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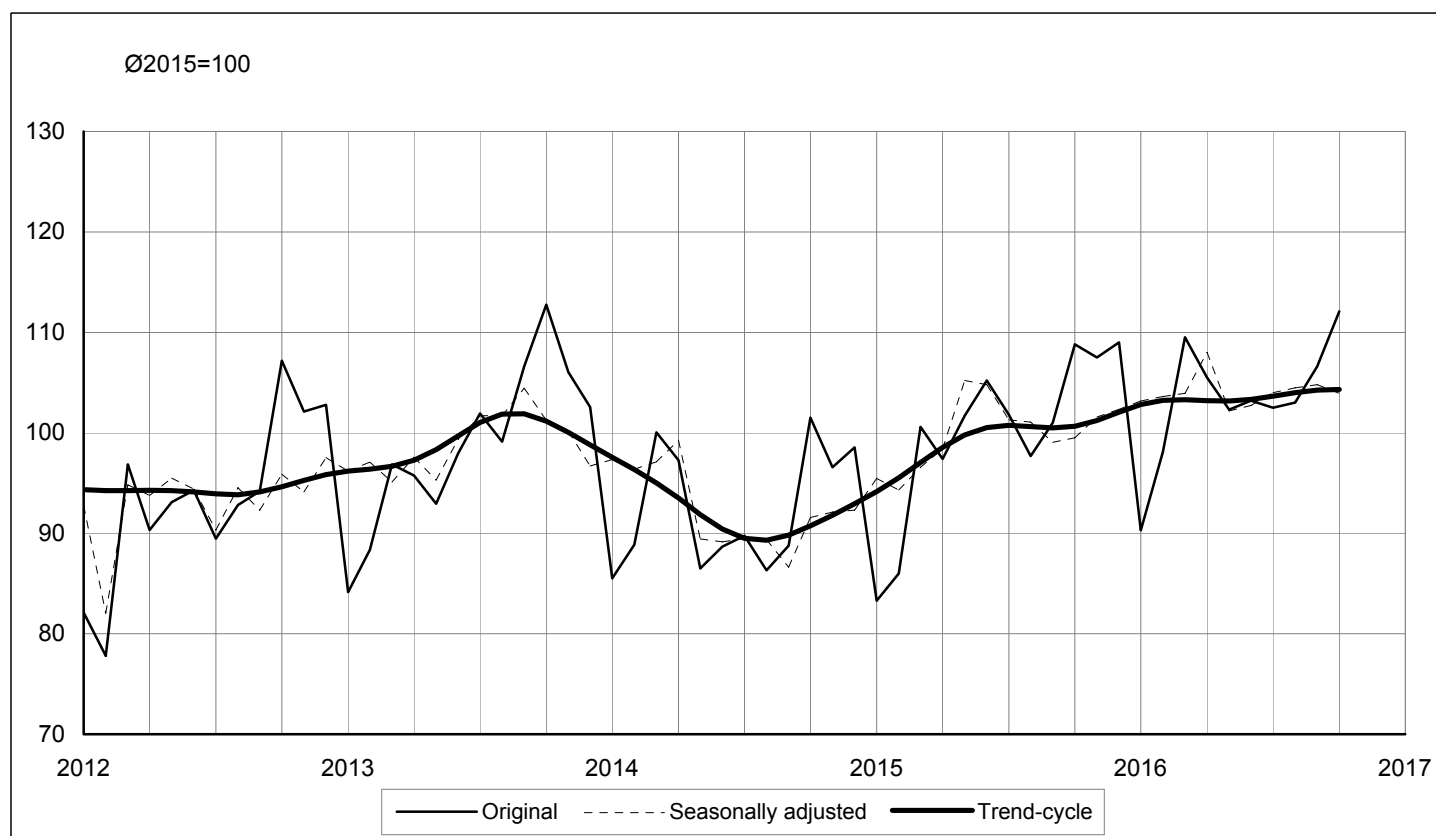
Industry statistics

Industrial production indices in the Republic of Serbia, October 2016 - Previous results -

Industrial production in the Republic of Serbia, in October 2016 was by 3.2% greater compared to October 2015 and was by 12.1% greater compared to 2015 average. Industrial production for January - October 2016, compared to the same period last year was by 5.2% greater.

