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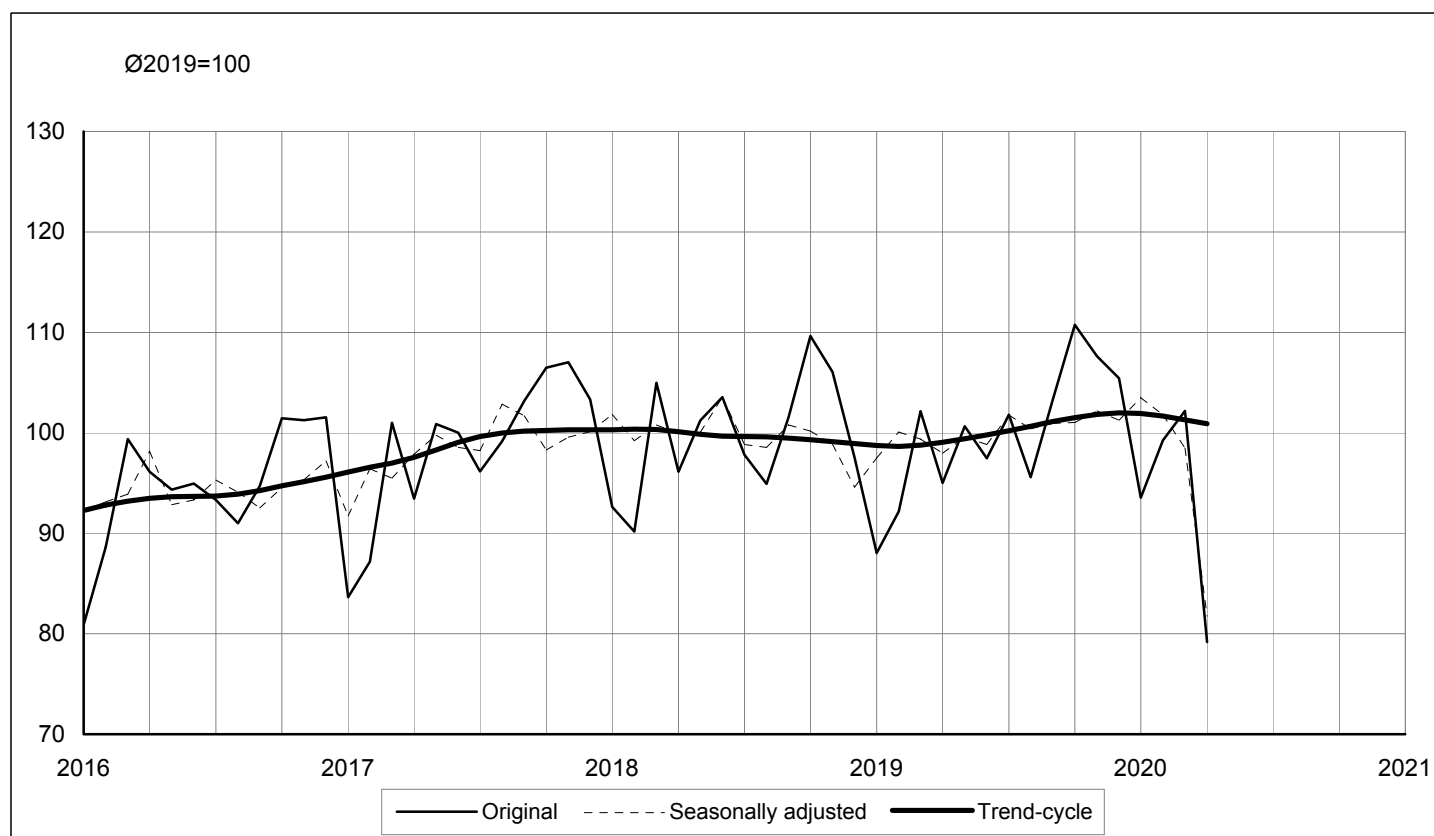
Industry statistics

Industrial production indices, April 2020 - Previous results -

Industrial production in the Republic of Serbia, in April 2020 was by 16.6% lower compared to April 2019 and was by 20.8% lower compared to 2019 average. Industrial production for January - April 2020, compared to the same period last year was by 0.8% lower.

