



INDUSTRIAL PRODUCTION INDICES IN JANUARY 20201

According to the preliminary data in January 2020 the Industrial Production Index², seasonally adjusted³, increased by 1.6% as compared to December 2019.

In January 2020 the working day adjusted⁴ Industrial Production Index decreased by 0.7% in comparison with the same month of 2019.

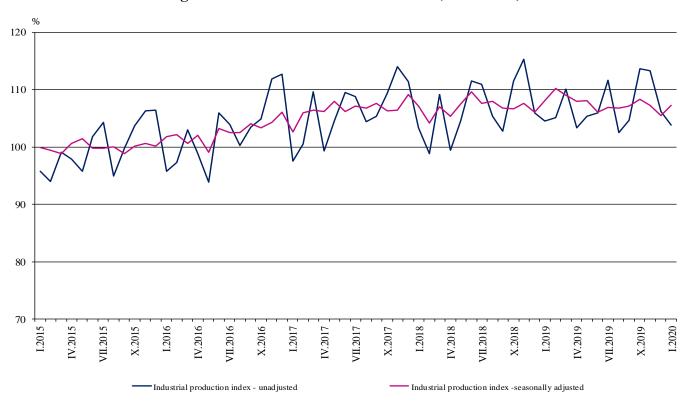


Figure 1. Industrial Production Indices (2015 = 100)

¹ January 2020 data are preliminary. The final data on Industrial Production and Turnover Indices for December 2019 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).



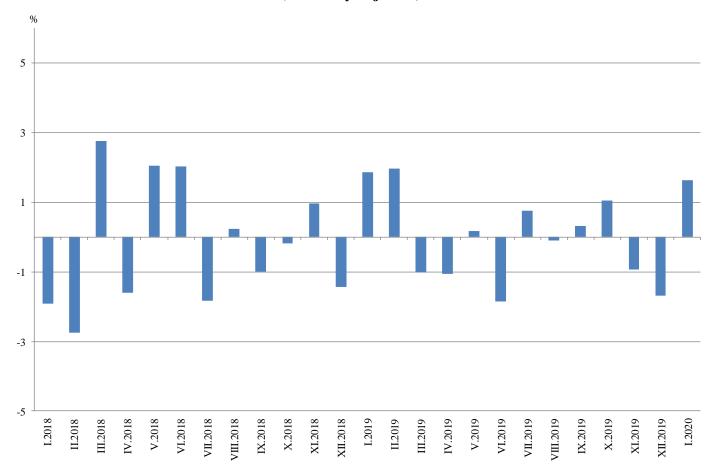


Monthly changes

In January 2020 as compared to December 2019, the seasonally adjusted Industrial Production Index rose in the manufacturing by 3.6% and in the electricity, gas, steam and air conditioning supply by 0.6%, while the production went down in the mining and quarrying industry by 3.3%.

The most significant production increases in the manufacturing were registered in the repair and installation of machinery and equipment by 27.4%, in the manufacture of fabricated metal products, except machinery and equipment by 23.5%, in the manufacture of motor vehicles, trailers and semi-trailers by 19.8%, in the manufacture of beverages by 16.0%. Important decreases were seen in the manufacture of computer, electronic and optical products by 11.7%, in the manufacture of tobacco products by 10.5%.

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





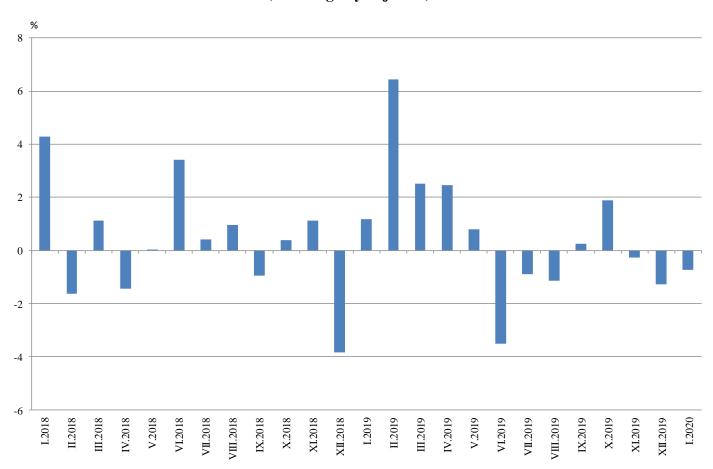


Annual changes

On annual basis in January 2020 Industrial Production Index calculated from working day adjusted data fell in the mining and quarrying industry by 11.7% and in the electricity, gas, steam and air conditioning supply by 7.2%, while the production rose in the manufacturing by 2.1%,

