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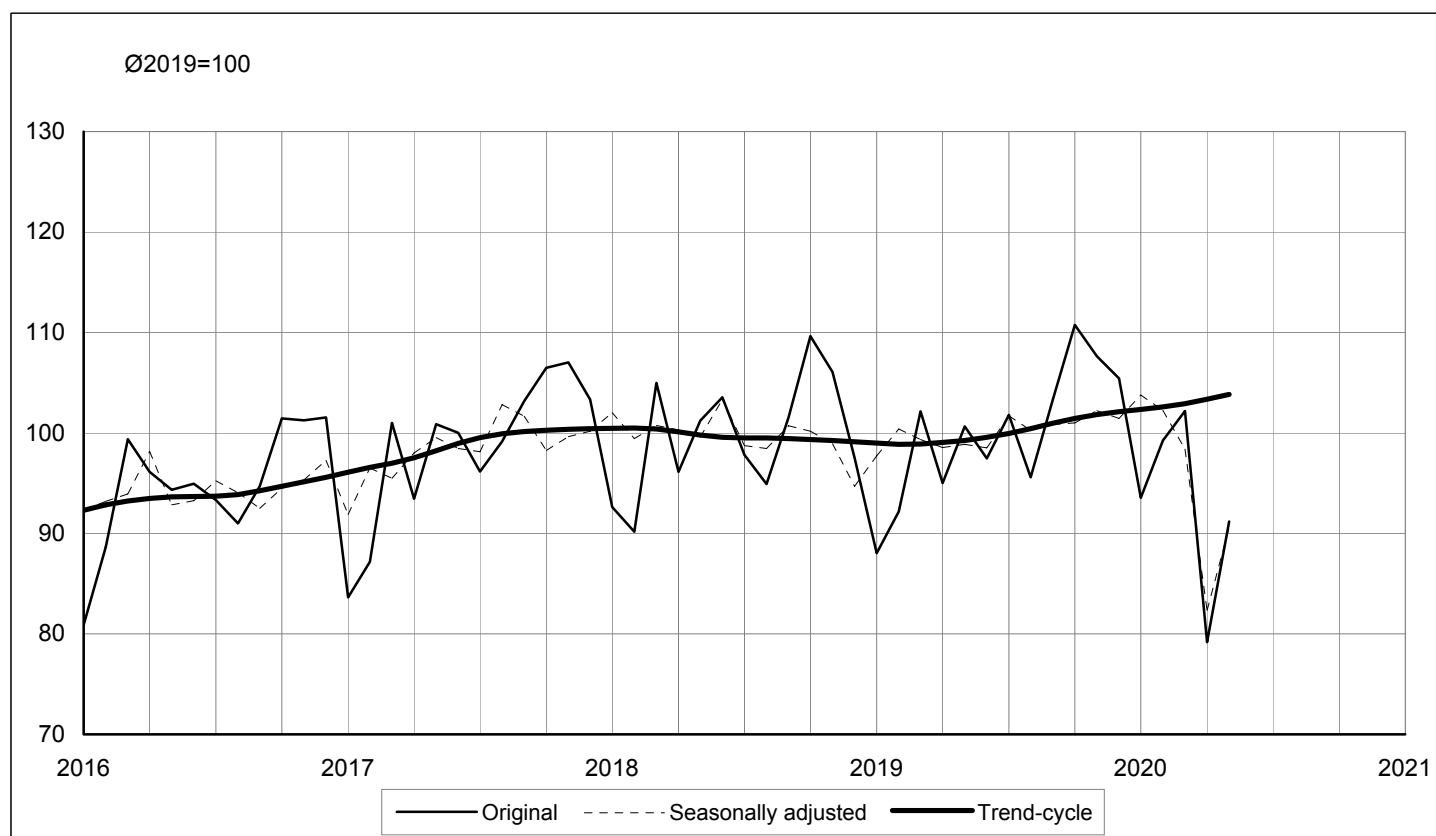
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Industry statistics

