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Industry statistics

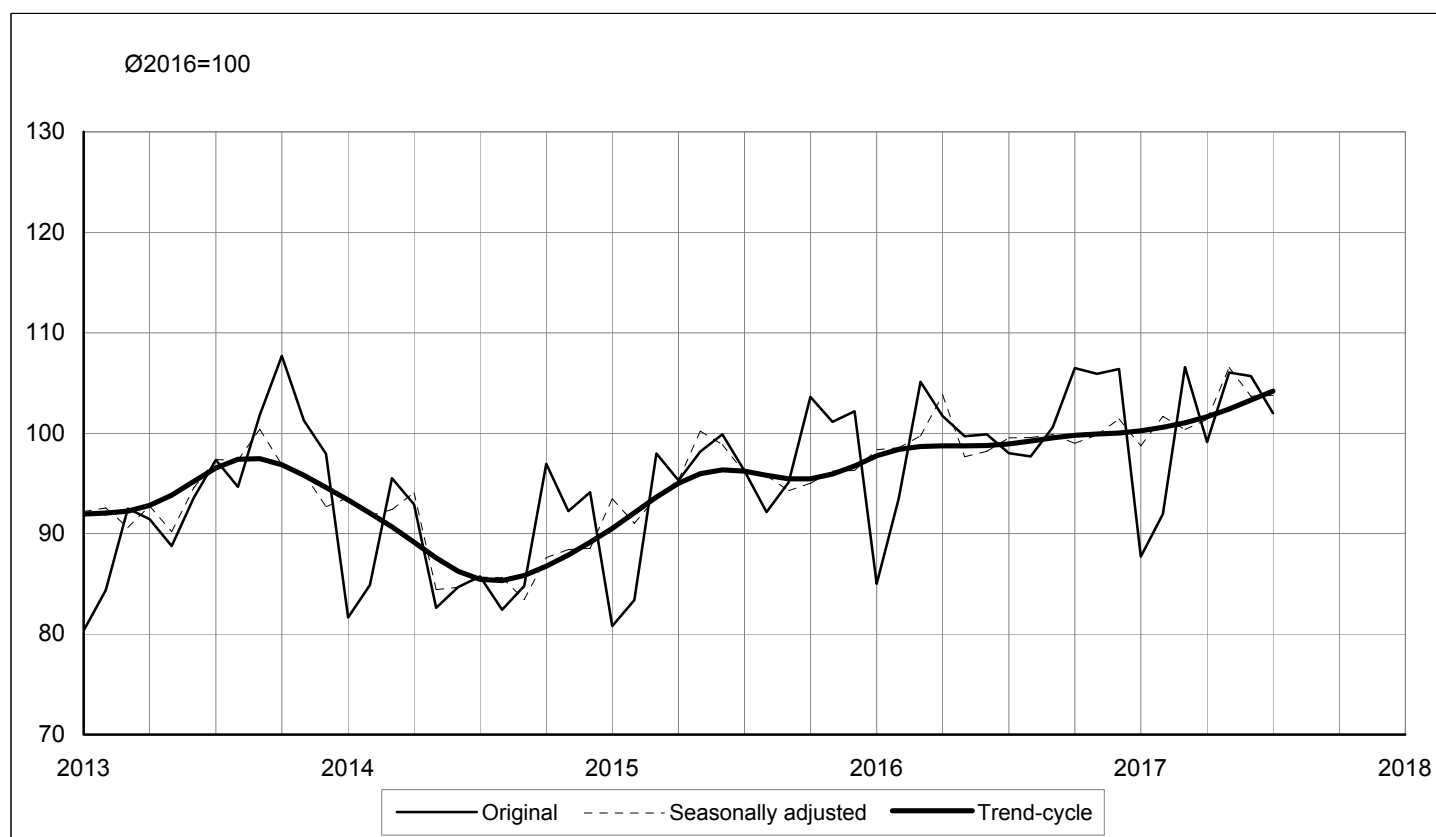
Industrial production indices, July 2017 - Previous results -

Industrial production in the Republic of Serbia, in July 2017 was by 4.2% greater compared to July 2016 and was by 2.0% greater compared to 2016 average. Industrial production for January - July 2017, compared to the same period last year was by 2.5% greater.