Observed by sections, October 2016, compared to October 2015, in the mining and quarrying section increased by 4.1%, while the production in the manufacturing section increased by 2.9%, while the production in the section for electricity, gas, steam and air conditioning supply increased by 4.1%.

Industrial production, 2012 - 2016



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, 2016

Republic of Serbia

	Ø2015=100			X 2016	I-X 2016
	IX	X	I-X	X 2015	I-X 2015
Industry total¹⁾	106.6	112.1	103.4	103.2	105.2
Energy	83.2	108.3	99.7	103.1	103.2
Intermediate goods, except energy	118.1	115.1	109.2	104.5	109.5
Capital goods	110.6	102.4	99.2	94.8	100.1
Durable consumer goods	139.6	137.7	108.2	107.6	110.2
Non-durable consumer goods	116.4	113.4	102.7	103.8	104.1
Mining and quarrying	109.4	112.7	102.9	104.1	105.3
Mining of coal and lignite	105.5	109.4	99.7	99.7	103.6
Extraction of crude petroleum and natural gas	87.6	90.1	93.1	90.7	92.5
Mining of metal ores	121.5	125.2	114.4	126.2	114.2
Other mining and quarrying	136.2	135.3	109.6	100.7	110.4
Manufacturing	109.6	113.7	104.3	102.9	105.2
Manufacture of food products	126.0	125.5	102.5	104.9	104.6
Manufacture of beverages	101.3	80.1	100.8	96.5	100.1
Manufacture of tobacco products	126.4	142.4	119.8	100.6	125.8
Manufacture of textiles	105.3	99.6	82.0	131.6	79.2
Manufacture of wearing apparel	113.8	106.4	107.6	89.7	108.7
Manufacture of leather and related products	85.5	92.1	96.2	93.2	97.9
Manufacture of wood and of products of wood and cork, except furniture	107.6	104.2	96.9	86.3	98.3
Manufacture of paper and paper products	104.9	105.5	98.6	102.0	98.2
Printing and reproduction of recorded media	117.5	137.3	115.2	133.0	119.6
Manufacture of coke and refined petroleum products	18.6	117.4	98.7	104.4	99.7
Manufacture of chemicals and chemical products	127.5	113.1	119.8	111.8	119.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	105.2	98.0	100.8	99.6	99.7
Manufacture of rubber and plastic products	116.5	114.3	111.1	103.5	110.7
Manufacture of other non-metallic mineral products	124.7	125.0	106.9	105.5	107.4
Manufacture of basic metals	117.2	114.6	105.9	108.2	105.3
Manufacture of fabricated metal products, except machinery and equipment	117.1	115.8	107.1	100.8	109.7
Manufacture of computer, electronic and optical products	108.3	105.5	101.3	78.0	109.2
Manufacture of electrical equipment	124.1	123.7	109.2	101.3	111.0
Manufacture of machinery and equipment n.e.c.	115.5	108.3	96.0	103.0	95.1
Manufacture of motor vehicles, trailers and semi-trailers	98.4	83.1	94.3	91.1	91.9
Manufacture of other transport equipment	188.0	193.1	137.7	221.4	142.4
Manufacture of furniture	134.7	132.7	107.9	107.5	112.9
Other manufacturing	129.0	129.0	106.2	95.2	114.1
Repair and installation of machinery and equipment	103.7	100.0	103.0	92.7	105.6
Electricity, gas, steam and air conditioning supply	95.2	106.4	100.2	104.1	104.5
Electricity, gas, steam and air conditioning supply	95.2	106.4	100.2	104.1	104.5

¹⁾ The estimate of the industrial production of small-sized enterprises that are not covered by regular statistical surveys of industry was made for October 2016. 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 2016/2015 average, for total industrial production stands at 111.5 and for manufacturing 112.9.

