



## INDUSTRIAL PRODUCTION INDICES IN JULY 2017<sup>1</sup>

According to the preliminary data the Industrial Production Index<sup>2</sup>, seasonally adjusted<sup>3</sup>, increased by 0.2% in July 2017 as compared to June 2017.

In July 2017 working day adjusted<sup>4</sup> Industrial Production Index rose by 4.2% in comparison with the same month of 2016.

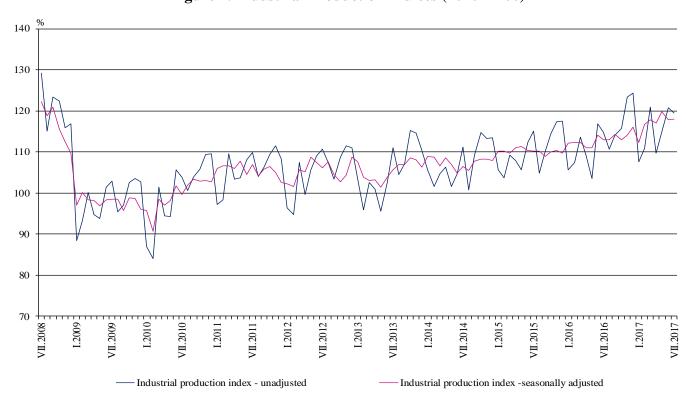


Figure 1. Industrial Production Indices (2010 = 100)

<sup>&</sup>lt;sup>1</sup> July 2017 data are preliminary. The final data on Industrial Production and Turnover Indices for June 2017 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).



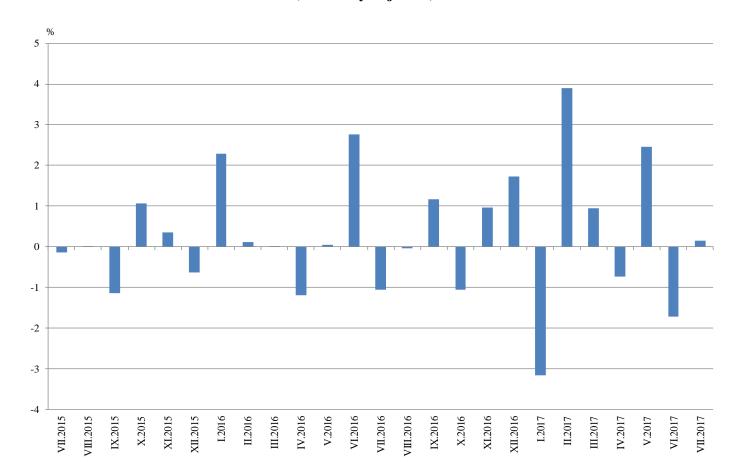


## **Monthly comparisons**

In July 2017 as compared to June 2017, the seasonally adjusted Industrial Production Index increased in the manufacturing by 0.5%, while a decrease was seen in the mining and quarrying industry by 3.4% and in the electricity, gas, steam and air conditioning supply by 0.7%.

The most significant production increases in the manufacturing were registered in the repair and installation of machinery and equipment by 23.6%, in the manufacture of fabricated metal products, except machinery and equipment by 19.8%, in the manufacture of chemicals and chemical products by 11.8%, in the manufacture of beverages by 4.7%. There were decreases in the manufacture of tobacco products by 21.4%, in the manufacture of leather and related products by 13.1%, in the manufacture of other transport equipment by 8.1%, in the manufacturing of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials by 5.0%.

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





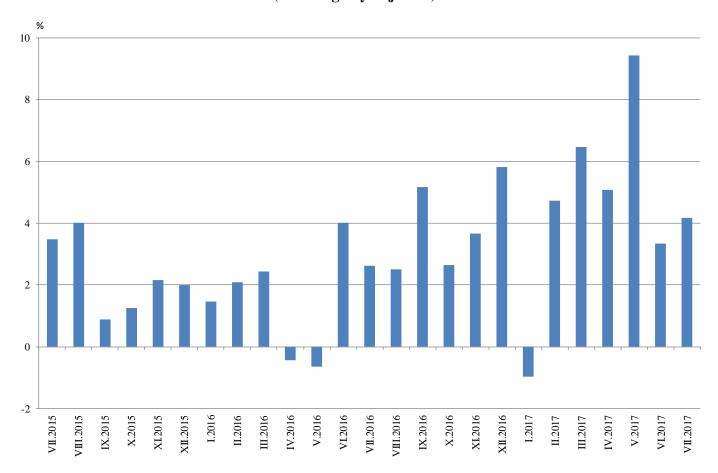


## **Annual comparisons**

On annual basis in July 2017 Industrial Production Index calculated from working day adjusted data rose in the manufacturing by 6.3%, while the production went down in the electricity, gas, steam and air conditioning supply by 1.4% and in mining and quarrying industry by 0.8%.

