



INDUSTRIAL PRODUCTION INDICES IN SEPTEMBER 2016¹

According to the preliminary data the Industrial Production Index², seasonally adjusted³, decreased by 0.2% in September 2016 as compared to August 2016.

In September 2016 working day adjusted⁴ Industrial Production Index rose by 3.3% in comparison with the same month of 2015.

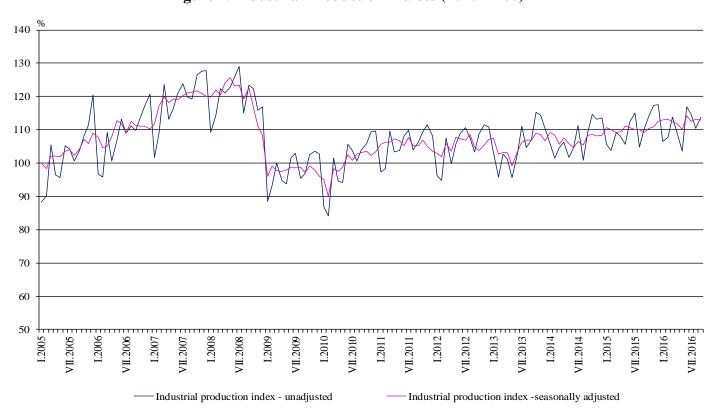


Figure 1. Industrial Production Indices (2010 = 100)

¹ September 2016 data are preliminary.

² Monthly Industrial Production and Industrial turnover indices measure changes in production and turnover values of industrial enterprises. This information can be used to access the current economic development and for short-term forecasts. Indices do not measure the actual production level, it aims to measure the average change in value of production between two points of time Indices are compiled on the base of information collected through representative sampling survey on industrial enterprises. The sample covers enterprises with annual turnover more than 97% of total turnover in industry.

Industrial production indices are calculated at constant base year that is to say they are weighted with the structure of the value added at factor costs in the base year.

³ Seasonal adjustment is a statistical method, which eliminates the seasonal component of time series.

⁴ Working day adjustment is an adjustment for variations caused by calendar effects, different number of calendar and working days in the months, national holydays and outliers (for example the presence of more non-working days in May could contribute to the decline in the production in some activities).



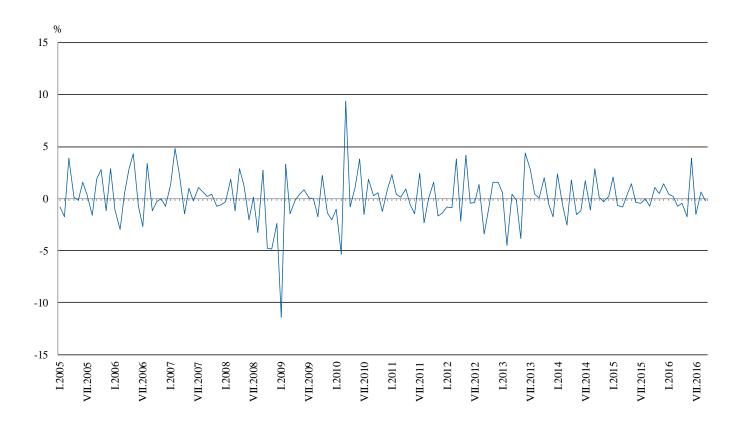


Monthly comparisons

In September 2016 as compared to August 2016, the seasonally adjusted Industrial Production Index decreased in the electricity, gas, steam and air conditioning supply by 1.9%, the mining and quarrying industry did not change, while in the manufacturing an increase by 0.3% was seen.

The most significant increases of production in the manufacturing were registered in the repair and installation of machinery and equipment by 15.4%, in the manufacture of leather and related products by 13.6%, in the manufacture of fabricated metal products, except machinery and equipment by 13.0%, in the manufacture of wearing apparel by 6.3%. There were decreases in the manufacture of other transport equipment by 15.1%, in the manufacture of tobacco products by 11.3%, in the manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials by 7.1%, in the manufacture of motor vehicles, trailers and semi-trailers by 6.6%.