2. Seasonally adjusted industrial production indices

Republic of Serbia

Ø2015=100

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Industry total												
2015	95.5	94.3	96.6	98.4	105.2	104.8	101.3	101.1	99.1	99.5	101.6	102.3
2016	103.2	103.6	103.9	108.0	102.2	102.7	104.0	104.5	104.8	103.9		
Manufacturing												
2015	100.5	97.6	100.2	97.6	104.9	100.8	98.9	101.5	99.4	99.3	100.7	98.9
2016	102.4	103.6	104.7	110.1	103.2	104.9	106.5	103.7	103.3	103.6		

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://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, 2016

AP Vojvodina

	Ø2015=100			X 2016	I-X 2016
	IX	X	I-X	X 2015	I-X 2015
Industry total	105.7	119.7	103.1	106.5	104.5
Energy	28.9	115.3	98.9	105.1	99.9
Intermediate goods, except energy	118.5	113.1	109.0	107.7	109.3
Capital goods	120.9	112.1	102.8	97.3	103.7
Durable consumer goods	91.9	99.8	96.7	85.9	95.4
Non-durable consumer goods	125.8	125.7	101.7	108.4	103.9
Mining and quarrying	93.6	94.8	94.5	94.1	94.4
Mining of coal and lignite	179.4	112.2	99.8	86.5	105.1
Extraction of crude petroleum and natural gas	88.4	90.8	93.7	91.3	93.1
Other mining and quarrying	79.9	164.1	104.3	197.2	109.8
Manufacturing	105.5	120.0	103.0	106.5	104.4
Manufacture of food products	142.8	146.4	102.3	111.6	105.9
Manufacture of beverages	91.7	75.7	97.5	89.8	96.6
Manufacture of tobacco products	126.4	154.4	108.9	94.1	117.6
Manufacture of textiles	128.2	132.7	124.1	123.6	125.1
Manufacture of wearing apparel	117.5	117.2	113.6	99.3	116.2
Manufacture of leather and related products	82.8	87.7	98.4	96.0	102.2
Manufacture of wood and of products of wood and cork, except furniture	122.4	115.5	101.7	86.4	102.6
Manufacture of paper and paper products	71.8	72.2	69.8	81.3	68.4
Printing and reproduction of recorded media	130.8	98.8	109.5	102.6	111.3
Manufacture of coke and refined petroleum products	15.4	116.6	98.1	105.0	99.0
Manufacture of chemicals and chemical products	114.9	87.3	117.4	103.9	121.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	104.9	100.0	101.8	106.2	100.6
Manufacture of rubber and plastic products	118.4	115.7	107.6	115.0	106.4
Manufacture of other non-metallic mineral products	120.8	117.1	98.4	97.4	96.7
Manufacture of basic metals	104.7	97.2	99.8	95.0	98.9
Manufacture of fabricated metal products, except machinery and equipment	137.3	142.9	124.5	124.8	126.0
Manufacture of computer, electronic and optical products	110.7	66.6	93.6	67.7	98.4
Manufacture of electrical equipment	119.0	122.4	109.2	108.9	110.4
Manufacture of machinery and equipment n.e.c.	133.1	120.9	100.8	108.4	100.2
Manufacture of motor vehicles, trailers and semi-trailers	94.4	93.8	102.3	98.8	98.7
Manufacture of other transport equipment	106.6	125.7	133.4	194.3	139.1
Manufacture of furniture	117.8	128.0	111.4	89.4	116.9
Other manufacturing	112.4	112.9	100.7	82.2	107.8
Repair and installation of machinery and equipment	112.8	93.8	111.0	78.3	114.9
Electricity, gas, steam and air conditioning supply	364.1	295.4	228.5	273.5	296.4
Electricity, gas, steam and air conditioning supply	364.1	295.4	228.5	273.5	296.4

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