



INDUSTRIAL PRODUCTION INDICES IN JANUARY 2018¹

In compliance with Regulation (EC) N 1165/98 and amendment Regulation (EC) N 1158/2005 since January 2018 the base year for Short-term business statistics has been changed. All short-term indicators presented in the form of indices are calculated and published at 2015 as a base year. The time series has been recalculated according to the new base year and they can be downloaded from INFOSTAT information system: https://infostat.nsi.bg/infostat/pages/module.jsf?x.2=188

According to the preliminary data the Industrial Production Index², seasonally adjusted³, increased by 0.3% in January 2018 as compared to December 2017.

In January 2018 working day adjusted⁴ Industrial Production Index rose by 3.5% in comparison with the same month of 2017.

¹ January 2018 data are preliminary. The reconciled data on Industrial Production and Turnover Indices for 2017 can be found on the NSI website: http://www.nsi.bg/en.

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).





120 110 100 90 80 70 I.2010 I.2018 L.2009 I.2012 I.2013 I.2014 1.2016 VII.2010 I.2015 VII.2013 /II.2009 VII.2012 VII.2015 VII.2016 VII.2017 VII.2011 VII.2014 I.201

Figure 1. Industrial Production Indices (2015 = 100)

Monthly comparisons

In January 2018 as compared to December 2017, the seasonally adjusted Industrial Production Index rose in the electricity, gas, steam and air conditioning supply by 0.9% and in the manufacturing by 0.3%, while in the mining and quarrying industry the production decreased by 0.3%.

Industrial production index - unadjusted

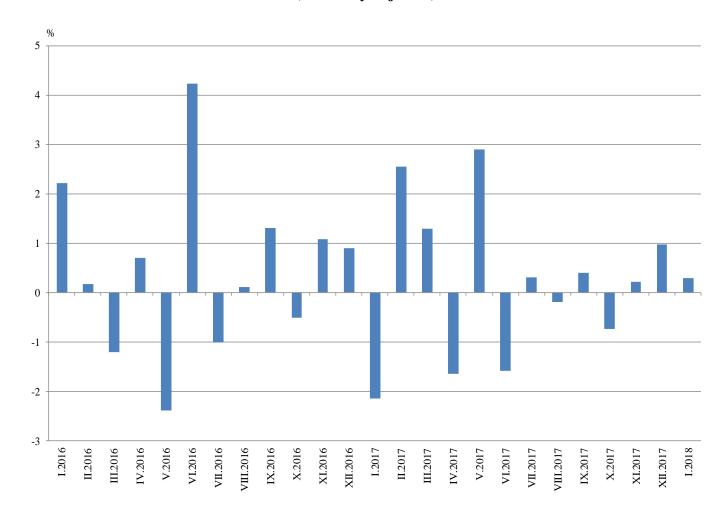
The most significant production increases in the manufacturing were registered in the manufacture of other transport equipment by 25.6%, in the manufacture of paper and paper products by 10.3%, in the printing and reproduction of recorded media by 6.9%, in the manufacture of computer, electronic and optical products and in the manufacture of motor vehicles, trailers and semi-trailers by 5.4%. There were decreases in the manufacture of leather and related products by 7.6%, in the manufacture of chemicals and chemical products by 4.5%, in the manufacture of basic pharmaceutical products and pharmaceutical preparations by 3.9%, in the manufacture of wearing apparel by 3.4%.

Industrial production index -seasonally adjusted





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



Annual comparisons

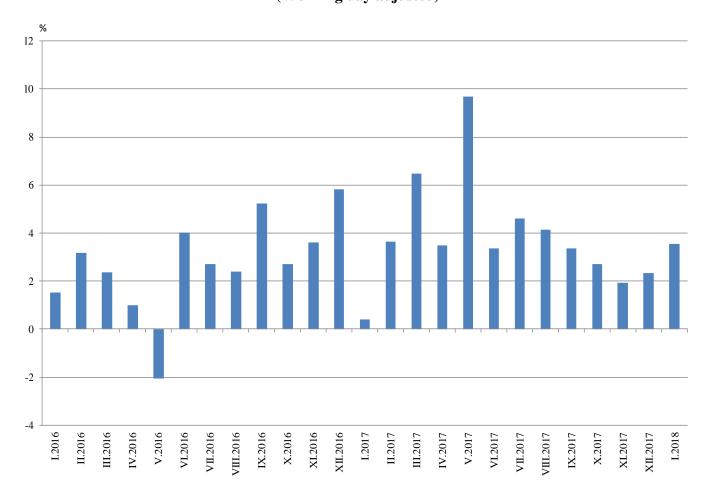
On annual basis in January 2018 Industrial Production Index calculated from working day adjusted data rose in the manufacturing by 10.3%, while the production fell in the electricity, gas, steam and air conditioning supply by 8.7% and in the mining and quarrying industry by 4.6%.

