Printing and reproduction of recorded media	88.8	75.6	80.8	68.2	81.9
Manufacture of coke and refined petroleum products	97.3	109.0	103.8	1238.6	142.6
Manufacture of chemicals and chemical products	118.8	119.1	119.6	136.0	121.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	110.7	109.3	102.0	122.0	120.9
Manufacture of rubber and plastic products	118.5	115.5	107.9	104.9	112.3
Manufacture of other non-metallic mineral products	67.7	88.5	70.6	85.8	103.7
Manufacture of basic metals	108.6	112.9	103.1	99.0	114.6
Manufacture of fabricated metal products, except machinery and equipment	117.2	117.8	109.4	122.1	134.4
Manufacture of computer, electronic and optical products	21.2	9.8	19.0	7.9	38.4
Manufacture of electrical equipment	120.7	127.8	118.1	138.5	142.3
Manufacture of machinery and equipment n.e.c.	108.5	97.4	97.7	86.3	98.9
Manufacture of motor vehicles, trailers and semi-trailers	106.4	84.3	93.7	78.5	91.0
Manufacture of other transport equipment	128.8	126.7	117.7	103.3	110.0
Manufacture of furniture	83.6	95.5	92.2	96.7	121.3
Other manufacturing	109.3	101.0	100.4	87.1	116.1
Repair and installation of machinery and equipment	103.3	104.7	104.2	88.8	110.4
Electricity, gas, steam and air conditioning supply	147.8	109.8	123.7	89.2	85.0
Electricity, gas, steam and air conditioning supply	147.8	109.8	123.7	89.2	85.0

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