Observed by sections, July 2017, compared to July 2016, in the mining and quarrying section increased by 3.2%, while the production in the manufacturing section increased by 4.5%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 3.1%.

Observed by sections, for January - July 2017, compared to the same period last year, in the mining and quarrying section increased by 0.2%, while the production in the manufacturing section increased by 6.1%, while the production in the section for electricity, gas, steam and air conditioning supply decreased by 9.2%.

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			VII 2017 VII 2016	I-VII 2017 I-VII 2016
	VI	VII	I-VII		
Industry total¹⁾	105.7	102.0	99.9	104.2	102.5
Energy	84.8	92.8	93.7	99.5	92.2
Intermediate goods, except energy	121.5	113.5	107.2	111.8	110.4
Capital goods	115.3	101.6	108.8	106.6	109.5
Durable consumer goods	118.1	98.2	97.8	94.2	109.9
Non-durable consumer goods	108.5	101.0	96.9	101.4	103.2
Mining and quarrying	89.5	107.2	95.9	103.2	100.2
Mining of coal and lignite	75.2	108.1	94.7	105.2	100.0
Extraction of crude petroleum and natural gas	93.0	97.0	94.6	96.7	92.7
Mining of metal ores	109.1	105.1	99.2	103.9	101.8
Other mining and quarrying	134.8	118.2	96.6	95.6	106.6
Manufacturing	114.3	106.2	102.5	104.5	106.1
Manufacture of food products	101.5	91.1	92.6	98.3	102.2
Manufacture of beverages	132.3	132.8	104.9	104.5	104.3
Manufacture of tobacco products	128.0	107.6	107.9	107.4	112.9
Manufacture of textiles	138.9	124.8	106.7	145.6	113.8
Manufacture of wearing apparel	101.8	99.4	103.8	103.1	101.5
Manufacture of leather and related products	111.8	89.0	100.7	81.4	94.6
Manufacture of wood and of products of wood and cork, except furniture	121.4	118.7	105.6	135.2	111.3
Manufacture of paper and paper products	116.6	118.8	108.0	124.0	111.0
Printing and reproduction of recorded media	81.2	71.7	79.2	88.8	84.0
Manufacture of coke and refined petroleum products	104.6	107.3	98.8	86.4	91.7
Manufacture of chemicals and chemical products	131.3	112.7	114.0	112.6	112.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	109.7	106.3	106.7	101.9	108.9
Manufacture of rubber and plastic products	127.6	113.6	111.5	108.4	112.1
Manufacture of other non-metallic mineral products	125.9	110.0	95.4	97.6	102.8
Manufacture of basic metals	111.3	117.5	111.7	107.7	120.2
Manufacture of fabricated metal products, except machinery and equipment	123.0	116.2	107.1	121.4	112.3
Manufacture of computer, electronic and optical products	88.7	76.6	90.2	95.2	102.5
Manufacture of electrical equipment	131.5	127.6	109.3	121.6	113.1
Manufacture of machinery and equipment n.e.c.	150.9	139.4	137.1	127.4	140.5
Manufacture of motor vehicles, trailers and semi-trailers	101.0	70.5	103.2	82.6	96.4
Manufacture of other transport equipment	83.7	73.3	86.4	110.7	102.2
Manufacture of furniture	118.9	118.0	103.2	113.0	117.8
Other manufacturing	88.8	82.2	78.3	96.8	93.4
Repair and installation of machinery and equipment	78.8	83.4	74.1	84.1	73.8
Electricity, gas, steam and air conditioning supply	81.5	85.7	92.2	103.1	90.8
Electricity, gas, steam and air conditioning supply	81.5	85.7	92.2	103.1	90.8

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 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 July 2017/2016 average, for total industrial production stands at 102.0 and for manufacturing 106.2.

