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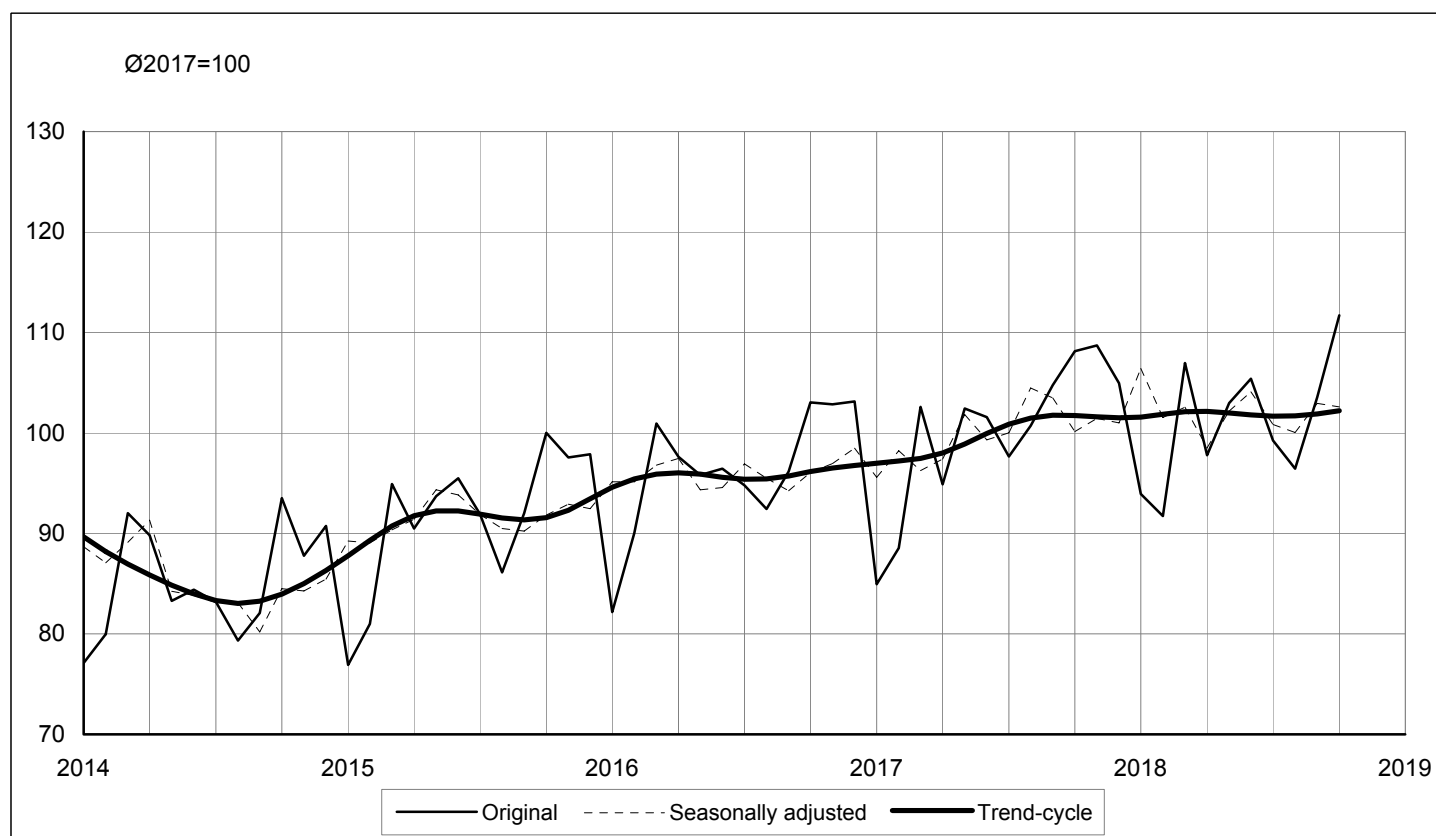
Industry statistics

Industrial production indices, October 2018 - Previous results -

Industrial production in the Republic of Serbia, in October 2018 was by 3.2% greater compared to October 2017. Industrial production for the period January - October 2018, compared to the same period last year was by 2.4% higher.

