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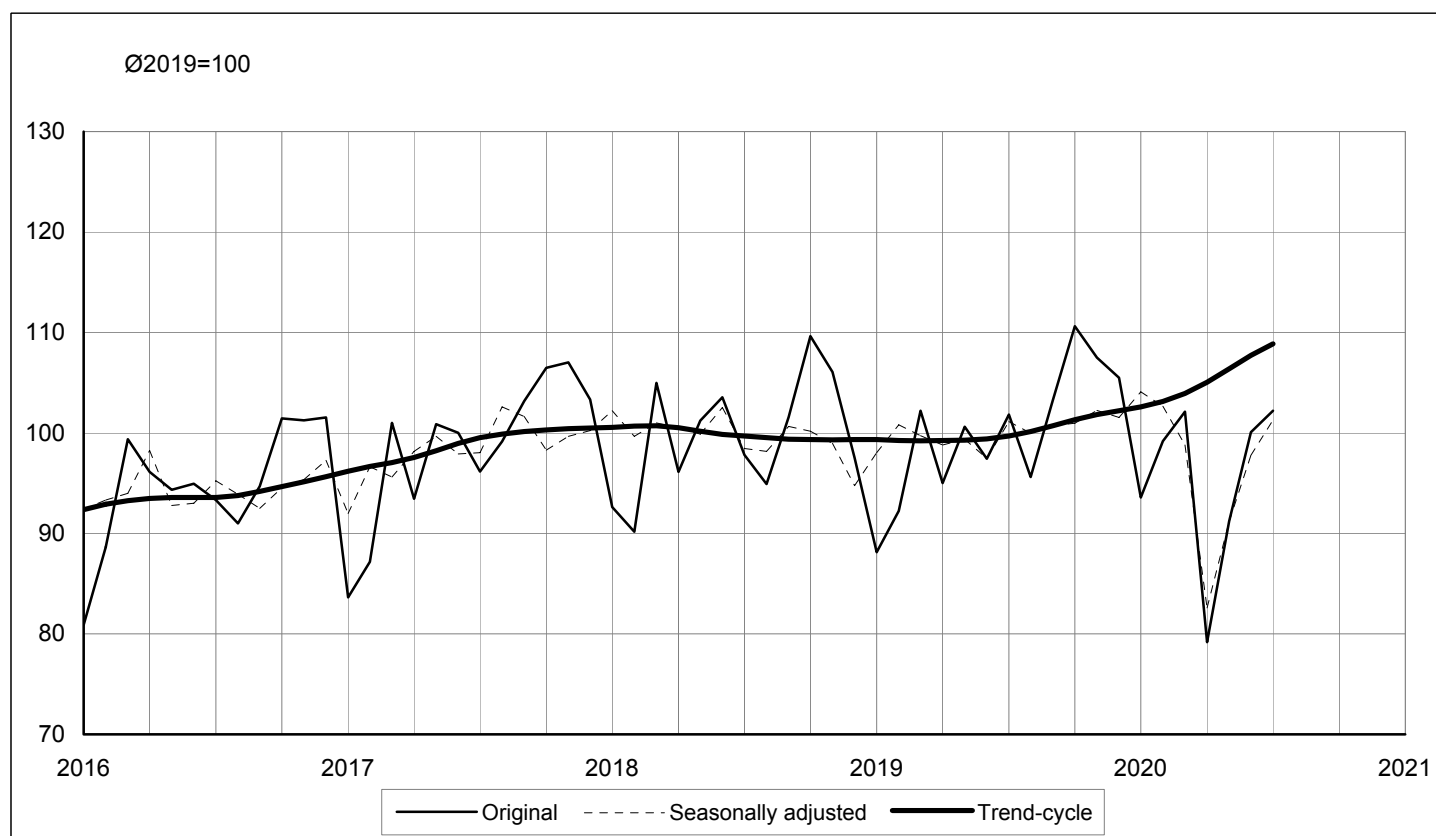
Industry statistics

