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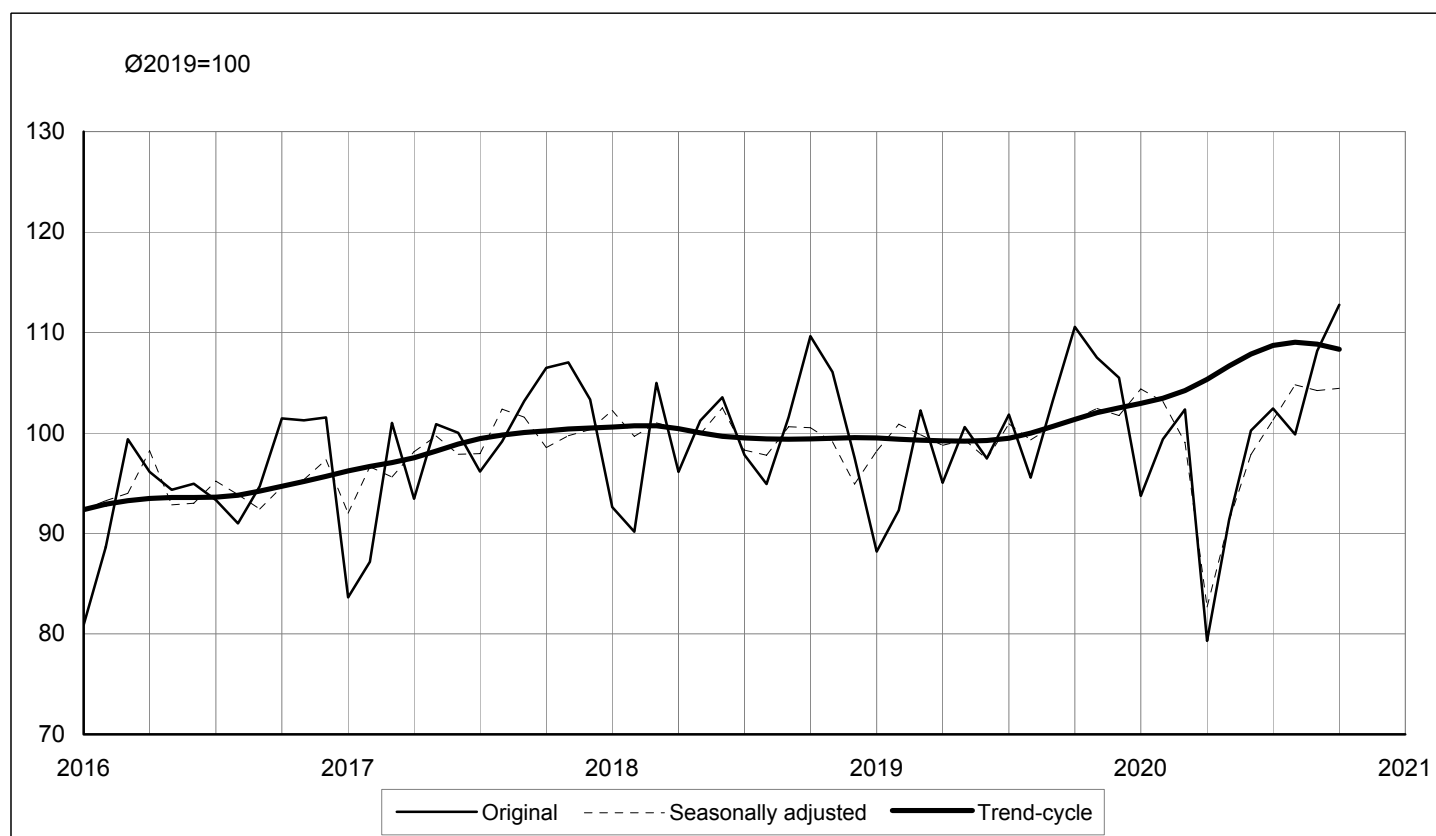
Industry statistics

Industrial production indices, October 2020 - Previous results -

Industrial production in the Republic of Serbia, in October 2020 was greater by 1.9% compared to the same month in 2019 and was greater by 12.7% compared to 2019 average. Industrial production in the period January – October 2020 increased by 0.3% compared to the same period of the last year. Seasonally adjusted index in October 2020 compared to September 2020 shows an increase of the total industry by 0.3% and decrease of the the manufacturing section by 0.5%.