In the manufacturing, the more considerable increases compared to the same month of the previous year were registered in the manufacture of tobacco products by 26.8%, in the manufacture of other transport equipment by 24.1%, in the manufacture of beverages by 15.2%, in the manufacture of motor vehicles, trailers and semi-trailers by 13.4%. Major decreases were seen in the manufacture of wearing apparel by 10.0%, in the manufacturing of paper and paper products and in the manufacture of machinery and equipment n.e.c. by 8.5%.

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







Annex Changes of Industrial Production Indices compared to the previous month¹

(Per cent)

Table 1

		(Per cent)								
Economic activities	NACE.BG - 2008	VIII	IX	2019 X	XI	XII	2020 I*			
Industry	B_TO_E36	-0.1	0.3	1.0	-0.9	-1.7	1.6			
•	В_10_250	-6.5			-3.8		-3.3			
Mining and quarrying			10.9	0.9		4.0				
Mining of coal and lignite	B05	-1.7	13.3	-10.0	-8.4	4.2	-12.2			
Extraction of crude petroleum and natural gas	B06					••				
Mining of metal ores	B07	-15.0	17.4	14.8	-6.6	6.8	-11.2			
Other mining and quarrying	B08	-0.9	5.5	-1.1	3.2	-7.0	29.6			
Mining support service activities	B09	••		••						
Manufacturing	C	0.8	-0.1	1.8	-0.1	-2.1	3.6			
Manufacture of food products	C10	2.6	-2.2	5.7	-3.7	0.4	8.9			
Manufacture of beverages	C11	5.3	-1.6	2.7	-4.2	-4.4	16.0			
Manufacture of tobacco products	C12	-18.2	17.1	-3.2	4.0	-11.0	-10.5			
Manufacture of textiles	C13	-0.6	8.9	-2.5	1.1	-1.3	12.6			
Manufacture of wearing apparel	C14	-2.8	3.1	-1.3	-1.0	-3.8	0.3			
Manufacture of leather and related products	C15	-5.0	8.0	3.8	10.2	-14.2	3.5			
Manufacture of wood and of products of wood and										
cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-4.1	8.1	-1.0	0.4	6.5	2.0			
Manufacture of paper and paper products	C17	-2.7	-1.0	2.3	-1.9	0.4	-2.0			
Printing and reproduction of recorded media	C18	-5.0	-0.9	0.9	8.7	-14.5	5.7			
Manufacture of coke and refined petroleum products	C19									
Manufacture of chemicals and chemical products	C20	-6.0	4.1	3.2	-4.9	6.0	-0.4			
Manufacture of basic pharmaceutical products and	C21	-10.2	-3.3	2.1	10.5	-11.7	7.3			
pharmaceutical preparations										
Manufacture of rubber and plastic products	C22	0.5	-0.6	3.0	2.9	-1.3	-0.3			
Manufacture of other non-metallic mineral products	C23	-0.5	1.6	2.0	2.6	6.3	1.8			
Manufacture of basic metals	C24	3.6	1.3	3.4	-0.1	0.5	0.4			
Manufacture of fabricated metal products, except machinery and equipment	C25	11.6	-8.6	0.4	-0.5	-13.3	23.5			
Manufacture of computer, electronic and optical products	C26	8.9	-5.4	-0.6	1.6	10.7	-11.7			
Manufacture of electrical equipment	C27	4.0	-1.5	-3.8	5.1	-4.9	1.8			
Manufacture of machinery and equipment n.e.c.	C28	-4.5	4.4	3.3	-4.7	-6.5	8.2			
Manufacture of motor vehicles, trailers and semi- trailers	C29	1.6	1.8	-0.6	-0.6	-14.4	19.8			
Manufacture of other transport equipment	C30	5.4	-6.3	5.9	7.6	-3.2	5.3			
Manufacture of furniture	C31	-3.6	-2.5	1.1	1.6	-3.9	6.3			
Other manufacturing	C32	-27.8	10.9	17.7	16.0	-2.1	-2.7			
Repair and installation of machinery and equipment	C33	5.3	0.1	1.5	-11.4	-4.7	27.4			
Electricity, gas, steam and air conditioning supply	D	-0.6	-1.0	-4.6	-1.0	0.9	0.6			
Electricity, gas, steam and air conditioning supply	D35	-0.6	-1.0	-4.6	-1.0	0.9	0.6			