Industrial production indices, July 2020 - Previous results -

Industrial production in the Republic of Serbia, in July 2020 was greater by 0.4% compared to the same month in 2019 and was greater by 2,2% compared to 2019 average. Industrial production in July 2020 compared to June 2020 was greater by 2.1% for total industry, while the seasonally adjusted index shows an increase of total industrial production by 3.6%. Industrial production in July 2020 compared to June 2020 in the manufacturing section was greater by 1.0%, while the seasonally adjusted index shows an increase of the the manufacturing section by 5.5%.

Observed by sections, in July 2020, compared to July 2019, industrial production in the mining and quarrying section increased by 1.7%, while industrial production in manufacturing section was decreased by 0.8%, and the production in the section for electricity, gas, steam and air conditioning supply increased by 6.3%.

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			VII 2020	I-VII 2020
	VI	VII	I-VII	VII 2019	I-VII 2019
Industry total¹⁾	100.1	102.2	95.4	100.4	98.6
Energy	92.0	97.3	98.7	99.5	101.8
Intermediate goods, except energy	103.6	105.6	94.2	98.4	96.4
Capital goods	94.5	96.3	87.3	101.3	89.4
Durable consumer goods	116.9	128.4	92.5	129.4	99.7
Non-durable consumer goods	104.6	102.8	96.3	100.3	100.6
Mining and quarrying	89.5	98.0	98.3	101.7	103.5
Mining of coal and lignite	77.4	91.4	95.3	98.4	100.0
Extraction of crude petroleum and natural gas	94.9	98.6	97.4	96.7	96.9
Mining of metal ores	116.5	112.8	113.7	115.3	122.0
Other mining and quarrying	105.5	110.7	83.2	99.6	94.1
Manufacturing	104.1	105.1	94.3	99.2	98.7
Manufacture of food products	101.3	99.3	95.7	102.3	101.3
Manufacture of beverages	119.7	123.2	92.9	97.8	93.8
Manufacture of tobacco products	90.4	80.8	103.0	87.0	107.7
Manufacture of textiles	88.5	98.7	85.4	102.1	87.1
Manufacture of wearing apparel	95.7	115.6	91.0	114.8	92.7
Manufacture of leather and related products	87.3	88.6	78.6	86.3	75.6
Manufacture of wood and of products of wood and cork, except furniture	117.7	115.0	89.5	107.7	94.8
Manufacture of paper and paper products	102.7	102.7	99.3	98.2	101.4
Printing and reproduction of recorded media	92.7	90.4	87.5	100.1	92.5
Manufacture of coke and refined petroleum products	115.2	118.0	100.2	89.2	123.2
Manufacture of chemicals and chemical products	113.7	118.4	103.3	103.1	107.9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115.3	102.7	108.2	96.1	112.6
Manufacture of rubber and plastic products	92.3	99.4	87.3	91.0	87.0
Manufacture of other non-metallic mineral products	108.8	115.3	87.6	99.7	93.2
Manufacture of basic metals	86.6	88.3	84.0	85.5	82.7
Manufacture of fabricated metal products, except machinery and equipment	112.3	109.9	95.5	109.6	98.4
Manufacture of computer, electronic and optical products	137.2	121.3	98.8	116.5	115.0
Manufacture of electrical equipment	115.0	122.5	100.9	112.0	105.5
Manufacture of machinery and equipment n.e.c.	102.0	85.1	88.2	94.6	92.5
Manufacture of motor vehicles, trailers and semi-trailers	57.0	77.1	66.9	99.5	62.6
Manufacture of other transport equipment	109.8	107.3	102.9	104.0	101.1
Manufacture of furniture	105.7	125.1	93.1	121.2	102.6
Other manufacturing	116.8	119.8	104.1	102.9	106.3
Repair and installation of machinery and equipment	106.0	100.4	92.4	100.0	95.9
Electricity, gas, steam and air conditioning supply	86.6	90.7	99.1	106.3	95.8
Electricity, gas, steam and air conditioning supply	86.6	90.7	99.1	106.3	95.8

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for July 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 July 2020/2019 average, for total industrial production stands at 102.0 and for manufacturing 104.8.

