



### INDUSTRIAL PRODUCTION INDICES IN MAY 2018<sup>1</sup>

According to the preliminary data the Industrial Production Index<sup>2</sup>, seasonally adjusted<sup>3</sup>, increased by 1.8% in May 2018 as compared to April 2018.

In May 2018 working day adjusted<sup>4</sup> Industrial Production Index remained at the level of the same month of 2017.

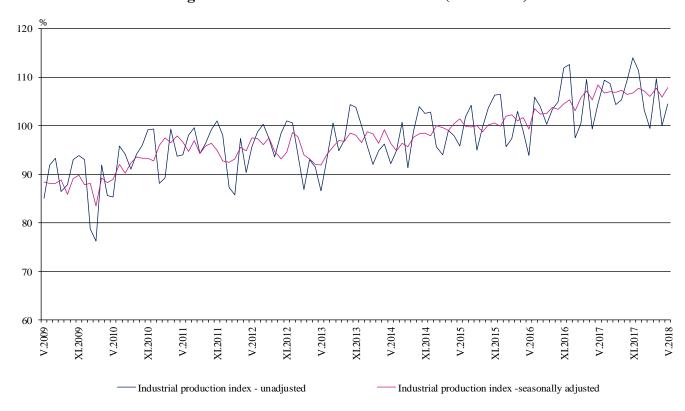


Figure 1. Industrial Production Indices (2015 = 100)

<sup>&</sup>lt;sup>1</sup> May 2018 data are preliminary. The final data on Industrial Production and Turnover Indices for April 2018 can be found on the NSI website: <a href="http://www.nsi.bg/en">http://www.nsi.bg/en</a>.

<sup>&</sup>lt;sup>2</sup> 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.

<sup>&</sup>lt;sup>3</sup> Seasonal adjustment is a statistical method, which eliminates the seasonal component of time series.

<sup>&</sup>lt;sup>4</sup> 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).



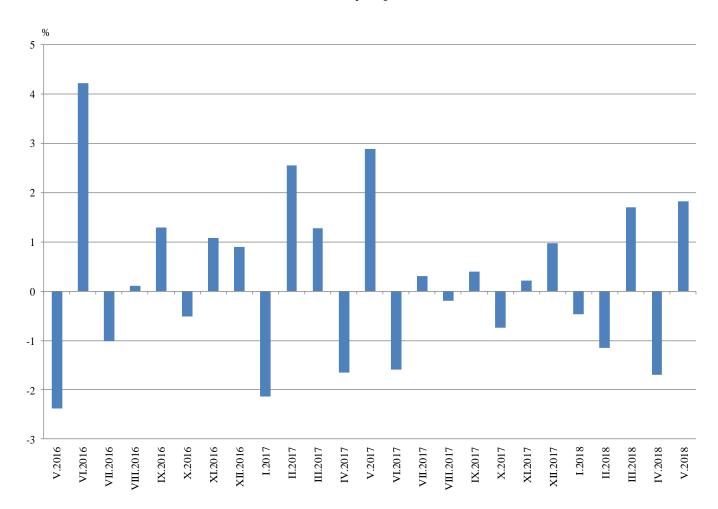


#### Monthly comparisons

In May 2018 as compared to April 2018, the seasonally adjusted Industrial Production Index rose in the manufacturing by 2.6% and in the mining and quarrying industry by 0.8%, while in the electricity, gas, steam and air conditioning supply the production decreased by 0.4%.

The most significant production increases in the manufacturing were registered in the repair and installation of machinery and equipment by 11.5%, in the manufacture of fabricated metal products, except machinery and equipment by 9.4%, in the manufacture of beverages by 7.4%, in the manufacture of furniture by 7.3%. There were decreases in the manufacture of other transport equipment by 5.3%, in the manufacture of machinery and equipment n.e.c. by 4.2%, in the manufacture of textiles by 2.2%, in the manufacture of computer, electronic and optical products by 2.1%.