In the manufacturing, the more significant increases compared to the same month of the previous year were registered in the manufacture of fabricated metal products, except machinery and equipment by 37.7%, in the repair and installation of machinery and equipment by 24.6%, in the manufacture of basic pharmaceutical products and pharmaceutical preparations by 19.9%, in the manufacture of computer, electronic and optical products by 19.0%. Decreases were seen in the manufacture of tobacco products by 26.4%, in the manufacture of leather and related products by 15.7%, in the manufacture of wearing apparel by 11.6%, in the manufacture of beverages by 7.1%.

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  $\mathrm{month}^{1,2}$ 

						(P	er cent)			
Economic activities	NACE.BG -	2017								
Economic activities	2008	II	III	IV	v	VI	VII			
Industry	B_TO_E36	3.9	0.9	-0.7	2.5	-1.7	0.2			
Mining and quarrying	В	5.1	-5.9	-2.9	4.0	0.7	-3.4			
Mining of coal and lignite	B05	19.9	-8.1	-3.1	11.0	-4.5	-6.8			
Extraction of crude petroleum and natural gas	B06									
Mining of metal ores	B07	4.0	0.7	-6.8	-1.8	11.2	-4.5			
Other mining and quarrying	B08	18.7	-11.8	-0.1	-0.5	6.2	-10.9			
Mining support service activities	B09					••				
Manufacturing	$\mathbf{C}$	6.3	2.6	-1.2	2.3	-2.5	0.5			
Manufacture of food products	C10	6.3	-1.3	-3.9	6.4	4.7	-3.4			
Manufacture of beverages	C11	12.6	0.0	-4.0	0.7	-3.4	4.7			
Manufacture of tobacco products	C12	1.3	-0.5	5.2	5.0	-10.9	-21.4			
Manufacture of textiles	C13	16.1	-5.2	2.3	0.5	-2.8	-1.0			
Manufacture of wearing apparel	C14	4.1	2.7	-6.8	2.1	-0.1	-4.9			
Manufacture of leather and related products	C15	-1.2	9.2	-4.3	5.6	-5.6	-13.			
Manufacture of wood and of products of wood and	G1.c	0.0	0.1	2.2	0.2					
cork, except furniture; manufacture of articles of straw and plaiting materials	C16	9.9	-8.1	3.2	-0.2	-4.4	-5.0			
Manufacture of paper and paper products	C17	0.5	-1.7	-5.3	6.1	-3.3	-2.2			
Printing and reproduction of recorded media	C18	1.2	5.9	-8.3	5.4	-2.7	2.4			
Manufacture of coke and refined petroleum products	C19									
Manufacture of chemicals and chemical products	C20	10.0	-3.6	5.3	-2.4	-4.6	11.			
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-4.2	4.1	-10.1	15.0	6.1	-1.3			
Manufacture of rubber and plastic products	C22	4.0	4.7	-4.0	2.6	-2.3	-3.2			
Manufacture of other non-metallic mineral products	C23	10.1	0.4	0.1	-1.0	-2.3	1.9			
Manufacture of basic metals	C24	7.1	2.5	-4.6	3.1	-2.6	-4.9			
Manufacture of fabricated metal products, except	C25	25.5		17.7	-11.7	-7.1	19.8			
machinery and equipment	C23	35.5	4.8	17.7	-11./	-/.1	19.0			
Manufacture of computer, electronic and optical products	C26	-8.6	13.2	-6.6	-7.7	9.6	-2.3			
Manufacture of electrical equipment	C27	1.5	2.8	-3.5	7.7	-0.4	-4.2			
Manufacture of machinery and equipment n.e.c.	C28	7.5	1.1	2.1	11.0	-10.0	2.5			
Manufacture of motor vehicles, trailers and semi- trailers	C29	-0.3	2.8	-4.7	3.3	-5.2	3.0			
Manufacture of other transport equipment	C30	-12.6	-2.8	-4.6	9.8	5.9	-8.			
Manufacture of furniture	C31	6.7	4.8	-0.1	1.6	-4.3	-3.0			
Other manufacturing	C32	-8.7	-5.4	3.8	-9.0	3.6	-7.5			
Repair and installation of machinery and equipment	C33	9.7	-0.9	3.5	12.9	-11.8	23.6			
Electricity, gas, steam and air conditioning supply	D	-7.7	-5.8	3.8	2.0	0.1	-0.7			
Electricity, gas, steam and air conditioning supply	D35	-7.7	-5.8	3.8	2.0	0.1	-0.7			

