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Industry statistics

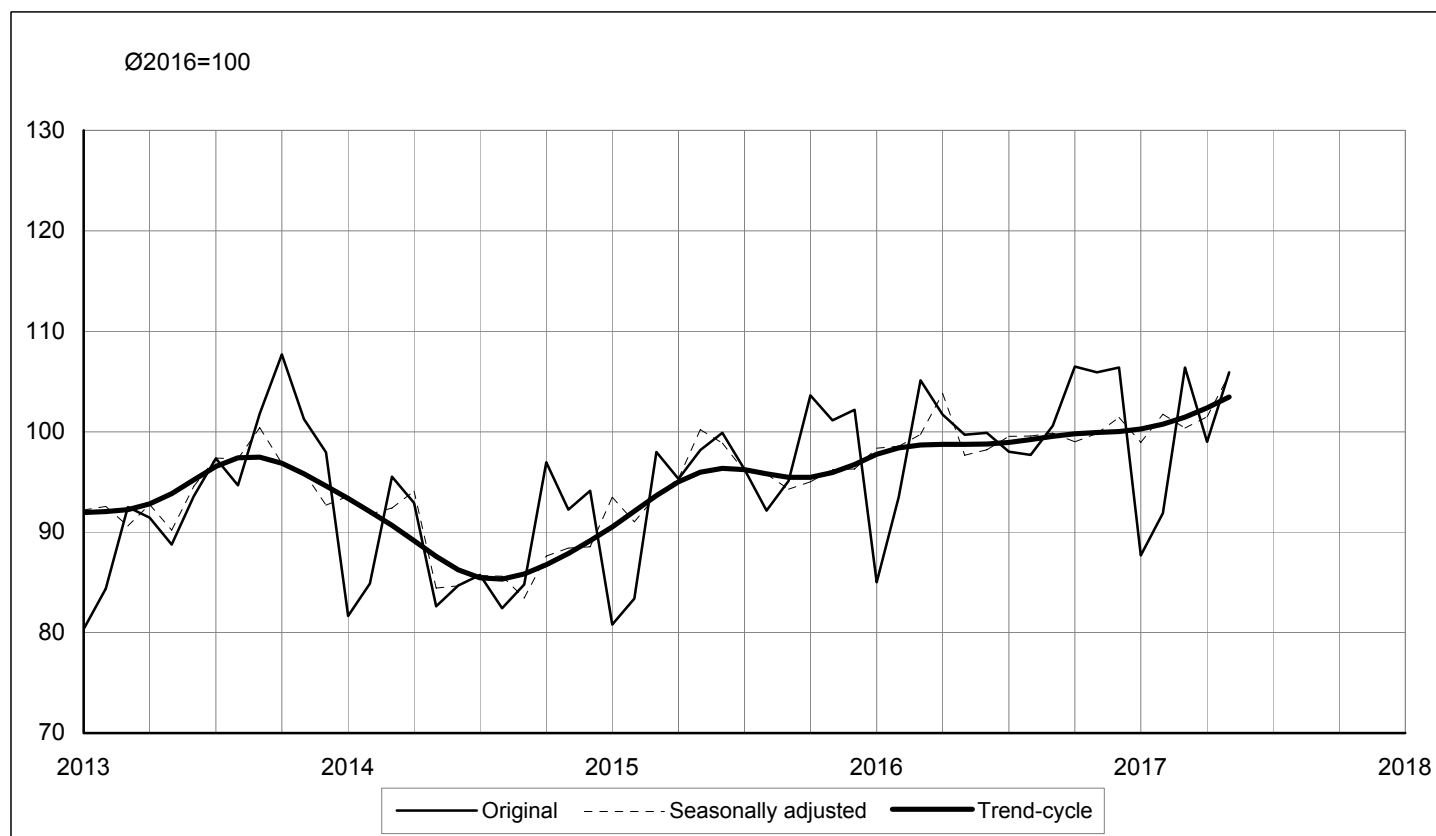
Industrial production indices, May 2017 - Previous results -

Industrial production in the Republic of Serbia, in May 2017 was by 6.2% greater compared to May 2016 and was by 5.9% greater compared to 2016 average. Industrial production for January - May 2017, compared to the same period last year was by 1.2% greater.