Figure 2. Changes of Industrial Production Indices compared to the previous month (Seasonaly adjusted)





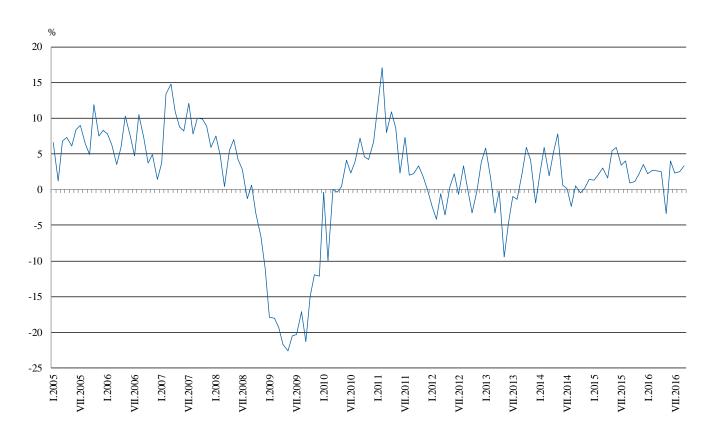


Annual comparisons

On annual basis in September 2016 Industrial Production Index calculated from working day adjusted data increased in the manufacturing by 4.7% and in the electricity, gas, steam and air conditioning supply by 0.5%, while in the mining and quarrying industry a decrease by 1.9% was registered.

In the manufacturing, the more significant increases compared to the same month of the previous year were seen in the manufacture of fabricated metal products, except machinery and equipment by 39.9%, in the repair and installation of machinery and equipment by 21.0%, in the manufacture of basic metals by 19.5%, in the manufacture of computer, electronic and optical products by 11.4%. Decreases were registered in the manufacture of tobacco products by 23.2%, in the manufacture of other transport equipment by 20.2%, in the manufacture of basic pharmaceutical products and pharmaceutical preparations by 16.4%, in the manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials by 14.6%.

Figure 3. Changes of Industrial Production Indices compared to the same month of the previous year (Working day adjusted)



The final data on Industrial Production and Turnover Indices for August 2016 can be found on the NSI website: http://www.nsi.bg/en.





Annex Table 1 Changes of Industrial Production Indices compared to the previous $\mathrm{month}^{1,2}$

(Per cent)