<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							
Economic activities	2008	II	III	IV	V	VI	VII		
Industry	<b>B_TO_E36</b>	4.7	6.5	5.1	9.4	3.3	4.2		
Mining and quarrying	В	14.9	4.2	-2.0	6.2	7.8	-0.8		
Mining of coal and lignite	B05	25.0	35.8	18.8	25.6	29.8	7.2		
Extraction of crude petroleum and natural gas	B06								
Mining of metal ores	B07	25.3	-1.6	-7.4	0.4	1.4	-2.5		
Other mining and quarrying	B08	-1.6	-17.3	-13.0	-12.5	-2.7	-17.9		
Mining support service activities	B09								
Manufacturing	$\mathbf{C}$	5.2	10.3	8.6	13.7	4.7	6.3		
Manufacture of food products	C10	2.5	3.0	-1.2	2.7	8.6	3.4		
Manufacture of beverages	C11	-3.3	0.5	-9.2	2.7	-8.9	-7.1		
Manufacture of tobacco products	C12	-16.3	-3.1	35.2	60.1	20.6	-26.4		
Manufacture of textiles	C13	-1.2	-5.2	0.2	-5.5	-1.7	-0.3		
Manufacture of wearing apparel	C14	0.1	7.3	-6.0	-2.7	-2.5	-11.6		
Manufacture of leather and related products	C15	-5.8	5.7	-4.9	10.2	3.4	-15.7		
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-4.0	-10.3	1.7	1.1	-2.1	-4.7		
Manufacture of paper and paper products	C17	4.5	1.8	-4.4	2.5	-4.5	-5.0		
Printing and reproduction of recorded media	C18	-6.8	5.0	0.6	9.1	1.1	3.0		
Manufacture of coke and refined petroleum products	C19								
Manufacture of chemicals and chemical products	C20	10.5	17.6	22.1	12.8	12.0	8.8		
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-7.1	2.5	-7.4	13.8	16.4	19.9		
Manufacture of rubber and plastic products	C22	7.9	14.1	8.9	14.8	7.0	3.7		
Manufacture of other non-metallic mineral products	C23	5.2	4.0	2.8	9.4	1.1	6.8		
Manufacture of basic metals	C24	30.2	52.5	8.9	41.8	46.3	-4.6		
Manufacture of fabricated metal products, except machinery and equipment	C25	13.6	15.6	43.0	38.4	-8.4	37.7		
Manufacture of computer, electronic and optical products	C26	27.1	43.5	30.9	13.4	26.0	19.0		
Manufacture of electrical equipment	C27	-5.2	-0.1	-1.4	9.4	4.0	-1.5		
Manufacture of machinery and equipment n.e.c.	C28	12.5	12.5	21.4	35.3	11.6	12.2		
Manufacture of motor vehicles, trailers and semi- trailers	C29	6.0	8.1	2.5	4.7	-2.3	5.6		
Manufacture of other transport equipment	C30	-9.8	-16.4	-23.5	2.7	16.8	0.5		
Manufacture of furniture	C31	-0.6	1.7	3.9	7.3	6.3	-3.8		
Other manufacturing	C32	25.0	10.1	29.7	3.4	9.5	7.9		
Repair and installation of machinery and equipment	C33	10.7	12.3	5.6	14.8	5.2	24.6		
Electricity, gas, steam and air conditioning supply	D	2.1	-5.0	-4.0	-5.1	-4.5	-1.4		
Electricity, gas, steam and air conditioning supply	D35	2.1	-5.0	-4.0	-5.1	-4.5	-1.4		

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





Table 3
Industrial Production Indices<sup>1</sup>
(Seasonally adjusted, 2010 = 100)

