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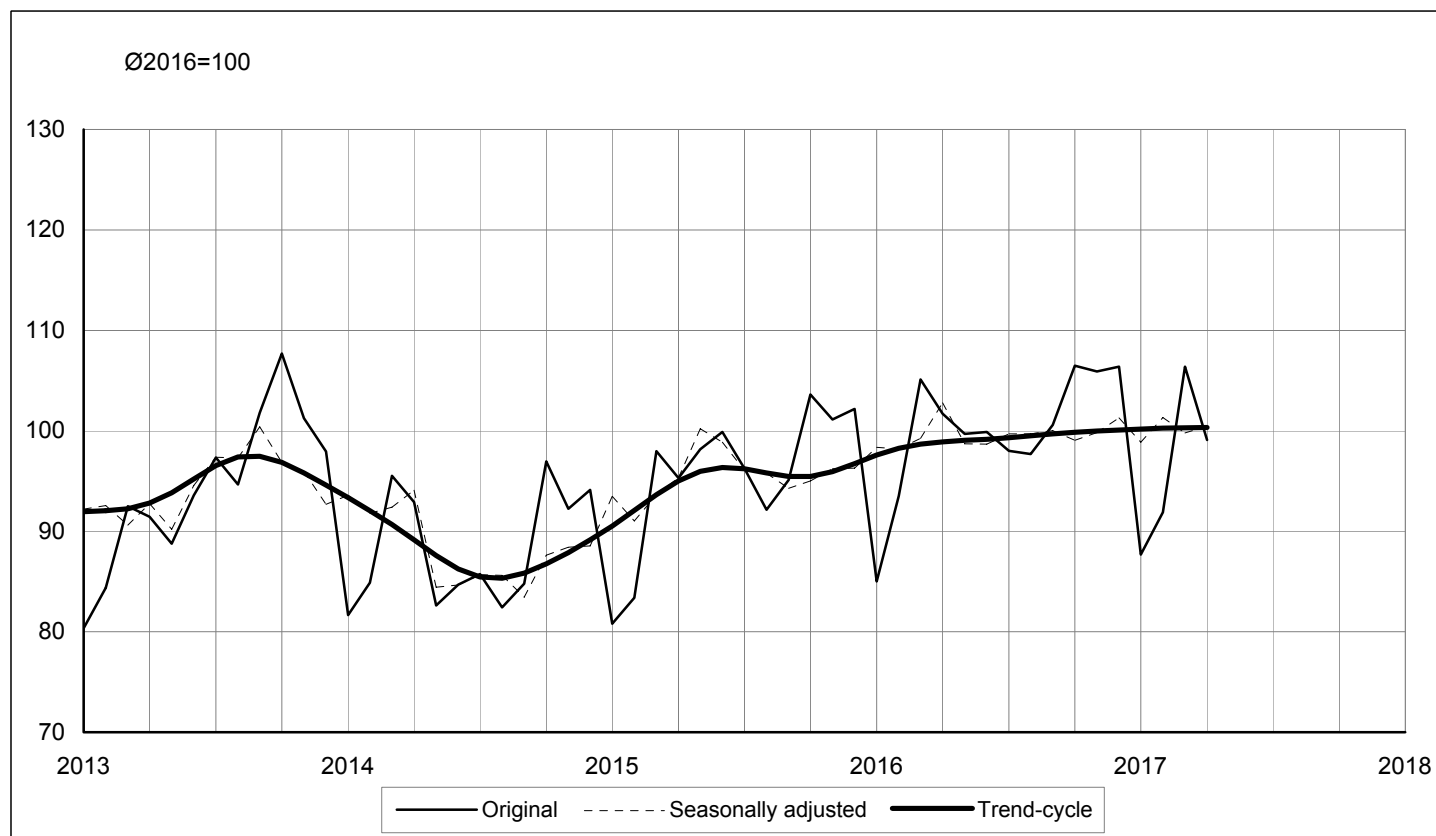
Industry statistics

Industrial production indices, April 2017 - Previous results -

Industrial production in the Republic of Serbia, in April 2017 was by 2.6% lower compared to April 2016 and was by 0.9% lower compared to 2016 average. Industrial production for January - April 2017, compared to the same period last year was by 0.1% lower.