In the manufacturing, the more considerable increases compared to the same month of the previous year were registered in the repair and installation of machinery and equipment by 28.8%, in the manufacture of other non-metallic mineral products by 28.3%, in the manufacture of other transport equipment by 25.2%, in the manufacture of fabricated metal products, except machinery and equipment by 20.8%. Decreases were seen in the manufacture of tobacco products by 39.3%, in the manufacture of wearing apparel by 9.8%, in the manufacture of leather and related products by 3.9%.





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







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

(Per cent)

	NA CE DC		2010				
Economic activities	NACE.BG - 2008	VIII	IX	2017 X	XI	XII	2018 I
Industry	B_TO_E36	-0.2	0.4	-0.7	0.2	1.0	0.3
Mining and quarrying	B	8.0	-2.5	-4.7	-1.4	-2.5	-0.3
Mining of coal and lignite	B05	2.2	0.5	-1.7	-15.1	8.3	-4.6
Extraction of crude petroleum and natural gas	B06						
Mining of metal ores	B07	9.6	-2.0	-7.3	2.1	-8.4	12.8
Other mining and quarrying	B08	3.3	3.8	2.7	12.2	-5.6	15.3
Mining support service activities	B09						
Manufacturing	C	-0.3	0.9	0.0	0.8	1.9	0.3
Manufacture of food products	C10	-3.9	0.9	1.0	0.3	5.4	0.2
Manufacture of beverages	C11	-5.9	5.4	1.7	-7.1	3.7	3.9
Manufacture of tobacco products	C12	17.3	-3.6	-4.8	-2.4	-9.8	-0.5
Manufacture of textiles	C13	-1.0	4.0	-1.9	3.4	-1.9	-2.6
Manufacture of wearing apparel	C14	-2.5	3.8	-1.3	3.5	-4.0	-3.4
Manufacture of leather and related products	C15	2.5	2.8	5.8	-0.7	8.2	-7.6
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-4.3	3.7	-0.3	0.7	3.8	0.7
Manufacture of paper and paper products	C17	3.8	-1.3	3.0	-0.4	-7.1	10.3
Printing and reproduction of recorded media	C18	-5.7	0.4	2.3	-3.0	-0.9	6.9
Manufacture of coke and refined petroleum products Manufacture of chemicals and chemical products	C19 C20	 3.4	 -3.4	 0.1	 -1.1	 1.4	 -4.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-1.5	-2.6	-8.8	14.0	2.5	-3.9
Manufacture of rubber and plastic products	C22	4.8	2.5	-0.5	0.0	2.9	1.1
Manufacture of other non-metallic mineral products	C23	2.9	-1.5	3.1	0.8	-1.8	5.2
Manufacture of basic metals	C24	1.6	6.3	2.5	3.2	3.7	-0.9
Manufacture of fabricated metal products, except machinery and equipment	C25	-11.3	-9.0	8.7	-1.4	-9.1	4.4
Manufacture of computer, electronic and optical products	C26	4.9	-11.8	12.7	1.6	-3.4	5.4
Manufacture of electrical equipment	C27	0.1	6.8	-0.8	-2.2	5.3	-1.0
Manufacture of machinery and equipment n.e.c.	C28	-0.5	0.5	2.9	-0.1	3.7	-2.0
Manufacture of motor vehicles, trailers and semi- trailers	C29	-1.0	5.9	4.4	-0.9	0.7	5.4
Manufacture of other transport equipment	C30	-0.6	8.8	-1.3	18.9	-21.0	25.6
Manufacture of furniture	C31	0.3	-1.8	-1.0	1.9	10.7	1.3
Other manufacturing Repair and installation of machinery and equipment	C32 C33	19.6 -20.7	-1.6 10.3	-7.7 -14.1	10.0 17.9	5.5 4.5	0.0 0.1
Electricity, gas, steam and air conditioning supply	D	-1.1	-0.7	-4.3	1.9	0.6	0.9
Electricity, gas, steam and air conditioning supply supply	D35	-1.1	-0.7	-4.3	1.9	0.6	0.9

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)