Industrial production indices, May 2020 - Previous results -

Industrial production in the Republic of Serbia, in May 2020 was lower by 9.3% compared to the same month in 2019 and lower by 8.8% compared to 2019 average. Industrial production in May 2020 compared to April 2020 was greater by 15,2% for total industry, while the seasonally adjusted growth of the industrial production shows that there was an increase of total industrial production by 10.1%. Industrial production in May 2020 compared to April 2020 in the manufacturing section was greater by 24,2%, while the seasonally adjusted growth of the the manufacturing section was greater by 14,5%. Observed by sections, in May 2020, compared to May 2019, industrial production in the mining and quarrying section was decreased by 3.9%, while the production in the manufacturing section decreased by 9.3%, whereas the production in the section for electricity, gas, steam and air conditioning supply decreased by 11.5%.

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			V 2020	I-V 2020
	IV	V	I-V	V 2019	I-V 2019
Industry total¹⁾	79.2	91.2	93.1	90.7	97.4
Energy	86.3	83.6	100.3	88.7	101.5
Intermediate goods, except energy	79.5	92.8	90.1	87.5	95.1
Capital goods	55.2	78.4	84.2	75.5	86.9
Durable consumer goods	39.6	91.8	80.4	89.5	89.8
Non-durable consumer goods	83.7	101.4	93.3	101.7	99.8
Mining and quarrying	100.8	87.1	100.1	96.1	104.6
Mining of coal and lignite	102.7	75.0	99.7	92.3	101.4
Extraction of crude petroleum and natural gas	96.5	99.4	97.6	96.7	96.9
Mining of metal ores	108.3	111.2	113.3	105.2	124.1
Other mining and quarrying	73.2	99.9	73.3	94.7	92.3
Manufacturing	75.1	93.3	90.2	90.7	97.5
Manufacture of food products	89.5	97.6	93.9	99.8	100.1
Manufacture of beverages	69.8	98.4	81.5	92.2	90.5
Manufacture of tobacco products	108.3	111.3	110.0	116.1	118.8
Manufacture of textiles	35.1	62.6	82.4	65.3	82.9
Manufacture of wearing apparel	49.9	103.2	85.2	103.2	87.8
Manufacture of leather and related products	28.1	64.6	73.4	59.4	69.8
Manufacture of wood and of products of wood and cork, except furniture	49.0	81.6	78.7	76.8	88.4
Manufacture of paper and paper products	102.1	101.8	98.0	96.0	101.9
Printing and reproduction of recorded media	69.3	89.2	86.0	97.9	89.3
Manufacture of coke and refined petroleum products	68.7	87.4	93.6	85.9	131.1
Manufacture of chemicals and chemical products	98.1	94.7	98.2	110.5	108.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	112.4	124.6	107.9	114.3	115.5
Manufacture of rubber and plastic products	48.1	80.9	83.9	75.7	85.4
Manufacture of other non-metallic mineral products	73.5	109.2	77.8	97.1	89.8
Manufacture of basic metals	80.9	82.2	82.6	70.4	81.6
Manufacture of fabricated metal products, except machinery and equipment	75.5	92.4	89.3	88.1	93.8
Manufacture of computer, electronic and optical products	53.7	108.9	86.6	142.9	106.9
Manufacture of electrical equipment	63.3	92.1	93.7	89.2	103.4
Manufacture of machinery and equipment n.e.c.	66.8	78.5	86.1	81.0	89.9
Manufacture of motor vehicles, trailers and semi-trailers	18.0	37.5	67.2	29.6	60.5
Manufacture of other transport equipment	69.2	107.8	100.6	111.6	98.5
Manufacture of furniture	40.5	97.7	84.0	94.7	96.1
Other manufacturing	86.2	109.4	98.5	107.5	106.8
Repair and installation of machinery and equipment	73.0	91.2	88.1	85.8	91.4
Electricity, gas, steam and air conditioning supply	88.4	83.6	103.2	88.5	94.2
Electricity, gas, steam and air conditioning supply	88.4	83.6	103.2	88.5	94.2