Observed by sections, in October 2020, compared to October 2019, industrial production in the mining and quarrying section increased by 0.6%, while industrial production in manufacturing section was decreased by 0.9%, and the production in the section for electricity, gas, steam and air conditioning supply increased by 18.9%.

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			X 2020	I-X 2020
	IX	X	I-X	X 2019	I-X 2019
Industry total¹⁾	108.2	112.7	99.0	101.9	100.3
Energy	100.7	110.6	100.3	108.1	102.5
Intermediate goods, except energy	108.0	110.1	98.4	97.7	98.4
Capital goods	114.9	111.1	92.9	100.7	94.8
Durable consumer goods	137.6	144.4	104.3	125.5	106.6
Non-durable consumer goods	110.9	115.4	99.7	99.2	101.3
Mining and quarrying	105.3	111.5	101.2	100.6	102.6
Mining of coal and lignite	106.1	106.6	98.3	96.9	99.7
Extraction of crude petroleum and natural gas	94.7	97.2	97.1	96.8	96.7
Mining of metal ores	107.9	136.0	116.9	123.1	120.3
Other mining and quarrying	108.7	108.4	90.0	81.5	90.8
Manufacturing	112.2	114.0	98.7	99.1	99.9
Manufacture of food products	116.3	126.4	101.0	103.2	102.3
Manufacture of beverages	104.1	91.8	95.8	104.8	95.1
Manufacture of tobacco products	110.7	109.1	100.7	86.9	104.9
Manufacture of textiles	111.1	141.7	92.2	122.2	93.6
Manufacture of wearing apparel	110.2	108.4	96.5	94.0	98.1
Manufacture of leather and related products	81.0	86.0	79.3	82.6	79.1
Manufacture of wood and of products of wood and cork, except furniture	117.2	118.8	98.2	102.7	99.0
Manufacture of paper and paper products	97.6	100.5	98.7	92.3	99.4
Printing and reproduction of recorded media	100.6	110.8	92.4	92.6	93.3
Manufacture of coke and refined petroleum products	122.0	123.3	105.7	96.3	110.4
Manufacture of chemicals and chemical products	102.2	111.7	105.2	93.6	105.9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	100.9	100.4	104.7	86.6	108.6
Manufacture of rubber and plastic products	114.8	115.8	95.4	107.5	94.1
Manufacture of other non-metallic mineral products	122.5	121.2	97.4	98.3	95.9
Manufacture of basic metals	82.7	66.3	82.3	61.2	82.4
Manufacture of fabricated metal products, except machinery and equipment	121.5	116.2	102.4	106.9	104.4
Manufacture of computer, electronic and optical products	122.4	145.1	108.3	145.8	118.1
Manufacture of electrical equipment	145.0	149.2	110.2	124.6	111.1
Manufacture of machinery and equipment n.e.c.	104.8	104.8	92.1	101.0	95.5
Manufacture of motor vehicles, trailers and semi-trailers	105.4	105.4	74.2	96.3	71.9
Manufacture of other transport equipment	76.8	72.5	95.2	66.8	93.8
Manufacture of furniture	133.7	143.3	104.9	121.4	108.5
Other manufacturing	121.7	121.1	103.6	92.4	104.0
Repair and installation of machinery and equipment	100.2	103.4	95.2	93.7	96.0
Electricity, gas, steam and air conditioning supply	91.3	107.4	98.9	118.9	100.5
Electricity, gas, steam and air conditioning supply	91.3	107.4	98.9	118.9	100.5

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 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 October 2020/2019 average, for total industrial production stands at 112.5 and for manufacturing 113.7.