Observed by sections, April 2020, compared to April 2019, in the mining and quarrying section saw a 0.1% fall, while the production in the manufacturing section saw a 19.9% fall, while the production in the section for electricity, gas, steam and air conditioning supply saw a 9.9% 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			IV 2020	I-IV 2020
	III	IV	I-IV	IV 2019	I-IV 2019
Industry total¹⁾	102.2	79.2	93.5	83.4	99.2
Energy	114.2	86.3	104.5	102.1	104.6
Intermediate goods, except energy	98.3	79.5	89.4	79.8	97.3
Capital goods	95.7	56.7	86.4	57.3	90.9
Durable consumer goods	82.9	39.7	77.1	42.6	89.4
Non-durable consumer goods	98.4	83.2	91.1	83.5	99.0
Mining and quarrying	106.6	100.7	103.4	99.9	106.6
Mining of coal and lignite	108.6	102.6	105.9	101.4	103.3
Extraction of crude petroleum and natural gas	99.4	96.5	97.1	97.2	96.9
Mining of metal ores	115.6	108.3	113.9	108.7	129.7
Other mining and quarrying	79.0	73.2	66.7	70.8	91.6
Manufacturing	98.2	75.1	89.4	80.1	99.4
Manufacture of food products	101.8	88.6	92.6	88.5	99.9
Manufacture of beverages	82.1	69.8	77.2	64.6	89.9
Manufacture of tobacco products	132.6	108.3	109.7	115.8	119.5
Manufacture of textiles	100.4	35.1	87.4	37.8	87.2
Manufacture of wearing apparel	75.8	49.9	80.7	53.8	83.9
Manufacture of leather and related products	88.4	28.1	75.7	28.1	72.6
Manufacture of wood and of products of wood and cork, except furniture	92.9	48.8	77.9	48.1	92.0
Manufacture of paper and paper products	106.5	102.1	97.0	104.4	103.4
Printing and reproduction of recorded media	92.6	69.3	85.2	73.9	87.3
Manufacture of coke and refined petroleum products	109.1	68.7	95.2	187.7	149.2
Manufacture of chemicals and chemical products	105.5	98.1	99.0	121.6	108.3
Manufacture of basic pharmaceutical products and pharmaceutical preparations	108.1	112.4	103.8	113.8	116.0
Manufacture of rubber and plastic products	100.9	48.1	84.6	47.9	88.0
Manufacture of other non-metallic mineral products	88.1	73.5	70.0	68.3	87.4
Manufacture of basic metals	81.6	80.9	82.7	74.8	85.0
Manufacture of fabricated metal products, except machinery and equipment	89.0	75.5	88.5	76.1	95.4
Manufacture of computer, electronic and optical products	105.3	53.7	81.0	47.8	98.5
Manufacture of electrical equipment	101.3	63.4	94.1	69.3	107.7
Manufacture of machinery and equipment n.e.c.	98.5	71.5	90.1	74.7	94.3
Manufacture of motor vehicles, trailers and semi-trailers	82.6	18.0	74.6	15.8	69.6
Manufacture of other transport equipment	120.0	69.2	98.8	63.7	95.5
Manufacture of furniture	87.4	40.8	79.9	46.2	95.7
Other manufacturing	102.9	86.2	95.8	88.9	106.7
Repair and installation of machinery and equipment	92.7	73.0	87.3	77.4	93.0
Electricity, gas, steam and air conditioning supply	118.5	88.4	108.1	90.1	95.4
Electricity, gas, steam and air conditioning supply	118.5	88.4	108.1	90.1	95.4

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for April 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 April 2020/2019 average, for total industrial production stands at 79.3 and for manufacturing 75.2.

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	97.5	100.1	99.4	98.0	99.6	98.8	101.8	100.4	100.9	101.0	102.2	101.3
2020	103.5	101.8	98.5	81.8								
Manufacturing												
2019	98.3	100.8	95.7	96.9	99.0	96.8	104.4	100.0	101.4	102.5	103.1	102.0
2020	105.1	102.6	97.7	77.8								

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			IV 2020	I-IV 2020
	III	IV	I-IV	IV 2019	I-IV 2019
Industry total	103.1	80.3	94.1	93.2	107.5
Energy	108.1	71.3	96.7	149.5	130.9
Intermediate goods, except energy	112.6	89.2	99.3	94.2	109.2
Capital goods	100.7	64.8	91.3	68.6	97.6
Durable consumer goods	100.1	77.4	91.8	79.3	99.1
Non-durable consumer goods	95.8	84.7	90.7	85.9	100.0
Mining and quarrying	100.7	98.1	97.8	95.9	97.2
Mining of coal and lignite	115.7	114.3	115.9	94.5	103.1
Extraction of crude petroleum and natural gas	99.4	96.5	97.1	97.1	97.0
Other mining and quarrying	102.7	104.4	74.7	75.2	85.3
Manufacturing	103.1	80.1	93.7	93.5	108.6
Manufacture of food products	99.9	86.2	90.4	87.6	98.6
Manufacture of beverages	77.7	70.4	77.0	64.0	86.9
Manufacture of tobacco products	97.6	76.2	98.6	80.0	104.2
Manufacture of textiles	92.7	50.6	85.9	51.3	88.6
Manufacture of wearing apparel	70.5	48.5	77.6	62.0	85.8
Manufacture of leather and related products	99.0	33.8	77.0	34.2	74.2
Manufacture of wood and of products of wood and cork, except furniture	84.9	66.8	74.6	58.8	78.2
Manufacture of paper and paper products	111.0	96.8	95.9	99.5	98.3
Printing and reproduction of recorded media	75.6	49.2	72.9	43.4	71.3
Manufacture of coke and refined petroleum products	109.0	68.3	95.0	192.4	149.6
Manufacture of chemicals and chemical products	118.8	113.1	117.9	345.9	143.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	109.3	113.0	104.8	111.7	118.3
Manufacture of rubber and plastic products	115.5	68.5	98.1	63.8	99.2
Manufacture of other non-metallic mineral products	88.6	77.7	72.4	71.1	92.3
Manufacture of basic metals	112.9	81.0	97.6	77.3	104.2
Manufacture of fabricated metal products, except machinery and equipment	117.8	91.0	104.8	89.4	121.2
Manufacture of computer, electronic and optical products	9.8	8.1	16.2	34.8	37.7
Manufacture of electrical equipment	124.0	90.4	110.2	107.7	132.5
Manufacture of machinery and equipment n.e.c.	97.4	74.7	91.9	75.2	92.8
Manufacture of motor vehicles, trailers and semi-trailers	83.9	19.7	75.1	19.3	73.1
Manufacture of other transport equipment	126.7	62.4	103.9	54.3	95.3
Manufacture of furniture	95.9	83.4	90.0	100.2	115.7
Other manufacturing	107.5	91.4	99.7	96.4	112.5
Repair and installation of machinery and equipment	104.4	86.5	99.6	86.5	103.6
Electricity, gas, steam and air conditioning supply	109.9	64.3	108.9	73.4	83.1
Electricity, gas, steam and air conditioning supply	109.9	64.3	108.9	73.4	83.1

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