Economic Activities	NACE.BG -	2016							
Economic Activities	2008	IV	V	VI	VII	VIII	IX		
Industry	B_TO_E36	-0.4	-1.7	3.9	-1.5	0.6	-0.2		
Mining and quarrying	В	-0.8	-1.5	0.2	0.4	0.0	0.0		
Mining of coal and lignite	B05	10.1	5.2	-5.1	5.7	-8.7	0.2		
Extraction of crude petroleum and natural gas	B06								
Mining of metal ores	B07	-0.5	-11.5	12.2	-2.9	-3.6	7.5		
Other mining and quarrying	B08	-4.8	-3.0	-0.7	1.9	3.6	-11.2		
Mining support service activities	B09								
Manufacturing	C	-1.0	-3.1	5.4	-1.5	0.7	0.3		
Manufacture of food products	C10	3.0	0.4	-0.9	0.6	2.5	-6.5		
Manufacture of beverages	C11	5.6	-13.7	10.5	5.1	-2.1	-2.7		
Manufacture of tobacco products	C12	-23.4	-18.5	20.1	17.9	-5.1	-11.3		
Manufacture of textiles	C13	3.4	-1.1	-5.0	-4.4	-0.7	1.6		
Manufacture of wearing apparel	C14	-1.3	-1.6	3.2	0.3	-5.9	6.3		
Manufacture of leather and related products	C15	3.5	-8.4	1.0	-2.0	-8.2	13.6		
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-4.9	-5.0	0.3	-3.5	1.6	-7.1		
Manufacture of paper and paper products	C17	0.7	-0.9	3.7	-2.5	1.8	-3.2		
Printing and reproduction of recorded media	C18	-4.3	-5.8	4.3	2.0	-3.4	-0.9		
Manufacture of coke and refined petroleum products Manufacture of chemicals and chemical products	C19 C20	 6.0	 1.7	 -3.2	 17.0	 -0.6	-3.8		
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-5.0	-4.5	6.1	-4.5	-3.1	-6.5		
Manufacture of rubber and plastic products	C22	1.4	-6.1	3.9	-1.2	0.2	-2.2		
Manufacture of other non-metallic mineral products	C23	-2.3	-4.5	1.8	-1.0	1.3	-1.8		
Manufacture of basic metals	C24	-2.3	-4.2	3.4	6.9	5.3	3.2		
Manufacture of fabricated metal products, except machinery and equipment	C25	-0.4	-13.0	36.4	-19.1	5.4	13.0		
Manufacture of computer, electronic and optical products	C26	5.6	-2.2	2.5	2.0	1.0	-1.4		
Manufacture of electrical equipment	C27	-7.6	-0.1	4.7	0.3	-2.3	-0.2		
Manufacture of machinery and equipment n.e.c.	C28	-3.1	-1.5	7.1	2.3	-4.8	-4.2		
Manufacture of motor vehicles, trailers and semi- trailers	C29	-3.6	3.7	-2.4	-3.1	7.4	-6.6		
Manufacture of other transport equipment	C30	1.8	-18.0	-3.0	0.7	22.4	-15.1		
Manufacture of furniture	C31	3.1	-5.4	-5.7	8.4	-4.1	2.1		
Other manufacturing Repair and installation of machinery and	C32 C33	-8.6 10.4	5.0 4.4	0.7 -4.7	-9.0 6.8	14.7 -7.9	0.6 15.4		
equipment Electricity, gas, steam and air conditioning supply	D	1.6	3.1	0.4	-3.1	0.7	-1.9		
Electricity, gas, steam and air conditioning									
supply	D35	1.6	3.1	0.4	-3.1	0.7	-1.9		

¹ Seasonally adjusted.
² ".." - Confidential data.





Table 2 Changes of Industrial Production Indices compared to the same month of the previous year 1,2

(Per cent)