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





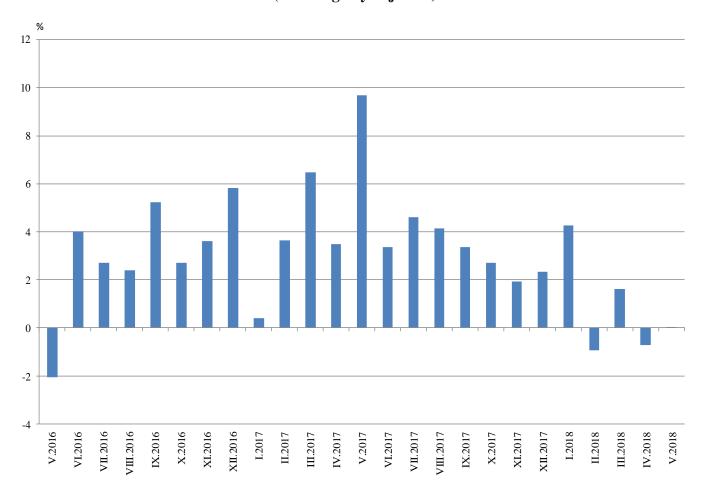


#### **Annual comparisons**

On annual basis in May 2018 Industrial Production Index calculated from working day adjusted data rose in the manufacturing by 0.7%, while the production fell in the mining and quarrying industry by 8.2%, and in the electricity, gas, steam and air conditioning supply by 6.0%.

In the manufacturing, the more considerable increases compared to the same month of the previous year were registered in the manufacture of other transport equipment by 25.3%, in the manufacture of motor vehicles, trailers and semi-trailers by 18.9%, in the repair and installation of machinery and equipment by 13.9%, in the manufacture of rubber and plastic products and in the manufacture of electrical equipment by 12.1%. Decreases were seen in the manufacture of tobacco products by 21.2%, in the manufacture of fabricated metal products, except machinery and equipment by 10.3%, in the manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials and in the manufacture of machinery and equipment n.e.c. by 9.8%, in the manufacture of textiles by 7.7%.

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)