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	98.2	100.9	99.8	98.8	99.3	97.4	100.9	99.3	100.7	101.4	102.4	101.7
2020	104.4	103.1	99.1	82.7	91.3	97.9	101.3	104.8	104.2	104.5		
Manufacturing												
2019	99.2	101.8	96.5	98.0	98.3	95.3	102.3	99.2	101.2	103.0	103.6	102.7
2020	106.2	104.4	98.8	79.0	90.5	96.8	101.4	103.9	104.0	103.5		

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			X 2020	I-X 2020
	IX	X	I-X	X 2019	I-X 2019
Industry total	117.7	122.1	101.7	101.1	104.2
Energy	116.3	117.9	103.3	98.3	108.2
Intermediate goods, except energy	119.4	125.2	106.8	107.9	107.8
Capital goods	125.7	118.1	99.3	103.1	100.5
Durable consumer goods	141.9	151.7	116.7	135.8	120.8
Non-durable consumer goods	114.4	123.2	98.1	97.1	100.6
Mining and quarrying	101.2	102.0	97.0	99.5	96.8
Mining of coal and lignite	167.7	144.7	94.3	107.4	98.6
Extraction of crude petroleum and natural gas	94.8	97.4	97.1	96.6	96.7
Other mining and quarrying	124.3	129.1	101.5	176.4	95.3
Manufacturing	118.7	123.1	102.1	100.7	104.5
Manufacture of food products	120.3	136.2	97.2	100.1	99.4
Manufacture of beverages	105.3	89.2	97.9	98.8	96.0
Manufacture of tobacco products	101.9	146.8	93.7	109.6	107.1
Manufacture of textiles	104.9	123.9	90.5	109.5	91.1
Manufacture of wearing apparel	112.0	110.9	89.8	93.0	92.0
Manufacture of leather and related products	76.5	75.9	69.5	68.4	67.5
Manufacture of wood and of products of wood and cork, except furniture	93.0	105.6	85.6	98.4	83.3
Manufacture of paper and paper products	75.2	79.9	87.8	67.9	88.1
Printing and reproduction of recorded media	110.4	115.0	87.6	102.4	87.7
Manufacture of coke and refined petroleum products	121.9	122.6	105.6	96.1	110.3
Manufacture of chemicals and chemical products	118.0	130.6	116.3	104.4	121.0
Manufacture of basic pharmaceutical products and pharmaceutical preparations	102.7	102.5	105.8	87.1	110.1
Manufacture of rubber and plastic products	130.8	130.1	105.7	124.0	103.9
Manufacture of other non-metallic mineral products	124.0	125.9	99.9	101.8	98.8
Manufacture of basic metals	128.1	143.3	106.0	123.0	107.9
Manufacture of fabricated metal products, except machinery and equipment	132.9	103.7	111.7	93.8	117.7
Manufacture of computer, electronic and optical products	11.5	18.4	14.5	227.2	15.7
Manufacture of electrical equipment	151.0	153.4	123.2	119.1	129.0
Manufacture of machinery and equipment n.e.c.	131.0	132.1	105.8	122.7	107.1
Manufacture of motor vehicles, trailers and semi-trailers	98.1	113.0	77.6	100.2	76.2
Manufacture of other transport equipment	68.4	57.5	94.8	56.1	92.6
Manufacture of furniture	157.6	189.7	123.7	151.6	133.4
Other manufacturing	125.5	125.3	106.3	91.3	107.4
Repair and installation of machinery and equipment	127.9	133.6	113.5	106.2	118.1
Electricity, gas, steam and air conditioning supply	87.7	98.4	91.7	133.5	104.7
Electricity, gas, steam and air conditioning supply	87.7	98.4	91.7	133.5	104.7

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