Economic Activities	NACE.BG -	2016							
Economic Activities	2008	IV	V	VI	VII	VIII	IX		
Industry	B_TO_E36	2.6	-3.4	4.0	2.3	2.6	3.3		
Mining and quarrying	В	2.4	-4.4	-3.9	0.0	1.8	-1.9		
Mining of coal and lignite	B05	-25.8	-9.3	-16.2	-13.5	-26.6	-24.9		
Extraction of crude petroleum and natural gas	B06								
Mining of metal ores	B07	22.8	-3.3	3.0	13.0	20.5	17.3		
Other mining and quarrying	B08	-2.0	-6.7	-13.4	-11.0	1.4	-13.9		
Mining support service activities	B09								
Manufacturing	\mathbf{C}	5.0	-3.8	5.6	2.7	4.3	4.7		
Manufacture of food products	C10	1.3	0.5	2.5	7.0	8.3	-0.2		
Manufacture of beverages	C11	11.5	-10.9	2.8	10.2	6.5	5.1		
Manufacture of tobacco products	C12	-42.4	-50.8	-32.6	-12.0	-18.4	-23.2		
Manufacture of textiles	C13	15.7	7.3	2.1	-5.0	-2.8	-2.3		
Manufacture of wearing apparel	C14	8.0	2.2	2.4	6.4	-1.6	5.3		
Manufacture of leather and related products	C15	-2.4	-1.3	-3.1	-12.0	-19.4	-4.5		
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-7.5	-7.7	-7.2	-5.2	-8.2	-14.6		
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Manufacture of paper and paper products Printing and reproduction of recorded media	C17 C18	13.1 7.5	4.6 -2.0	5.8 -1.5	9.1 4.8	10.8 1.0	-3.9 0.3		
Manufacture of coke and refined petroleum products	C19						0.5		
Manufacture of chemicals and chemical products	C20	1.3	6.8	 -6.7	0.6	-0.7	5.7		
Manufacture of basic pharmaceutical products and	C20	1.3	0.8	-0.7	0.0	-0.7	3.7		
pharmaceutical preparations	C21	-4.5	-9.2	3.1	-5.8	-6.5	-16.4		
Manufacture of rubber and plastic products	C22	12.3	0.2	8.2	7.6	11.2	5.1		
Manufacture of other non-metallic mineral products	C23	5.8	-11.3	-4.0	-7.4	-3.1	-7.3		
Manufacture of basic metals	C24	-17.9	-23.5	-14.0	-2.5	-3.2	19.5		
Manufacture of fabricated metal products, except machinery and equipment	C25	37.9	0.0	59.0	14.6	20.4	39.9		
Manufacture of computer, electronic and optical products	C26	4.1	-0.2	0.7	3.9	6.1	11.4		
Manufacture of electrical equipment	C27	0.3	-6.6	10.8	3.3	-0.5	2.0		
Manufacture of machinery and equipment n.e.c.	C28	-3.7	-8.7	0.5	5.8	0.0	-4.0		
Manufacture of motor vehicles, trailers and semi-	C29	9.8	18.1	9.6	2.3	23.8	1.3		
trailers Manufacture of other transport equipment	C30	29.3	-13.8	-3.9	-6.4	6.7	-20.2		
Manufacture of furniture	C30 C31	29.3 7.4	3.8	-3.9 -0.5	-0.4 7.0	6.5	-20.2 -1.4		
Other manufacturing	C32	20.1	21.9	19.3	1.2	20.6	26.5		
Repair and installation of machinery and equipment	C33	0.0	-5.8	-9.4	-3.3	-5.8	21.0		
Electricity, gas, steam and air conditioning supply	D	-6.8	-0.7	1.6	-0.7	-1.2	0.5		
Electricity, gas, steam and air conditioning supply	D35	-6.8	-0.7	1.6	-0.7	-1.2	0.5		

¹ Working day adjusted.
² ".." - Confidential data.





Table 3 Industrial Production Indices 1 (Seasonally adjusted, 2010 = 100)