						(P	er cent)
Economic activities	NACE.BG -	2017		•	2018		
Economic activities	2008	XII	Ι	II	III	IV	V
Industry	<b>B_TO_E36</b>	1.0	-0.5	-1.1	1.7	-1.7	1.8
Mining and quarrying	В	-2.5	0.6	-4.6	0.0	-0.6	0.8
Mining of coal and lignite	B05	8.3	-5.1	-8.3	23.9	-20.8	19.2
Extraction of crude petroleum and natural gas	B06					••	
Mining of metal ores	B07	-8.4	13.1	-1.8	-10.0	9.5	-10.7
Other mining and quarrying	B08	-5.6	26.4	-7.3	-11.8	12.1	-1.8
Mining support service activities	B09						
Manufacturing	$\mathbf{C}$	1.9	0.0	-3.2	0.9	-1.7	2.6
Manufacture of food products	C10	5.4	-0.6	-5.9	6.1	-7.3	3.3
Manufacture of beverages	C11	3.7	5.8	-6.0	2.3	-1.5	7.4
Manufacture of tobacco products	C12	-9.8	-0.4	11.0	-5.2	1.1	6.6
Manufacture of textiles	C13	-1.9	-3.6	-1.6	5.4	-5.2	-2.2
Manufacture of wearing apparel	C14	-4.0	-3.4	1.4	1.7	-5.1	1.1
Manufacture of leather and related products	C15	8.2	-8.6	9.7	4.9	-5.3	5.4
Manufacture of wood and of products of wood and							
cork, except furniture; manufacture of articles of straw and plaiting materials	C16	3.8	0.3	-9.5	-0.1	3.7	0.2
Manufacture of paper and paper products	C17	-7.1	7.0	-4.3	2.2	-0.9	2.8
Printing and reproduction of recorded media	C18	-0.9	6.9	-7.0	5.6	2.0	2.3
Manufacture of coke and refined petroleum products	C19						
Manufacture of chemicals and chemical products	C20	1.4	-8.2	-2.8	-1.3	1.0	2.1
Manufacture of basic pharmaceutical products and	C21	2.5	-5.0	-4.6	5.4	-1.3	0.9
pharmaceutical preparations							
Manufacture of rubber and plastic products	C22	2.9	0.7	-2.3	-0.3	-1.1	7.1
Manufacture of other non-metallic mineral products	C23	-1.8	13.4	-7.5	-4.0	2.6	0.4
Manufacture of basic metals	C24	3.7	-2.4	-5.6	-3.1	-2.7	1.5
Manufacture of fabricated metal products, except machinery and equipment	C25	-9.1	4.7	-1.6	5.5	-12.5	9.4
Manufacture of computer, electronic and optical							
products	C26	-3.4	5.4	0.4	7.3	-7.1	-2.1
Manufacture of electrical equipment	C27	5.3	-1.9	-4.1	5.8	2.4	2.5
Manufacture of machinery and equipment n.e.c.	C28	3.7	-2.0	-6.2	0.3	4.0	-4.2
Manufacture of motor vehicles, trailers and semi-	C29	0.7	3.0	-0.2	-0.1	3.7	1.7
trailers							
Manufacture of other transport equipment	C30	-21.0	33.1	6.9	-2.7	-1.6	-5.3
Manufacture of furniture	C31	10.7	2.0	-1.3	0.7	-4.3	7.3
Other manufacturing	C32	5.5	-0.2	-5.3	-3.5	12.7	-8.5
Repair and installation of machinery and equipment	C33	4.5	0.9	-4.2	5.8	-1.7	11.5
Electricity, gas, steam and air conditioning supply	D	0.6	1.3	1.6	3.6	-6.3	-0.4
Electricity, gas, steam and air conditioning supply	D35	0.6	1.3	1.6	3.6	-6.3	-0.4

<sup>&</sup>lt;sup>1</sup> Seasonally adjusted.
<sup>2</sup> '...' - Confidential data.