The Manufacturing section in October 2018 compared to October 2017 was 5.6% higher and for the period January - October 2018, compared to the same period last year was by 2.9% higher.

Industrial production, 2014 - 2018



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, 2018

Republic of Serbia

	Ø2017=100			X 2018	I-X 2018
	IX	X	I-X	X 2017	I-X 2017
Industry total¹⁾	103.6	111.7	101.0	103.2	102.4
Energy	97.2	104.3	100.0	97.4	101.8
Intermediate goods, except energy	105.7	115.1	104.7	111.7	105.3
Capital goods	112.7	111.7	102.4	103.1	102.8
Durable consumer goods	105.8	118.4	102.8	104.1	102.8
Non-durable consumer goods	104.4	114.6	97.3	100.8	99.5
Mining and quarrying	99.3	108.2	94.2	96.0	95.4
Mining of coal and lignite	97.8	107.9	90.9	92.7	92.8
Extraction of crude petroleum and natural gas	96.7	99.7	96.9	98.0	96.5
Mining of metal ores	99.1	110.5	99.7	103.0	99.9
Other mining and quarrying	116.9	119.6	102.0	103.2	102.9
Manufacturing	108.0	115.3	101.7	105.6	102.9
Manufacture of food products	110.0	123.3	96.7	98.0	99.8
Manufacture of beverages	99.4	92.0	103.2	109.7	102.4
Manufacture of tobacco products	82.9	102.9	90.5	96.8	92.7
Manufacture of textiles	82.0	100.9	95.4	88.0	97.8
Manufacture of wearing apparel	100.3	116.6	104.4	113.5	106.0
Manufacture of leather and related products	94.3	113.7	105.9	109.3	108.7
Manufacture of wood and of products of wood and cork, except furniture	105.7	111.8	101.5	101.8	102.4
Manufacture of paper and paper products	106.6	112.8	105.9	104.8	106.6
Printing and reproduction of recorded media	107.7	107.2	101.5	98.8	102.6
Manufacture of coke and refined petroleum products	125.6	120.3	105.1	104.2	106.7
Manufacture of chemicals and chemical products	96.3	109.4	103.0	109.0	103.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	107.0	111.1	95.3	106.5	96.9
Manufacture of rubber and plastic products	106.4	111.6	102.8	102.0	101.7
Manufacture of other non-metallic mineral products	128.1	137.5	109.0	112.8	109.0
Manufacture of basic metals	99.2	122.9	111.3	169.8	114.3
Manufacture of fabricated metal products, except machinery and equipment	106.4	111.0	101.6	106.7	103.6
Manufacture of computer, electronic and optical products	87.9	81.5	83.5	59.6	86.3
Manufacture of electrical equipment	102.3	115.4	96.6	106.7	95.5
Manufacture of machinery and equipment n.e.c.	120.1	112.4	107.6	112.0	108.7
Manufacture of motor vehicles, trailers and semi-trailers	103.7	87.4	102.5	80.5	98.9
Manufacture of other transport equipment	116.1	129.3	115.3	133.3	112.8
Manufacture of furniture	107.2	116.6	105.4	103.1	107.9
Other manufacturing	128.3	183.4	114.1	173.3	119.4
Repair and installation of machinery and equipment	131.8	128.0	118.9	118.4	120.8
Electricity, gas, steam and air conditioning supply	85.5	97.1	100.7	95.7	102.8
Electricity, gas, steam and air conditioning supply	85.5	97.1	100.7	95.7	102.8