Facus and satisfied	NACE.BG -			2018				
Economic activities	2008	VIII	IX	2017 X	XI	XII	I	
Industry	B_TO_E36	4.1	3.4	2.7	1.9	2.3	3.5	
Mining and quarrying	В	12.8	6.8	5.3	-6.8	-7.0	-4.6	
Mining of coal and lignite	B05	14.5	14.3	0.3	-23.1	-8.2	-9.0	
Extraction of crude petroleum and natural gas	B06							
Mining of metal ores	B07	17.4	6.3	13.8	1.3	-3.9	5.0	
Other mining and quarrying	B08	-19.0	-5.6	2.0	9.6	8.9	38.9	
Mining support service activities	B09							
Manufacturing	\mathbf{C}	5.2	4.6	5.2	4.9	5.7	10.3	
Manufacture of food products	C10	-3.4	2.9	1.8	2.5	11.0	7.4	
Manufacture of beverages	C11	-13.3	-3.6	-3.7	-13.3	-7.6	11.6	
Manufacture of tobacco products	C12	-2.4	0.6	-15.0	-23.9	-40.1	-39.3	
Manufacture of textiles	C13	-1.4	0.5	-2.0	2.2	6.7	3.9	
Manufacture of wearing apparel	C14	-6.3	-6.4	-8.1	7.1	0.4	-9.8	
Manufacture of leather and related products	C15	-2.2	-13.0	0.1	-8.3	9.4	-3.9	
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-9.4	-0.3	-5.9	-2.8	1.8	-0.5	
Manufacture of paper and paper products	C17	-3.0	-2.4	0.5	-6.1	-7.7	1.0	
Printing and reproduction of recorded media	C18	-1.5	-1.6	-3.0	-7.0	-1.7	1.7	
Manufacture of coke and refined petroleum products	C19							
Manufacture of chemicals and chemical products	C20	18.1	10.9	6.8	13.1	24.5	3.5	
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	21.8	12.9	-6.3	13.7	22.5	3.3	
Manufacture of rubber and plastic products	C22	11.5	15.7	10.5	7.2	13.0	9.8	
Manufacture of other non-metallic mineral products	C23	6.4	8.7	8.6	9.2	5.5	28.3	
Manufacture of basic metals	C24	6.7	28.7	5.2	11.4	26.0	17.7	
Manufacture of fabricated metal products, except machinery and equipment	C25	15.3	-11.1	21.2	0.7	-16.7	20.8	
Manufacture of computer, electronic and optical products	C26	24.7	4.5	10.3	15.4	18.3	0.7	
Manufacture of electrical equipment	C27	0.6	9.4	8.0	5.0	15.7	11.3	
Manufacture of machinery and equipment n.e.c.	C28	16.1	18.8	17.3	9.5	13.1	16.1	
Manufacture of motor vehicles, trailers and semi- trailers	C29	1.9	13.9	15.7	11.6	11.6	19.2	
Manufacture of other transport equipment	C30	-15.4	10.1	16.7	47.1	-2.5	25.2	
Manufacture of furniture	C31	0.7	-5.9	-8.4	-9.8	9.9	15.1	
Other manufacturing	C32	9.8	8.4	6.8	3.3	7.2	-9.4	
Repair and installation of machinery and equipment	C33	3.7	-0.6	-7.1	12.0	12.3	28.8	
Electricity, gas, steam and air conditioning supply	D	-3.2	-3.3	-8.3	-4.6	-4.9	-8.7	
Electricity, gas, steam and air conditioning supply	D35	-3.2	-3.3	-8.3	-4.6	-4.9	-8.7	

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





Table 3
Industrial Production Indices¹
(Seasonally adjusted, 2015 = 100)