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

<b>Economic activities</b>	NACE.BG -	2017	2018						
Economic activities	2008	XII	I	II	III	IV	V		
Industry	<b>B_TO_E36</b>	2.3	4.3	-0.9	1.6	-0.7	0.0		
Mining and quarrying	В	-7.0	-3.5	-14.4	-8.9	-2.3	-8.2		
Mining of coal and lignite	B05	-8.2	-9.0	-31.7	-5.8	-30.9	-22.1		
Extraction of crude petroleum and natural gas	B06					••			
Mining of metal ores	B07	-3.9	5.1	2.1	-6.2	17.4	-1.1		
Other mining and quarrying	B08	8.9	54.0	16.6	13.0	32.3	26.4		
Mining support service activities	B09								
Manufacturing	C	5.7	11.1	1.2	0.6	-1.1	0.7		
Manufacture of food products	C10	11.0	6.7	0.8	6.9	2.3	0.0		
Manufacture of beverages	C11	-7.6	14.8	-6.4	-1.9	1.5	9.7		
Manufacture of tobacco products	C12	-40.1	-39.2	-10.2	-27.1	-19.4	-21.2		
Manufacture of textiles	C13	6.7	3.0	-10.9	1.7	-4.4	-7.7		
Manufacture of wearing apparel	C14	0.4	-9.9	-7.3	-8.4	-9.1	-7.6		
Manufacture of leather and related products	C15	9.4	-5.4	5.8	4.3	3.1	4.0		
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw	C16	1.8	-0.5	-18.8	-11.7	-8.5	-9.8		
and plaiting materials									
Manufacture of paper and paper products	C17	-7.7	1.1	-4.8	-4.6	-1.2	-2.3		
Printing and reproduction of recorded media	C18	-1.7	2.0	-6.5	-5.2	5.9	3.1		
Manufacture of coke and refined petroleum products	C19								
Manufacture of chemicals and chemical products	C20	24.5	3.6	-7.6	-4.3	-9.2	-3.7		
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	22.5	2.7	2.8	6.1	14.9	4.1		
Manufacture of rubber and plastic products	C22	13.0	9.6	4.8	2.6	2.0	12.1		
Manufacture of other non-metallic mineral products	C23	5.5	39.5	7.0	-1.0	6.0	5.7		
Manufacture of basic metals	C24	26.0	22.4	-2.8	-5.4	1.7	-3.7		
Manufacture of fabricated metal products, except machinery and equipment	C25	-16.7	21.6	-5.5	-2.0	-24.9	-10.3		
Manufacture of computer, electronic and optical products	C26	18.3	0.7	11.9	9.2	6.1	11.7		
Manufacture of electrical equipment	C27	15.7	11.1	2.9	10.4	13.3	12.1		
Manufacture of machinery and equipment n.e.c.	C28	13.1	16.9	2.0	1.1	5.5	-9.8		
Manufacture of motor vehicles, trailers and semi- trailers	C29	11.6	17.5	16.1	9.5	23.2	18.9		
Manufacture of other transport equipment	C30	-2.5	33.0	62.2	48.2	55.9	25.3		
Manufacture of furniture	C31	9.9	15.9	11.0	6.1	0.4	7.4		
Other manufacturing Repair and installation of machinery and	C32	7.2	-9.5	-1.0	-2.9	15.9	8.6		
equipment	C33	12.3	30.0	11.7	19.7	15.4	13.9		
Electricity, gas, steam and air conditioning supply	D	-4.9	-8.4	-2.4	7.8	-3.6	-6.0		
Electricity, gas, steam and air conditioning supply	D35	-4.9	-8.4	-2.4	7.8	-3.6	-6.0		

<sup>&</sup>lt;sup>1</sup> Working day adjusted. <sup>2</sup> '...' - Confidential data.