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for May 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 May 2020/2019 average, for total industrial production stands at 91.3 and for manufacturing 93.4

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	97.7	100.4	99.4	98.5	98.9	98.5	101.7	100.3	100.8	101.0	102.2	101.5
2020	103.8	102.2	98.4	82.3	90.6							
Manufacturing												
2019	98.6	101.2	96.0	97.8	98.1	96.4	104.3	99.8	101.3	102.4	103.1	101.9
2020	105.5	103.2	98.0	78.6	90.0							

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, 2020

AP Vojvodina

	Ø2019=100			V 2020 V 2019	I-V 2020 I-V 2019
	IV	V	I-V		
Industry total	80.7	94.4	94.3	95.3	104.9
Energy	71.3	87.9	94.9	89.5	120.4
Intermediate goods, except energy	89.3	91.6	97.7	93.0	105.7
Capital goods	64.8	86.8	90.4	86.6	95.3
Durable consumer goods	77.4	138.4	101.1	141.2	107.9
Non-durable consumer goods	85.5	99.7	92.7	100.1	100.2
Mining and quarrying	98.1	97.6	97.8	94.8	96.7
Mining of coal and lignite	114.3	73.1	107.3	90.2	101.1
Extraction of crude petroleum and natural gas	96.5	99.4	97.6	96.7	97.0
Other mining and quarrying	104.4	104.8	80.7	65.0	78.8
Manufacturing	80.5	94.4	94.0	94.6	105.6
Manufacture of food products	87.9	92.4	91.3	97.1	98.7
Manufacture of beverages	70.4	108.8	83.3	95.9	89.0
Manufacture of tobacco products	76.2	70.5	93.0	81.0	99.9
Manufacture of textiles	50.6	66.2	81.9	68.4	84.4
Manufacture of wearing apparel	48.5	84.8	79.0	85.7	85.8
Manufacture of leather and related products	33.8	74.2	76.4	68.3	73.0
Manufacture of wood and of products of wood and cork, except furniture	66.8	77.7	75.2	71.1	76.6
Manufacture of paper and paper products	96.8	98.6	96.4	96.3	97.8
Printing and reproduction of recorded media	49.2	90.7	76.5	93.9	75.7
Manufacture of coke and refined petroleum products	68.3	86.7	93.3	85.3	131.2
Manufacture of chemicals and chemical products	113.2	53.9	105.2	108.7	139.0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	113.0	125.0	108.8	113.3	117.1
Manufacture of rubber and plastic products	68.5	82.4	94.9	73.1	93.3
Manufacture of other non-metallic mineral products	77.8	110.9	80.1	104.0	95.4
Manufacture of basic metals	81.1	77.9	93.6	74.9	97.8
Manufacture of fabricated metal products, except machinery and equipment	91.0	112.8	106.4	108.3	118.1
Manufacture of computer, electronic and optical products	8.1	16.9	16.4	10.9	25.1
Manufacture of electrical equipment	90.4	115.3	111.3	133.0	132.7
Manufacture of machinery and equipment n.e.c.	74.7	92.9	92.1	91.9	92.7
Manufacture of motor vehicles, trailers and semi-trailers	19.7	45.2	69.0	41.5	66.4
Manufacture of other transport equipment	62.4	110.7	105.2	114.0	98.7
Manufacture of furniture	83.4	150.4	102.1	173.7	128.4
Other manufacturing	91.4	111.4	102.1	115.8	113.3
Repair and installation of machinery and equipment	86.5	101.0	99.9	110.6	104.9
Electricity, gas, steam and air conditioning supply	64.3	86.6	104.4	135.5	88.8
Electricity, gas, steam and air conditioning supply	64.3	86.6	104.4	135.5	88.8

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