				(Seas	onally	adjuste	a, 2015	= 100)						
NACE.BG -	2017													
2008	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I	
B_TO_E36	103.2	105.8	107.2	105.4	108.4	106.7	107.0	106.8	107.3	106.5	106.7	107.7	108.1	
В	104.9	112.4	105.7	97.9	105.1	107.2	104.0	112.3	109.5	104.4	102.9	100.4	100.1	
B05	91.1	107.3	100.6	96.0	107.8	101.5	92.7	94.7	95.2	93.6	79.4	86.0	82.1	
B06														
B07	118.7	120.5	116.0	102.9	107.4	113.5	118.2	129.5	126.9	117.5	120.0	110.0	124.1	
B08	74.8	91.7	81.2	79.3	81.2	87.6	76.9	79.5	82.5	84.8	95.1	89.8	103.6	
B09														
C	103.6	107.7	111.0	108.6	111.9	109.7	110.4	110.1	111.1	111.1	112.0	114.2	114.5	
C10	103.3	102.4	103.1	99.3	105.2	110.3	106.9	102.8	103.7	104.8	105.1	110.7	110.9	
C11	90.3	102.1	100.9	94.2	97.0	95.5	99.8	93.9	99.0	100.6	93.5	97.0	100.8	
C12	74.4	67.8	74.8	72.5	81.1	76.4	60.9	71.4	68.8	65.5	64.0	57.7	57.4	
C13	94.6	106.5	100.4	100.0	100.5	100.6	98.6	97.6	101.6	99.7	103.0	101.1	98.5	
C14	102.0	100.4	105.5	98.2	98.4	98.5	96.2	93.8	97.4	96.1	99.5	95.5	92.2	
C15	95.1	94.3	102.1	96.7	101.2	96.4	82.7	84.7	87.1	92.2	91.5	99.0	91.4	
C16	88.6	97.2	89.1	89.8	91.5	88.8	84.7	81.0	84.0	83.8	84.4	87.5	88.1	
C17	105.5	105.3	105.0	99.2	105.5	101.2	98.9	102.6	101.2	104.3	103.9	96.5	106.4	
C18	103.9	103.5	109.5	100.3	106.0	102.1	105.8	99.8	100.2	102.5	99.5	98.6	105.4	
C19														
C20	110.1	116.4	117.0	118.8	117.2	117.1	123.6	127.8	123.6	123.6	122.3	124.0	118.4	
C21	107.3	98.7	103.4	93.4	106.0	111.2	112.7	111.0	108.1	98.6	112.4	115.2	110.7	
C22	117.7	119.5	121.8	119.0	119.6	117.3	115.9	121.5	124.6	123.9	123.9	127.6	128.9	
C23	84.5	98.8	103.7	100.0	100.9	98.4	99.6	102.5	101.0	104.1	104.9	103.0	108.4	
C24	108.4	111.7	116.3	113.5	114.5	111.9	107.9	109.7	116.6	119.6	123.3	127.9	126.7	
C25	106.3	133.8	137.2	154.5	142.4	131.3	156.3	138.7	126.3	137.2	135.3	123.0	128.4	
C26	137.4	124.0	138.7	130.1	119.9	130.3	127.9	134.1	118.3	133.4	135.6	131.0	138.1	
C27	100.8	101.2	102.0	102.1	107.0	106.9	103.7	103.8	110.8	109.9	107.5	113.2	112.1	
C28	105.6	111.6	112.7	114.2	126.4	114.4	117.6	117.0	117.5	121.0	120.9	125.3	122.8	
C29	114.0	113.4	118.9	110.8	117.6	111.9	117.3	116.1	123.0	128.4	127.2	128.1	135.1	
C30	95.4	86.2	91.3	83.8	97.5	102.1	91.2	90.7	98.7	97.4	115.8	91.5	114.9	
C31	99.0	102.0	107.9	107.2	109.6	104.9	102.1	102.3	100.5	99.5	101.4	112.2	113.7	
C32	160.7	138.8	135.5	129.8	125.7	131.9	115.4	138.0	135.8	125.3	137.8	145.4	145.5	
C33	86.4	96.1	95.5	96.6	110.9	97.2	120.1	95.2	104.9	90.2	106.4	111.1	111.2	
D	102.6	97.8	93.3 93.1	95.5	97.7	96.8	96.3	95.2 95.2	94.5	90.5	92.2	92.7	93.6	
D35	102.6	97.8	93.1	95.5	97.7	96.8	96.3	95.2 95.2	9 4. 5	90.5	92.2	92.7	93.6	
_ **	102.0	71.0	73.1	73.3	71.1	90.0	<i>5</i> 0.3	73.4	74.3	90.3	74.4	74.1	73.0	

¹ '..' - Confidential data.