Observed by sections, April 2017, compared to April 2016, in the mining and quarrying section saw a 4.9% fall, while the production in the manufacturing section was on the same level, while the production in the section for electricity, gas, steam and air conditioning supply saw a 11.4% 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			IV 2017	I-IV 2017
	III	IV	I-IV	IV 2016	I-IV 2016
Industry total¹⁾	106.4	99.1	96.2	97.4	99.9
Energy	93.6	88.4	96.4	88.0	88.0
Intermediate goods, except energy	117.7	110.7	99.1	105.7	109.1
Capital goods	130.0	107.5	108.0	102.3	110.2
Durable consumer goods	106.6	96.4	88.5	109.5	109.8
Non-durable consumer goods	102.4	97.0	90.7	96.6	102.4
Mining and quarrying	92.1	94.1	94.1	95.1	94.1
Mining of coal and lignite	87.1	90.3	96.8	94.3	91.9
Extraction of crude petroleum and natural gas	96.3	94.8	93.5	94.2	91.0
Mining of metal ores	97.3	97.7	94.2	95.5	99.3
Other mining and quarrying	109.4	110.4	74.5	100.0	101.6
Manufacturing	111.9	103.3	96.1	100.0	105.4
Manufacture of food products	100.8	93.2	89.3	96.7	103.2
Manufacture of beverages	106.5	117.4	88.3	101.1	102.9
Manufacture of tobacco products	110.1	99.2	98.4	99.2	109.3
Manufacture of textiles	95.7	105.2	95.7	96.3	108.4
Manufacture of wearing apparel	119.3	99.3	102.1	92.4	100.5
Manufacture of leather and related products	126.0	89.8	101.0	89.3	94.1
Manufacture of wood and of products of wood and cork, except furniture	108.3	99.6	95.8	89.9	100.6
Manufacture of paper and paper products	118.8	101.6	101.8	100.9	107.8
Printing and reproduction of recorded media	80.7	86.3	76.5	77.0	76.4
Manufacture of coke and refined petroleum products	103.4	94.9	92.7	81.3	91.9
Manufacture of chemicals and chemical products	132.6	126.1	104.9	122.3	109.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	108.9	101.2	101.8	103.7	110.2
Manufacture of rubber and plastic products	119.3	110.4	104.0	104.6	111.2
Manufacture of other non-metallic mineral products	109.5	110.6	79.2	93.7	104.1
Manufacture of basic metals	126.6	122.9	108.5	135.4	130.7
Manufacture of fabricated metal products, except machinery and equipment	119.6	101.3	97.8	99.5	108.1
Manufacture of computer, electronic and optical products	116.8	93.3	93.0	110.8	106.7
Manufacture of electrical equipment	111.7	105.1	97.7	106.1	108.2
Manufacture of machinery and equipment n.e.c.	151.9	139.6	132.4	140.4	139.7
Manufacture of motor vehicles, trailers and semi-trailers	135.7	107.3	111.5	87.0	101.5
Manufacture of other transport equipment	98.3	50.5	93.6	93.7	106.8
Manufacture of furniture	109.8	100.2	91.1	110.8	114.3
Other manufacturing	88.4	74.1	74.3	93.7	90.4
Repair and installation of machinery and equipment	80.6	64.8	70.4	65.4	70.5
Electricity, gas, steam and air conditioning supply	92.4	86.1	97.3	88.6	86.2
Electricity, gas, steam and air conditioning supply	92.4	86.1	97.3	88.6	86.2

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 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 April 2017/2016 average, for total industrial production stands at 98.1 and for manufacturing 102.0.

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	98.3	98.2	99.2	102.8	98.7	98.7	99.7	99.7	100.0	99.0	99.8	101.3
2017	98.9	101.3	99.8	100.5								
Manufacturing												
2016	97.3	97.3	97.7	103.7	98.3	99.7	100.8	98.6	98.3	99.3	100.7	102.8
2017	102.3	105.6	107.1	104.6								

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://webzrs.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://webzrs.stat.gov.rs/WebSite/public/ReportView.aspx>.

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

AP Vojvodina

	Ø2016=100			IV 2017	I-IV 2017
	III	IV	I-IV	IV 2016	I-IV 2016
Industry total	108.4	99.0	95.5	98.2	105.2
Energy	102.6	94.1	95.2	82.7	94.4
Intermediate goods, except energy	116.1	105.8	97.3	101.8	105.8
Capital goods	148.0	122.6	121.6	121.6	127.6
Durable consumer goods	136.9	123.9	114.6	123.5	121.7
Non-durable consumer goods	98.1	92.1	89.2	98.0	104.7
Mining and quarrying	100.3	94.2	91.6	90.1	91.4
Mining of coal and lignite	162.0	91.1	94.1	64.8	118.7
Extraction of crude petroleum and natural gas	96.2	93.6	93.3	93.1	91.0
Other mining and quarrying	86.6	112.2	50.5	84.8	60.0
Manufacturing	108.7	99.2	95.1	98.2	105.0
Manufacture of food products	95.6	86.8	86.0	95.9	104.4
Manufacture of beverages	99.2	118.1	84.0	96.5	95.7
Manufacture of tobacco products	97.9	96.9	100.4	122.7	143.0
Manufacture of textiles	118.3	110.5	102.7	109.3	107.0
Manufacture of wearing apparel	119.1	101.4	103.6	95.8	101.7
Manufacture of leather and related products	121.7	81.8	99.1	96.1	90.9
Manufacture of wood and of products of wood and cork, except furniture	103.8	97.7	70.6	81.3	83.2
Manufacture of paper and paper products	112.4	85.5	91.4	83.8	92.5
Printing and reproduction of recorded media	116.8	109.2	97.2	82.7	92.9
Manufacture of coke and refined petroleum products	103.5	94.6	92.4	80.5	91.2
Manufacture of chemicals and chemical products	117.3	111.0	108.8	110.3	100.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	105.7	101.4	101.5	105.8	111.2
Manufacture of rubber and plastic products	119.1	111.1	105.0	107.7	117.6
Manufacture of other non-metallic mineral products	117.5	109.9	79.0	95.5	112.2
Manufacture of basic metals	118.2	104.4	95.2	103.5	101.6
Manufacture of fabricated metal products, except machinery and equipment	125.8	98.1	94.9	99.5	107.8
Manufacture of computer, electronic and optical products	134.9	133.7	116.3	192.7	129.9
Manufacture of electrical equipment	94.1	91.0	88.0	86.7	97.1
Manufacture of machinery and equipment n.e.c.	181.2	154.6	152.1	171.8	171.5
Manufacture of motor vehicles, trailers and semi-trailers	140.2	109.8	112.6	91.7	102.4
Manufacture of other transport equipment	130.9	73.2	94.5	118.4	100.5
Manufacture of furniture	98.2	88.4	89.2	91.6	104.7
Other manufacturing	101.1	85.7	82.9	103.9	94.2
Repair and installation of machinery and equipment	78.2	58.2	65.4	57.3	59.0
Electricity, gas, steam and air conditioning supply	81.8	81.1	191.9	197.3	223.9
Electricity, gas, steam and air conditioning supply	81.8	81.1	191.9	197.3	223.9

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