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	98.0	100.8	99.7	98.8	99.4	97.5	101.1	100.0	100.7	101.0	102.2	101.5
2020	104.1	102.7	98.8	82.6	91.2	97.8	101.3					
Manufacturing												
2019	99.0	101.7	96.4	97.9	98.4	95.5	103.3	99.7	101.2	102.4	103.2	102.3
2020	105.8	103.8	98.4	78.8	90.4	96.9	102.2					

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			VII 2020	I-VII 2020
	VI	VII	I-VII	VII 2019	I-VII 2019
Industry total	106.6	103.6	97.4	99.3	105.2
Energy	110.0	109.7	99.2	91.0	117.0
Intermediate goods, except energy	114.0	113.4	102.3	105.0	106.9
Capital goods	106.2	98.0	93.7	97.1	96.2
Durable consumer goods	103.3	142.3	107.3	143.4	113.2
Non-durable consumer goods	100.6	94.8	94.1	100.1	101.1
Mining and quarrying	96.0	91.0	96.5	94.4	96.5
Mining of coal and lignite	94.1	-	90.1	-	98.7
Extraction of crude petroleum and natural gas	94.9	98.5	97.3	96.5	96.9
Other mining and quarrying	132.7	97.0	90.5	88.2	82.3
Manufacturing	107.5	104.9	97.5	99.1	105.6
Manufacture of food products	93.0	84.4	90.5	101.0	99.8
Manufacture of beverages	126.7	131.5	96.4	104.4	95.0
Manufacture of tobacco products	73.7	82.7	88.7	113.0	100.3
Manufacture of textiles	101.9	95.9	86.3	96.1	87.5
Manufacture of wearing apparel	87.4	108.8	84.5	101.0	87.9
Manufacture of leather and related products	57.9	63.1	71.9	55.6	68.2
Manufacture of wood and of products of wood and cork, except furniture	97.9	96.1	81.4	87.8	80.6
Manufacture of paper and paper products	91.5	80.1	93.4	75.4	94.5
Printing and reproduction of recorded media	89.5	85.1	79.6	94.7	81.0
Manufacture of coke and refined petroleum products	116.0	118.7	100.2	89.3	123.2
Manufacture of chemicals and chemical products	127.0	133.2	112.3	106.2	128.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	115.4	105.4	109.3	99.1	114.6
Manufacture of rubber and plastic products	107.7	110.3	99.0	102.6	97.0
Manufacture of other non-metallic mineral products	114.4	115.9	90.1	102.5	96.6
Manufacture of basic metals	91.9	109.8	95.7	109.1	98.6
Manufacture of fabricated metal products, except machinery and equipment	127.5	117.4	111.0	101.0	116.4
Manufacture of computer, electronic and optical products	10.0	10.0	14.5	2.5	12.0
Manufacture of electrical equipment	130.2	127.6	116.3	116.6	130.4
Manufacture of machinery and equipment n.e.c.	118.8	96.4	96.6	118.1	100.4
Manufacture of motor vehicles, trailers and semi-trailers	75.4	68.7	69.6	83.5	68.2
Manufacture of other transport equipment	113.2	106.3	106.5	103.0	101.2
Manufacture of furniture	81.0	151.0	106.1	154.6	126.2
Other manufacturing	119.5	125.5	107.9	105.5	111.2
Repair and installation of machinery and equipment	135.7	116.6	107.4	128.0	114.3
Electricity, gas, steam and air conditioning supply	77.0	55.3	93.5	126.5	96.5
Electricity, gas, steam and air conditioning supply	77.0	55.3	93.5	126.5	96.5

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