NACE.BG -			201			dajaste	2017							
2008	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	VI	VII	
B_TO_E36	112.9	112.9	114.2	113.0	114.1	116.0	112.4	116.7	117.8	117.0	119.9	117.8	118.0	
В	100.1	99.1	101.2	101.0	104.5	104.0	103.7	109.0	102.6	99.7	103.6	104.4	100.9	
B05	99.6	93.1	93.6	106.2	118.0	104.5	101.4	121.6	111.7	108.3	120.2	114.8	106.9	
<b>B</b> 06														
<b>B07</b>	101.2	94.6	105.5	99.3	108.7	105.2	96.8	100.7	101.4	94.6	92.9	103.3	98.7	
B08	105.9	108.7	99.7	95.5	100.1	94.0	89.6	106.3	93.7	93.6	93.2	98.9	88.1	
<b>B09</b>					••						••			
$\mathbf{C}$	118.5	118.5	120.3	118.7	120.3	122.8	116.7	124.1	127.3	125.8	128.7	125.5	126.2	
C10	92.5	95.7	90.4	91.9	92.1	89.9	88.3	93.8	92.5	88.9	94.6	99.0	95.7	
C11	108.6	105.6	104.1	106.1	105.0	102.7	91.0	102.5	102.4	98.3	99.0	95.6	100.1	
C12	79.3	73.3	65.0	76.6	78.4	81.0	78.3	79.4	79.0	83.1	87.2	77.7	61.1	
C13	106.6	105.4	109.2	109.1	108.9	101.3	98.7	114.6	108.6	111.1	111.7	108.6	106.8	
C14	100.6	93.4	100.5	97.1	90.2	94.5	94.0	97.8	100.4	93.6	95.5	95.4	90.8	
C15	73.2	64.4	74.9	71.8	75.1	69.8	71.6	70.8	77.3	74.0	78.1	73.7	64.1	
C16	86.8	88.3	82.6	86.2	84.4	85.5	88.3	97.0	89.2	92.0	91.9	87.8	83.4	
C17	129.4	132.4	129.0	129.5	138.8	129.0	131.3	132.0	129.8	122.9	130.5	126.1	123.4	
C18	118.2	116.0	115.8	120.4	122.0	114.1	117.7	119.1	126.2	115.7	122.0	118.7	121.5	
C19														
C20	122.1	122.4	118.5	125.0	117.9	111.7	114.2	125.6	121.1	127.6	124.5	118.8	132.8	
C21	141.7	138.1	140.7	145.9	148.7	141.4	151.8	145.5	151.5	136.3	156.8	166.4	164.2	
C22	142.3	145.5	143.2	147.5	154.1	148.0	148.9	154.9	162.2	155.6	159.7	156.0	151.0	
C23	119.9	122.8	119.3	122.0	120.4	121.4	117.0	128.8	129.3	129.4	128.2	125.3	127.7	
C24	92.4	96.5	100.5	103.4	105.7	108.1	105.5	113.0	115.9	110.5	114.0	111.1	105.6	
C25	151.2	155.8	181.7	148.7	168.4	190.3	124.8	169.2	177.4	208.8	184.5	171.3	205.3	
C26	156.9	157.7	159.4	175.8	171.7	158.7	196.2	179.3	203.1	189.6	174.9	191.6	187.2	
C27	148.6	146.6	148.0	146.4	148.1	144.6	142.9	145.0	149.0	143.8	154.9	154.3	147.8	
C28	148.6	142.8	139.1	145.5	156.2	158.0	146.9	157.9	159.7	163.0	180.9	162.8	166.8	
C29	169.2	174.4	169.4	174.6	176.5	179.5	181.4	180.9	185.9	177.2	183.1	173.6	179.8	
C30	84.7	99.9	87.3	80.9	81.3	83.1	98.8	86.3	83.9	80.1	87.9	93.1	85.5	
C31	132.5	126.9	131.8	133.6	138.6	130.4	122.3	130.6	136.9	136.8	139.0	133.0	129.0	
C32	191.2	214.8	222.1	211.6	230.6	237.7	268.8	245.6	232.2	241.0	219.3	227.2	210.2	
C33	89.6	80.8	95.1	85.6	84.3	89.0	78.5	86.1	85.4	88.3	99.7	87.9	108.7	
D	103.1	104.3	102.6	102.1	100.7	102.5	111.4	102.8	96.9	100.5	102.6	102.7	101.9	
D35	103.1	104.3	102.6	102.1	100.7	102.5	111.4	102.8	96.9	100.5	102.6	102.7	101.9	