NACE.BG -		201	5		2016									
2008	IX	X	XI	XII	I	П	III	IV	V	VI	VII	VIII	IX	
B_TO_E36	109.2	110.4	110.9	112.5	113.0	113.2	112.4	111.9	110.0	114.2	112.5	113.2	112.9	
В	100.3	97.1	100.1	100.3	102.2	101.0	100.8	100.1	98.5	98.7	99.1	99.2	99.2	
B05	124.4	95.1	105.6	116.8	112.6	101.1	86.0	94.7	99.5	94.5	99.8	91.1	91.3	
B06														
B07	88.2	88.4	97.4	87.1	93.6	89.3	104.0	103.5	91.5	102.8	99.8	96.2	103.4	
B08	111.7	119.1	108.8	129.4	99.2	122.0	114.0	108.5	105.3	104.6	106.5	110.3	98.0	
B09														
\mathbf{C}	113.6	116.2	117.0	118.6	117.9	119.4	118.2	117.1	113.5	119.7	117.9	118.7	119.0	
C10	88.1	90.8	89.6	89.0	93.5	90.5	89.4	92.1	92.5	91.6	92.2	94.6	88.4	
C11	98.3	99.6	100.4	97.7	104.7	106.8	102.8	108.5	93.6	103.5	108.8	106.6	103.7	
C12	82.1	92.7	100.9	107.4	110.9	106.2	88.2	67.6	55.1	66.2	78.0	74.0	65.7	
C13	108.8	116.4	110.5	108.7	111.3	118.6	114.2	118.2	116.9	111.0	106.2	105.4	107.1	
C14	96.6	103.0	97.5	100.7	100.1	98.4	100.0	98.7	97.1	100.2	100.6	94.7	100.6	
C15	78.4	73.5	70.7	73.7	73.7	74.4	75.4	78.1	71.5	72.2	70.8	65.0	73.8	
C16	96.7	96.6	103.4	103.6	96.5	104.0	99.7	94.8	90.1	90.4	87.2	88.6	82.4	
C17	132.5	136.2	135.0	123.1	117.6	127.3	128.6	129.4	128.3	133.0	129.6	131.9	127.6	
C18	111.5	115.6	132.7	116.5	130.3	130.2	122.9	117.7	110.9	115.7	118.0	114.0	113.0	
C19														
C20	111.9	114.9	100.8	98.3	104.5	113.5	101.3	107.4	109.2	105.7	123.6	122.8	118.1	
C21	145.6	148.5	150.5	151.5	151.4	158.6	153.5	145.9	139.3	147.7	141.1	136.8	128.0	
C22	131.1	134.9	132.5	135.2	142.9	146.5	145.2	147.2	138.3	143.6	141.9	142.3	139.2	
C23	128.4	128.5	132.8	138.2	130.9	129.6	128.8	125.9	120.3	122.5	121.2	122.8	120.7	
C24	91.1	92.3	92.5	93.1	90.5	88.0	87.6	85.6	82.0	84.8	90.6	95.4	98.5	
C25	129.1	135.4	148.7	147.6	174.7	152.5	155.2	154.6	134.5	183.4	148.4	156.4	176.7	
C26	139.1	154.6	145.9	136.8	156.3	141.0	143.9	152.0	148.7	152.4	155.4	157.0	154.8	
C27	143.0	147.4	147.8	143.3	147.9	155.5	155.9	144.0	143.8	150.7	151.1	147.7	147.4	
C28	139.0	139.8	135.6	138.2	141.5	140.9	142.0	137.6	135.5	145.1	148.4	141.2	135.4	
C29	162.7	160.8	157.4	157.8	158.9	177.4	176.3	170.0	176.2	171.9	166.6	178.9	167.1	
C30	106.7	104.0	104.3	98.8	93.6	105.6	103.5	105.3	86.4	83.8	84.3	103.2	87.6	
C31	133.0	126.1	129.0	126.9	132.1	130.5	134.3	138.5	131.0	123.5	133.9	128.5	131.2	
C32	172.6	181.6	186.8	206.5	222.3	200.4	214.3	195.9	205.7	207.2	188.4	216.1	217.4	
C33	79.9	93.1	97.3	82.7	90.0	77.6	76.0	83.9	87.6	83.4	89.1	82.0	94.6	
D	101.8	101.0	99.5	102.0	105.3	102.1	101.9	103.6	106.7	107.2	103.9	104.6	102.6	
D35	101.8	101.0	99.5	102.0	105.3	102.1	101.9	103.6	106.7	107.2	103.9	104.6	102.6	

¹ ".." - Confidential data.





Table 4

Industrial Production Indices¹ (Working day adjusted, 2010 = 100)