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for October 2018. 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 2018/2017 average, for total industrial production stands at 111.3 and for manufacturing 114.7.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2017=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2017	95.6	98.2	96.2	97.4	101.8	99.3	100.0	104.5	103.5	100.2	101.4	101.0
2018	106.4	101.6	102.6	98.5	102.2	104.1	100.9	100.0	103.0	102.6		
Manufacturing												
2017	95.4	98.0	99.1	98.1	100.9	99.0	99.8	103.2	101.9	99.8	101.8	101.4
2018	107.2	102.6	101.9	96.8	102.8	103.7	101.9	102.1	104.4	104.2		

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;

q₁ – quantity produced in the current period;

q₀ – quantity produced in the referent period;

k₀ – 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, 2018

AP Vojvodina

	Ø2017=100			X 2018	I-X 2018
	IX	X	I-X	X 2017	I-X 2017
Industry total	112.0	124.7	100.5	107.1	102.9
Energy	121.5	119.2	103.9	106.2	105.8
Intermediate goods, except energy	102.2	108.3	104.1	101.9	104.0
Capital goods	117.4	143.0	114.6	133.4	116.2
Durable consumer goods	102.6	101.7	109.4	102.6	108.7
Non-durable consumer goods	111.5	133.0	93.1	104.6	97.1
Mining and quarrying	101.2	105.0	97.6	102.9	97.6
Mining of coal and lignite	122.1	147.6	94.1	165.1	97.0
Extraction of crude petroleum and natural gas	96.8	99.6	96.9	97.9	96.5
Other mining and quarrying	213.4	181.3	139.1	112.3	150.9
Manufacturing	112.5	125.1	100.7	106.7	103.0
Manufacture of food products	116.2	146.6	91.2	102.5	96.8
Manufacture of beverages	98.8	92.3	102.3	106.8	100.6
Manufacture of tobacco products	78.5	134.4	68.1	104.8	73.2
Manufacture of textiles	93.1	100.2	101.0	88.8	103.5
Manufacture of wearing apparel	106.1	124.0	100.2	124.9	100.6
Manufacture of leather and related products	142.4	132.5	120.9	120.3	124.4
Manufacture of wood and of products of wood and cork, except furniture	93.0	89.9	97.3	78.9	97.7
Manufacture of paper and paper products	85.2	99.1	87.6	90.0	87.6
Printing and reproduction of recorded media	97.3	112.0	97.6	92.0	97.4
Manufacture of coke and refined petroleum products	126.2	120.4	105.5	104.2	107.0
Manufacture of chemicals and chemical products	85.1	90.2	99.4	94.8	98.4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	108.3	113.3	96.3	108.7	98.1
Manufacture of rubber and plastic products	108.7	113.1	105.3	99.3	104.8
Manufacture of other non-metallic mineral products	121.2	124.9	104.8	99.8	104.2
Manufacture of basic metals	101.7	110.1	97.4	109.6	97.2
Manufacture of fabricated metal products, except machinery and equipment	114.6	136.3	119.7	129.1	121.8
Manufacture of computer, electronic and optical products	35.9	41.7	62.2	86.2	57.3
Manufacture of electrical equipment	90.4	96.3	94.4	96.8	94.5
Manufacture of machinery and equipment n.e.c.	105.0	116.5	107.8	112.5	108.0
Manufacture of motor vehicles, trailers and semi-trailers	127.5	133.2	144.5	122.7	147.8
Manufacture of other transport equipment	148.6	175.4	143.8	182.5	138.5
Manufacture of furniture	115.9	100.7	107.9	91.2	109.2
Other manufacturing	128.3	184.5	112.8	169.6	119.0
Repair and installation of machinery and equipment	131.7	138.5	120.3	129.1	119.9
Electricity, gas, steam and air conditioning supply	76.4	162.8	86.8	282.6	115.6
Electricity, gas, steam and air conditioning supply	76.4	162.8	86.8	282.6	115.6

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