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





Table 4

## Industrial Production Indices<sup>1</sup> (Working day adjusted, 2010 = 100)

NACE.BG -	2014	2015	2016						2017							
2008	VII	VII	VII	VIII	IX	X	XI	XII	I	II	III	IV	V	VI	VII	
B_TO_E36	109.8	113.7	116.6	109.2	114.1	117.7	122.4	122.5	106.8	111.1	119.9	113.0	114.3	119.7	121.5	
В	93.8	97.2	98.8	95.7	104.6	111.7	117.1	114.4	99.2	105.2	98.8	92.0	96.1	99.9	98.0	
B05	81.5	107.5	91.2	90.1	100.8	131.1	135.9	127.0	116.6	123.3	97.9	90.0	103.2	91.3	97.8	
B06																
<b>B07</b>	96.1	87.0	101.2	94.6	105.5	99.3	108.7	105.2	96.8	100.7	101.4	94.6	92.9	103.3	98.7	
B08	125.2	134.3	121.3	122.6	109.5	112.6	112.2	97.1	52.1	79.5	83.7	92.4	96.6	110.5	99.6	
B09																
C	117.9	122.3	126.7	115.6	123.3	126.4	129.0	122.9	100.1	112.8	129.2	124.7	127.9	133.5	134.7	
C10	91.5	87.2	93.8	98.9	97.5	101.4	99.0	94.0	74.0	81.2	90.8	85.3	92.6	101.9	97.0	
C11	117.4	124.0	137.6	135.5	112.4	93.4	94.9	106.6	54.9	71.8	96.8	101.4	105.9	115.3	127.9	
C12	128.5	105.1	97.9	72.3	65.6	75.2	79.3	89.8	60.6	63.3	85.5	77.0	87.3	83.4	72.0	
C13	114.9	116.8	111.8	84.0	105.1	113.0	113.6	87.7	82.8	112.4	121.3	122.8	128.4	120.8	111.5	
C14	108.8	110.1	117.8	91.0	98.9	99.6	87.3	95.1	98.0	95.1	96.8	85.4	86.7	105.0	104.1	
C15	91.3	97.3	89.3	63.7	83.3	74.7	77.4	64.2	73.2	68.2	77.5	65.3	65.5	76.3	75.3	
C16	114.3	101.3	96.3	90.3	87.9	97.7	93.9	79.6	67.7	83.5	87.8	90.4	91.2	96.2	91.7	
C17	127.9	123.5	134.4	131.0	129.9	129.8	138.7	121.7	122.9	125.4	135.4	124.1	133.9	132.9	127.6	
C18	104.9	111.6	116.9	109.3	116.0	129.0	140.0	126.5	103.5	109.9	127.4	110.3	117.3	119.5	120.4	
C19																
C20	98.3	125.3	124.3	117.0	119.1	125.1	121.5	108.9	105.5	117.9	131.5	131.9	124.7	122.9	135.3	
C21	128.5	139.5	132.2	118.0	137.0	158.1	155.8	144.7	142.6	148.8	164.9	135.5	153.5	178.1	158.6	
C22	145.2	146.1	154.3	143.1	148.1	161.5	159.6	127.3	131.0	143.1	166.9	157.5	161.0	168.4	159.9	
C23	125.6	141.0	130.5	130.8	129.4	136.4	132.5	109.2	77.1	104.4	129.9	133.6	140.1	136.2	139.5	
C24	126.2	119.3	114.6	89.6	91.5	115.8	112.8	90.9	102.3	107.4	125.9	109.8	113.3	116.7	109.4	
C25	124.8	133.0	155.7	150.9	189.3	152.3	185.1	221.2	97.2	149.6	176.5	207.1	174.9	182.1	214.4	
C26	146.9	153.5	160.9	137.2	158.0	183.9	182.8	171.4	181.5	165.0	214.5	187.6	173.0	201.9	191.5	
C27	132.2	157.0	158.6	130.0	148.6	160.5		129.0	130.0	141.3	160.4	138.6	152.6	164.3	156.2	
C28	144.7	150.0	158.1	128.4		149.4		152.2	128.9	153.3		163.3	182.1	176.1	177.4	
C29	135.8	160.3	168.5	146.1	169.7	187.8		161.3	177.7	180.2	201.3	177.0	185.7	177.5	178.0	
C30	103.3	86.6	84.2	85.5	78.2	75.3		85.0	81.1	78.2	94.4	84.3	103.6	100.3	84.6	
C31	129.3	129.9	137.0	127.3	139.1	148.9		131.9	102.9		135.3	134.0	135.9	134.4	131.8	
C32	164.8	186.1	192.5	220.0	233.1	242.5		205.0	237.5	211.0	235.4	232.3	216.5	256.9	207.7	
C33	86.7	91.8	89.9	79.6	100.0	92.2		121.0	55.5	72.1	82.9	78.3	94.7	87.9	112.0	
D	94.0	95.7	94.8	95.1	90.4	96.1		128.9	134.8	112.9		90.2	83.1	88.4	93.5	
D35	94.0	95.7	94.8	95.1	90.4	96.1	108.6	128.9	134.8	112.9	105.0	90.2	83.1	88.4	93.5	

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