NACE.BG -	2013	2014		201	15		2016								
2008	IX	IX	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
B_TO_E36	107.7	108.3	109.2	114.6	118.0	116.1	108.2	106.5	112.4	109.9	103.7	115.9	116.3	109.2	112.9
В	102.5	96.3	105.2	101.3	108.2	109.8	103.5	95.6	95.4	94.8	89.9	93.2	98.0	96.6	103.2
B05	106.6	105.5	132.9	117.6	118.0	136.8	128.0	98.7	71.1	77.4	81.9	69.9	92.2	89.4	99.9
B06															
B07	98.8	88.0	88.2	88.4	97.4	87.1	93.6	89.3	104.0	103.5	91.5	102.8	99.8	96.2	103.4
B08	117.5	126.7	123.9	142.1	121.2	135.1	59.9	86.7	101.9	107.7	110.0	114.4	120.9	123.0	106.8
B09															
C	109.4	115.5	116.3	123.6	123.8	114.7	103.1	107.8	117.0	118.2	111.5	127.7	126.0	115.7	121.8
C10	98.6	96.9	95.0	100.3	96.5	92.9	78.9	78.9	87.7	89.0	89.8	93.6	93.2	97.4	94.9
C11	116.6	101.4	105.9	86.0	89.1	100.3	66.6	74.4	95.6	114.1	101.7	126.9	137.0	135.9	111.3
C12	126.7	124.1	88.9	90.9	97.3	109.3	85.0	84.2	89.4	60.1	51.5	71.5	94.1	72.6	68.3
C13	101.5	108.6	105.3	119.7	113.8	94.4	95.2	113.9	126.1	130.4	133.2	123.1	111.4	83.6	102.9
C14	94.4	93.0	92.8	103.8	98.2	100.5	104.8	95.5	93.5	92.3	88.2	107.8	117.3	91.2	97.7
C15	85.4	84.9	86.5	76.8	71.5	68.4	74.9	71.9	73.3	68.7	58.5	73.8	86.6	64.4	82.7
C16	106.7	98.8	103.9	107.8	112.5	99.0	75.1	87.4	97.1	92.5	89.0	98.4	96.2	90.5	88.7
C17	117.9	121.6	134.6	137.9	134.6	118.0	109.4	120.0	132.3	131.5	130.1	139.2	134.9	131.5	129.3
C18	107.2	108.1	113.5	123.1	149.2	129.6	112.9	118.7	120.1	113.8	106.4	117.9	116.6	108.2	113.8
C19														••	
C20	86.5	112.3	112.3	113.8	104.0	96.3	97.0	106.3	110.8	111.3	109.4	109.7	125.5	116.9	118.6
C21	141.2	135.1	145.7	160.1	155.1	155.2	136.5	160.6	160.3	152.1	133.4	153.3	131.6	118.8	121.8
C22	125.3	137.1	139.9	150.4	138.1	115.5	120.8	128.5	144.3	148.7	138.9	156.5	156.0	142.4	147.0
C23	122.9	121.4	140.5	141.7	143.0	123.3	89.7	103.3	126.0	132.9	127.3	134.9	130.6	131.0	130.3
C24	93.8	93.8	76.7	103.4	98.2	70.9	93.9	84.2	82.0	99.9	80.4	79.6	115.6	89.2	91.7
C25	106.6	136.2	132.9	144.1	165.6	165.9	135.8	133.8	152.3	149.5	124.7	199.2	153.1	150.4	186.0
C26	121.8	137.1	139.8	158.6	153.7	150.0	139.7	129.6	148.5	150.3	150.2	160.6	160.1	137.8	155.7
C27	122.3	129.3	144.5	162.7	162.6	130.2		149.3	163.3	142.7	138.7	157.0	160.7	129.3	147.3
C28	138.6	151.8	141.7	143.8	143.4			135.4	151.4		133.0		158.3	127.8	136.0
C29	112.5	147.2	167.0	174.6	173.3	139.8	153.7		187.4	175.0	176.2	182.9	166.0	148.0	169.2
C30	63.6	63.2	97.2	101.1		103.7	72.0	96.2	113.7	112.8	99.7	86.8	82.4	86.8	77.5
C31	125.6	130.1	141.2	139.5		127.3		115.5	129.9	135.7	128.4	124.1	138.9	129.3	139.2
C32	149.8	162.4	182.4	210.9	195.7			171.2	217.5	189.7	206.3	236.0	190.3	221.9	230.6
C33	80.2	99.2	81.6	99.4	114.3	111.3		65.4	74.1	74.7	81.3	83.9	89.4	80.4	98.7
D	103.5	92.3	90.0	95.5	108.2	128.7		112.5	110.4	93.7	87.6	92.5	94.8	95.1	90.4
D35	103.5	92.3	90.0	95.5	108.2	128.7	127.5	112.5	110.4	93.7	87.6	92.5	94.8	95.1	90.4