The seasonal adjustment of the industrial production index for May 2017, compared to April 2017, indicates 4.1% growth of the overall industrial production and 3.3% growth of manufacturing.

Observed by sections, May 2017, compared to May 2016, in the mining and quarrying section increased by 10.0%, while the production in the manufacturing section increased by 9.2%, while the production in the section for electricity, gas, steam and air conditioning supply saw a 6.3% fall.

Industrial production, 2013 - 2017



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, 2017

Republic of Serbia

	Ø2016=100			V 2017	I-V 2017
	IV	V	I-V	V 2016	I-V 2016
Industry total¹⁾	99.0	105.9	98.2	106.2	101.2
Energy	88.4	92.6	95.6	96.5	89.5
Intermediate goods, except energy	110.7	117.9	102.9	110.9	109.6
Capital goods	107.5	112.8	108.9	109.0	109.9
Durable consumer goods	96.5	113.6	93.6	120.3	112.5
Non-durable consumer goods	96.8	105.7	93.7	109.3	103.9
Mining and quarrying	94.1	97.9	94.9	110.0	97.0
Mining of coal and lignite	90.3	92.0	95.9	117.3	96.0
Extraction of crude petroleum and natural gas	94.8	98.2	94.5	94.2	91.7
Mining of metal ores	97.7	103.5	96.1	98.9	99.2
Other mining and quarrying	110.4	125.0	84.6	119.8	106.4
Manufacturing	103.2	111.8	99.3	109.2	106.3
Manufacture of food products	93.2	98.5	91.1	105.7	103.8
Manufacture of beverages	116.3	116.3	93.8	107.8	104.0
Manufacture of tobacco products	99.2	126.3	104.0	123.9	112.6
Manufacture of textiles	105.2	100.1	96.6	93.8	105.0
Manufacture of wearing apparel	99.5	115.8	105.1	109.7	102.6
Manufacture of leather and related products	89.8	100.3	100.8	100.1	95.2
Manufacture of wood and of products of wood and cork, except furniture	99.6	115.7	99.8	114.9	103.6
Manufacture of paper and paper products	101.6	113.3	104.1	109.9	108.2
Printing and reproduction of recorded media	86.5	95.0	80.2	121.5	83.8
Manufacture of coke and refined petroleum products	94.9	108.8	95.9	93.6	92.3
Manufacture of chemicals and chemical products	125.7	131.2	110.1	127.1	113.4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	101.2	122.5	105.9	111.6	110.5
Manufacture of rubber and plastic products	110.4	119.2	107.0	110.7	111.1
Manufacture of other non-metallic mineral products	110.6	114.9	86.3	102.0	103.5
Manufacture of basic metals	122.9	119.1	110.6	112.9	126.4
Manufacture of fabricated metal products, except machinery and equipment	101.5	118.9	102.1	116.9	110.0
Manufacture of computer, electronic and optical products	93.3	93.8	93.2	102.7	105.9
Manufacture of electrical equipment	105.1	114.9	101.2	108.9	108.5
Manufacture of machinery and equipment n.e.c.	139.6	139.9	133.9	144.2	140.7
Manufacture of motor vehicles, trailers and semi-trailers	107.3	105.3	110.2	90.1	99.1
Manufacture of other transport equipment	50.5	73.2	89.5	74.8	99.9
Manufacture of furniture	100.4	120.1	97.0	130.5	118.4
Other manufacturing	74.1	80.5	75.6	103.5	93.0
Repair and installation of machinery and equipment	64.8	72.7	70.9	72.6	71.0
Electricity, gas, steam and air conditioning supply	86.1	88.4	95.5	93.7	87.5
Electricity, gas, steam and air conditioning supply	86.1	88.4	95.5	93.7	87.5