Table 3

# Industrial Production Indices<sup>1</sup> (Seasonally adjusted, 2015 = 100)

NA CE DC				201	2018								
NACE.BG - 2008	v	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	v
B_TO_E36	108.4	106.7	107.0	106.8	107.3	106.5	106.7	107.7	107.2	106.0	107.8	106.0	107.9
В	105.1	107.2	104.0	112.3	109.5	104.4	102.9	100.4	101.0	96.3	96.3	95.7	96.5
B05	107.8	101.5	92.7	94.7	95.2	93.6	79.4	86.0	81.6	74.8	92.7	73.5	87.5
B06													
B07	107.4	113.5	118.2	129.5	126.9	117.5	120.0	110.0	124.4	122.1	110.0	120.4	107.5
B08	81.2	87.6	76.9	79.5	82.5	84.8	95.1	89.8	113.5	105.3	92.9	104.2	102.3
B09													
$\mathbf{C}$	111.9	109.7	110.4	110.1	111.1	111.1	112.0	114.2	114.2	110.5	111.4	109.5	112.3
C10	105.2	110.3	106.9	102.8	103.7	104.8	105.1	110.7	110.1	103.6	110.0	101.9	105.3
C11	97.0	95.5	99.8	93.9	99.0	100.6	93.5	97.0	102.6	96.4	98.6	97.1	104.3
C12	81.1	76.4	60.9	71.4	68.8	65.5	64.0	57.7	57.4	63.7	60.4	61.1	65.1
C13	100.5	100.6	98.6	97.6	101.6	99.7	103.0	101.1	97.5	95.9	101.1	95.8	93.7
C14	98.4	98.5	96.2	93.8	97.4	96.1	99.5	95.5	92.2	93.6	95.1	90.3	91.2
C15	101.2	96.4	82.7	84.7	87.1	92.2	91.5	99.0	90.4	99.2	104.0	98.5	103.9
C16	91.5	88.8	84.7	81.0	84.0	83.8	84.4	87.5	87.8	79.5	79.4	82.3	82.5
C17	105.5	101.2	98.9	102.6	101.2	104.3	103.9	96.5	103.2	98.7	101.0	100.1	102.8
C18	106.0	102.1	105.8	99.8	100.2	102.5	99.5	98.6	105.4	98.0	103.5	105.6	108.0
C19													
C20	117.2	117.1	123.6	127.8	123.6	123.6	122.3	124.0	113.9	110.7	109.3	110.4	112.8
C21	106.0	111.2	112.7	111.0	108.1	98.6	112.4	115.2	109.5	104.5	110.1	108.7	109.7
C22	119.6	117.3	115.9	121.5	124.6	123.9	123.9	127.6	128.5	125.6	125.2	123.8	132.6
C23	100.9	98.4	99.6	102.5	101.0	104.1	104.9	103.0	116.8	108.1	103.8	106.5	107.0
C24	114.5	111.9	107.9	109.7	116.6	119.6	123.3	127.9	124.9	117.8	114.2	111.1	112.8
C25	142.4	131.3	156.3	138.7	126.3	137.2	135.3	123.0	128.7	126.7	133.7	117.0	127.9
C26	119.9	130.3	127.9	134.1	118.3	133.4	135.6	131.0	138.1	138.7	148.8	138.2	135.3
C27	107.0	106.9	103.7	103.8	110.8	109.9	107.5	113.2	111.1	106.5	112.7	115.3	118.2
C28	126.4	114.4	117.6	117.0	117.5	121.0	120.9	125.3	122.8	115.2	115.5	120.2	115.1
C29	117.6	111.9	117.3	116.1	123.0	128.4	127.2	128.1	132.0	131.7	131.6	136.5	138.8
C30	97.5	102.1	91.2	90.7	98.7	97.4	115.8	91.5	121.8	130.2	126.7	124.7	118.0
C31	109.6	104.9	102.1	102.3	100.5	99.5	101.4	112.2	114.4	112.9	113.6	108.7	116.7
C32	125.7	131.9	115.4	138.0	135.8	125.3	137.8	145.4	145.2	137.5	132.8	149.6	137.0
C33	110.9	97.2	120.1	95.2	104.9	90.2	106.4	111.1	112.1	107.4	113.6	111.7	124.5
D	97.7	96.8	96.3	95.2	94.5	90.5	92.2	92.7	93.9	95.4	98.8	92.6	92.3
D35	97.7	96.8	96.3	95.2	94.5	90.5	92.2	92.7	93.9	95.4	98.8	92.6	92.3

<sup>&</sup>lt;sup>1</sup> '..' - Confidential data.