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	98.3	98.4	99.6	103.6	98.2	98.2	99.5	99.6	99.9	99.0	99.8	101.3
2017	98.7	101.7	100.4	101.4	106.6	103.7	103.8					
Manufacturing												
2016	97.4	97.4	97.7	104.2	96.7	99.7	101.0	98.7	98.4	99.4	100.7	103.1
2017	102.4	105.8	107.4	105.2	108.2	105.8	105.6					

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			VII 2017	I-VII 2017
	VI	VII	I-VII	VII 2016	I-VII 2016
Industry total	110.0	104.4	100.9	105.3	105.9
Energy	103.2	105.1	99.5	88.1	93.6
Intermediate goods, except energy	120.3	114.0	105.6	112.6	108.3
Capital goods	144.8	148.0	130.4	142.4	131.9
Durable consumer goods	137.9	112.2	122.4	121.6	121.5
Non-durable consumer goods	99.6	89.7	92.6	100.8	103.9
Mining and quarrying	87.6	91.8	92.5	91.7	92.7
Mining of coal and lignite	50.3	19.1	83.1	29.2	109.1
Extraction of crude petroleum and natural gas	92.0	96.1	94.0	95.7	92.2
Other mining and quarrying	54.3	120.3	76.1	78.6	82.0
Manufacturing	110.7	104.8	100.9	105.5	105.8
Manufacture of food products	92.7	79.2	87.0	103.0	103.3
Manufacture of beverages	122.4	129.9	100.9	98.5	97.7
Manufacture of tobacco products	105.3	50.5	97.1	52.0	117.7
Manufacture of textiles	112.5	84.0	104.8	95.1	106.5
Manufacture of wearing apparel	99.3	104.5	104.5	104.9	101.4
Manufacture of leather and related products	134.5	111.6	108.0	96.5	96.1
Manufacture of wood and of products of wood and cork, except furniture	107.4	114.5	87.7	106.3	93.3
Manufacture of paper and paper products	120.6	130.5	101.4	174.2	104.9
Printing and reproduction of recorded media	113.7	106.2	101.1	122.4	102.3
Manufacture of coke and refined petroleum products	106.1	108.0	98.9	86.7	91.4
Manufacture of chemicals and chemical products	131.7	127.1	116.8	124.4	111.8
Manufacture of basic pharmaceutical products and pharmaceutical preparations	110.4	108.1	106.9	104.8	109.5
Manufacture of rubber and plastic products	131.3	114.5	112.7	102.8	116.2
Manufacture of other non-metallic mineral products	122.6	121.9	97.1	98.9	105.1
Manufacture of basic metals	125.4	107.2	105.1	98.3	102.9
Manufacture of fabricated metal products, except machinery and equipment	125.9	145.0	109.5	153.3	115.8
Manufacture of computer, electronic and optical products	77.1	78.7	102.1	120.7	110.6
Manufacture of electrical equipment	102.9	101.6	93.4	103.5	97.5
Manufacture of machinery and equipment n.e.c.	180.9	167.6	160.3	165.8	170.4
Manufacture of motor vehicles, trailers and semi-trailers	103.4	96.2	108.3	99.2	101.0
Manufacture of other transport equipment	144.4	119.9	106.7	130.2	104.8
Manufacture of furniture	103.3	94.9	95.3	96.5	102.0
Other manufacturing	103.8	98.4	89.5	105.9	105.7
Repair and installation of machinery and equipment	70.8	67.0	67.2	75.6	61.5
Electricity, gas, steam and air conditioning supply	71.6	73.9	145.2	163.5	203.9
Electricity, gas, steam and air conditioning supply	71.6	73.9	145.2	163.5	203.9

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