Table 4

Industrial Production Indices¹ (Working day adjusted, 2015 = 100)

NACE.BG -	2015	2016							2017						2018
2008	I	I	I	II	III	IV	V	1	VII	VIII	IX	X	XI	XII	I
B_TO_E36	96.3	97.8	98.2	100.5	108.7	102.0	103.9	108.5	110.6	103.1	106.9	109.6	113.1	113.6	101.7
В	99.3	102.3	101.4	105.5	101.0	91.7	98.4	102.2	103.0	110.6	113.5	118.1	111.4	109.2	96.8
B05	117.0	111.6	103.8	109.1	87.3	78.7	92.5	81.5	85.8	92.3	102.3	115.8	93.0	104.2	94.5
B06															
B07	94.8	105.7	110.3	110.5	115.5	103.1	105.8	117.6	118.0	127.1	126.6	125.2	125.2	115.8	115.8
B08	59.1	50.4	45.7	67.7	73.3	78.6	84.7	96.8	85.6	87.4	89.9	98.4	107.8	93.2	63.5
B09															
C	86.7	90.6	89.3	98.2	112.8	108.4	111.8	116.6	117.8	106.1	112.7	116.3	118.2	113.5	98.5
C10	88.5	88.1	87.0	88.6	101.1	95.2	103.4	113.7	108.5	106.0	111.6	115.5	112.6	115.6	93.4
C11	62.9	65.9	55.1	71.7	95.2	96.5	103.5	115.7	127.8	118.0	107.5	89.8	82.6	100.7	61.5
C12	79.3	84.1	59.2	55.9	82.2	68.9	85.7	84.2	66.4	73.9	67.3	63.1	62.6	56.3	35.9
C13	89.8	90.2	80.0	104.7	112.1	110.5	115.5	111.7	102.3	76.7	97.7	102.4	107.4	86.6	83.2
C14	100.1	112.0	105.6	98.6	102.3	90.4	89.7	107.0	110.5	90.6	95.0	96.9	99.3	95.7	95.2
C15	107.0	98.0	95.9	91.8	103.0	84.5	86.0	100.4	97.6	82.3	94.7	96.3	93.4	92.9	92.2
C16	80.2	75.9	70.5	85.2	88.0	88.6	91.4	96.3	92.0	82.0	87.9	92.5	91.5	81.5	70.2
C17	91.3	89.1	99.3	99.7	108.8	100.1	107.7	106.8	102.5	102.0	102.0	105.4	104.6	90.0	100.2
C18	83.7	98.9	92.7	95.6	110.6	96.0	102.6	103.7	105.6	93.2	99.4	109.8	112.9	107.6	94.2
C19															
C20	96.1	87.6	102.0	111.7	124.2	124.9	118.0	116.5	127.8	126.6	121.1	122.6	126.0	124.2	105.5
C21	93.3	93.8	99.8	100.1	110.6	92.1	103.4	119.4	107.9	97.1	105.0	102.2	119.4	118.9	103.2
C22	86.3	92.5	103.2	108.7	125.0	121.5	120.7	126.1	123.8	119.2	129.4	137.0	128.1	107.6	113.4
C23	65.2	70.0	57.9	79.5	101.2	104.4	109.1	106.9	108.4	108.8	109.2	116.7	113.3	91.9	74.2
C24	114.6	95.1	103.4	108.2	127.3	112.5	114.7	118.1	111.6	96.4	119.5	124.7	127.1	115.4	121.7
C25	72.7	102.7	76.6	117.2	138.4	153.6	137.6	141.2	163.6	137.6	130.5	139.3	146.4	146.2	92.4
C26	81.2	97.6	128.8	114.5	147.0	129.0		137.0	130.8	117.2	113.4	139.8	144.6	138.9	129.7
C27	90.5	93.9	92.7	97.8	107.4	99.7		113.0	110.0		112.7	122.3	116.9	102.4	103.1
C28	94.8	89.1	92.6	107.9	120.4			123.6			115.7	123.7	128.9	120.6	107.5
C29	95.6	99.3	114.7	114.7	128.7	111.4		113.8	115.3		122.9	138.3	135.3	116.9	136.7
C30	98.5	73.2	86.6	79.2	100.9	85.5		107.2	86.9	77.6	90.9	90.8	115.5	89.1	108.4
C31	85.2	90.9	84.7	90.6	107.3	105.9		106.6	104.5		103.8	108.2	111.1	115.0	97.4
C32	82.8	104.6	138.3	120.2	136.9	125.4		149.4	114.1		144.4	143.2	145.5	129.3	125.3
C33	76.2	72.8	60.9	80.1	92.7	85.8	104.9	98.1	123.9		110.5	94.4	124.4	152.3	78.4
D	127.8	120.0	127.6	107.1	99.8	85.9	80.1	84.1	89.1	87.3	83.0	83.9	98.3	116.3	116.5
D35	127.8	120.0	127.6	107.1	99.8	85.9	80.1	84.1	89.1	87.3	83.0	83.9	98.3	116.3	116.5

^{1 &#}x27;..' - Confidential data.