Table 4

## Industrial Production Indices<sup>1</sup> (Working day adjusted, 2015 = 100)

NACE.BG -	2015	2016		2017							2018							
2008	V	V	V	VI	VII	VIII	IX	X	XI	XII	I	II	III	IV	V			
B_TO_E36	96.7	94.7	103.9	108.5	110.6	103.1	106.9	109.6	113.1	113.6	102.4	99.5	110.5	101.3	103.9			
В	95.5	91.4	98.4	102.2	103.0	110.6	113.5	118.1	111.4	109.2	97.9	90.3	92.0	89.5	90.3			
B05	78.1	72.4	92.5	81.5	85.8	92.3	102.3	115.8	93.0	104.2	94.5	74.5	82.2	54.4	72.0			
B06																		
B07	106.8	103.5	105.8	117.6	118.0	127.1	126.6	125.2	125.2	115.8	116.0	112.9	108.3	121.1	104.6			
B08	102.6	95.4	84.7	96.8	85.6	87.4	89.9	98.4	107.8	93.2	70.4	78.9	82.8	104.0	107.0			
B09																		
C	100.7	98.5	111.8	116.6	117.8	106.1	112.7	116.3	118.2	113.5	99.3	99.3	113.5	107.3	112.5			
C10	98.5	100.6	103.4	113.7	108.5	106.0	111.6	115.5	112.6	115.6	92.8	89.2	108.1	97.4	103.4			
C11	114.2	102.4	103.5	115.7	127.8	118.0	107.5	89.8	82.6	100.7	63.3	67.1	93.4	97.9	113.6			
C12	106.9	54.4	85.7	84.2	66.4	73.9	67.3	63.1	62.6	56.3	36.0	50.2	59.9	55.6	67.5			
C13	113.0	125.9	115.5	111.7	102.3	76.7	97.7	102.4	107.4	86.6	82.4	93.3	114.1	105.6	106.7			
C14	86.8	95.8	89.7	107.0	110.5	90.6	95.0	96.9	99.3	95.7	95.1	91.4	93.7	82.2	82.9			
C15	77.4	77.1	86.0	100.4	97.6	82.3	94.7	96.3	93.4	92.9	90.7	97.2	107.5	87.1	89.5			
C16	95.6	90.5	91.4	96.3	92.0	82.0	87.9	92.5	91.5	81.5	70.1	69.1	77.7	81.1	82.5			
C17	99.8	105.4	107.7	106.8	102.5	102.0	102.0	105.4	104.6	90.0	100.4	95.0	103.8	98.8	105.2			
C18	93.3	94.1	102.6	103.7	105.6	93.2	99.4	109.8	112.9	107.6	94.5	89.4	104.8	101.7	105.8			
C19											••							
C20	92.5	101.4	118.0	116.5	127.8	126.6	121.1	122.6	126.0	124.2	105.7	103.2	118.9	113.4	113.6			
C21	99.2	92.2	103.4	119.4	107.9	97.1	105.0	102.2	119.4	118.9	102.5	102.9	117.4	105.9	107.6			
C22	103.3	106.8	120.7	126.1	123.8	119.2	129.4	137.0	128.1	107.6	113.1	113.9		124.0	135.3			
C23	113.1	99.9	109.1	106.9	108.4	108.8	109.2	116.7	113.3	91.9	80.7	85.0	100.2	110.6	115.3			
C24	106.6	81.4	114.7	118.1	111.6	96.4	119.5	124.7	127.1	115.4	126.5	105.2	120.5	114.4	110.4			
C25	94.7	96.7	137.6	141.2	163.6	137.6	130.5		146.4		93.1	110.8	135.7	115.4	123.4			
C26	102.2	105.1	118.9	137.0	130.8	117.2	113.4		144.6		129.7	128.2	160.5	136.8	132.7			
C27	101.9	97.5	105.1	113.0	110.0	89.8	112.7	122.3	116.9	102.4	103.0		118.6	112.9	117.8			
C28	101.0	94.9		123.6	125.0		115.7		128.9		108.2	110.0		121.4	115.1			
C29	96.4	112.7	118.3	113.8	115.3	95.6	122.9		135.3		134.8		140.9	137.3	140.6			
C30	122.1	105.4	110.4	107.2	86.9	77.6	90.9			89.1	115.2	128.5		133.3	138.3			
C31	96.3	100.7	108.1	106.6	104.5	101.7	103.8		111.1		98.1		113.9	106.3	116.1			
C32	94.9	117.6	125.3	149.4	114.1	141.7	144.4		145.5		125.1	119.0		145.3	136.0			
C33	96.0	91.4	104.9	98.1	123.9	92.4	110.5		124.4		79.1		110.9	99.0	119.5			
D	83.8	83.3	80.1	84.1	89.1	87.3	83.0	83.9		116.3	116.9	104.6		82.8	75.3			
D35	83.8	83.3	80.1	84.1	89.1	87.3	83.0	83.9	98.3	116.3	116.9	104.6	107.6	82.8	75.3			

<sup>1 &#</sup>x27;...' - Confidential data.