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for May 2017. 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 2017/2016 average, for total industrial production stands at 104.8 and for manufacturing 110.2.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2016=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2016	98.4	98.5	99.7	103.8	97.7	98.2	99.5	99.6	99.8	99.0	99.8	101.4
2017	98.9	101.7	100.4	101.5	105.7							
Manufacturing												
2016	97.3	97.4	97.8	104.4	97.5	99.6	100.8	98.5	98.3	99.3	100.7	103.0
2017	102.4	105.8	107.4	105.3	108.8							

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://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=69>. Time series of Industrial Production Indices are available on the SORS website, in the database <http://webrzs.stat.gov.rs/WebSite/public/ReportView.aspx>.

3. Industrial production indices, by sectors, MIGs and divisions, 2017

AP Vojvodina

	Ø2016=100			V 2017 V 2016	I-V 2017 I-V 2016
	IV	V	I-V		
Industry total	99.1	109.5	98.4	107.1	105.8
Energy	94.1	106.7	97.5	93.8	94.3
Intermediate goods, except energy	105.8	115.9	101.0	109.1	106.5
Capital goods	122.6	133.2	123.9	128.9	127.9
Durable consumer goods	123.9	148.1	121.3	128.6	123.3
Non-durable consumer goods	92.3	101.7	91.8	106.9	105.4
Mining and quarrying	94.2	102.1	93.7	98.3	92.9
Mining of coal and lignite	91.1	135.7	102.4	129.1	121.3
Extraction of crude petroleum and natural gas	93.6	97.0	94.0	93.0	91.4
Other mining and quarrying	112.2	156.1	71.6	165.7	83.1
Manufacturing	99.3	109.8	98.1	107.2	105.6
Manufacture of food products	86.8	93.3	87.5	104.8	104.5
Manufacture of beverages	120.3	114.8	90.9	104.7	98.7
Manufacture of tobacco products	96.9	122.3	104.8	137.0	141.6
Manufacture of textiles	110.5	126.3	107.4	118.7	109.5
Manufacture of wearing apparel	101.4	113.2	105.5	106.8	102.7
Manufacture of leather and related products	81.8	113.3	102.0	94.5	91.7
Manufacture of wood and of products of wood and cork, except furniture	97.7	107.8	78.1	107.1	88.6
Manufacture of paper and paper products	85.5	93.0	91.7	90.9	92.2
Printing and reproduction of recorded media	109.2	99.4	97.6	113.1	96.3
Manufacture of coke and refined petroleum products	94.6	108.4	95.6	92.7	91.6
Manufacture of chemicals and chemical products	111.0	123.3	111.7	120.3	104.4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	101.4	122.7	105.8	107.7	110.4
Manufacture of rubber and plastic products	110.9	122.4	108.4	114.3	116.7
Manufacture of other non-metallic mineral products	109.9	119.5	87.1	99.2	108.3
Manufacture of basic metals	104.4	122.2	100.6	105.7	102.7
Manufacture of fabricated metal products, except machinery and equipment	98.1	116.5	99.2	116.5	109.7
Manufacture of computer, electronic and optical products	133.7	93.9	111.8	94.0	122.1
Manufacture of electrical equipment	91.0	93.6	89.1	94.6	96.6
Manufacture of machinery and equipment n.e.c.	154.6	165.3	154.7	163.3	169.6
Manufacture of motor vehicles, trailers and semi-trailers	109.8	107.8	111.7	100.7	102.1
Manufacture of other transport equipment	73.2	104.6	96.5	82.2	95.8
Manufacture of furniture	88.4	112.0	93.8	110.9	106.2
Other manufacturing	85.7	92.9	84.9	119.6	98.7
Repair and installation of machinery and equipment	58.2	71.2	66.5	69.1	60.8
Electricity, gas, steam and air conditioning supply	81.1	82.3	170.0	158.0	215.2
Electricity, gas, steam and air conditioning supply	81.1	82.3	170.0	158.0	215.2

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