¹ Seasonally adjusted. * Preliminary data.

[&]quot;.." - Confidential data.

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 $\textbf{Table 2} \\ \textbf{Changes of Industrial Production Indices compared to the same month of the previous year}^{\text{l}}$

	1	T				(Per cent)
Economic activities	NACE.BG -			2020			
Economic activities	2008	VIII	IX	X	XI	XII	I*
Industry	B_TO_E36	-1.2	0.2	1.9	-0.3	-1.3	-0.7
Mining and quarrying	В	1.0	8.3	9.9	1.9	4.4	-11.7
Mining of coal and lignite	B05	-3.9	23.4	-10.5	-14.7	-19.3	-37.2
Extraction of crude petroleum and natural gas	B06						
Mining of metal ores	B07	1.4	0.9	29.3	10.8	22.2	3.6
Other mining and quarrying	B08	5.6	-2.9	9.7	13.8	11.0	14.4
Mining support service activities	B09	••					
Manufacturing	\mathbf{C}	-1.0	-0.1	2.4	1.6	0.0	2.1
Manufacture of food products	C10	6.5	3.8	12.9	8.2	4.9	5.2
Manufacture of beverages	C11	6.6	-0.5	5.7	-4.8	-4.5	15.2
Manufacture of tobacco products	C12	-24.6	-4.5	-28.1	-14.9	-32.3	26.8
Manufacture of textiles	C13	-9.8	6.6	0.4	1.8	-3.5	9.0
Manufacture of wearing apparel Manufacture of leather and related products	C14 C15	-11.9 -6.5	-4.7 1.5	-2.4 -0.6	-8.1 14.3	-5.8 -1.6	-10.0 -0.1
	CIS	-0.5	1.3	-0.0	14.3	-1.0	-0.1
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-4.0	-0.1	2.5	3.9	7.8	7.6
Manufacture of paper and paper products	C17	-5.1	-7.1	-8.3	-4.9	-1.8	-8.5
Printing and reproduction of recorded media	C18	6.0	8.7	5.7	21.3	1.0	-0.5
Manufacture of coke and refined petroleum products	C19						
Manufacture of chemicals and chemical products	C20	-8.3	3.6	-5.9	6.6	3.4	-0.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-2.8	-19.1	-7.0	3.2	-17.1	-0.1
Manufacture of rubber and plastic products	C22	4.4	-0.5	2.3	3.2	-0.3	0.6
Manufacture of other non-metallic mineral products	C23	-0.6	4.7	-0.5	1.5	8.9	2.9
Manufacture of basic metals	C24	-10.2	-8.0	18.6	1.0	-12.1	8.5
Manufacture of fabricated metal products, except machinery and equipment	C25	-1.5	0.7	-1.1	-6.3	-0.3	4.4
Manufacture of computer, electronic and optical products	C26	14.5	3.5	4.8	13.4	31.3	8.4
Manufacture of electrical equipment	C27	2.3	5.2	-1.5	3.0	-1.2	-2.8
Manufacture of machinery and equipment n.e.c.	C28	-5.9	-3.7	-2.0	-7.4	-13.9	-8.5
Manufacture of motor vehicles, trailers and semi- trailers	C29	6.4	4.0	3.2	-1.1	10.3	13.4
Manufacture of other transport equipment	C30	52.1	26.0	5.9	15.0	40.9	24.1
Manufacture of furniture	C31	-3.0	-8.9	-6.1	-4.7	-7.3	-0.7
Other manufacturing	C32	-10.6	-0.1	35.4	32.9	26.3	7.2
Repair and installation of machinery and equipment	C33	-10.4	-3.9	2.0	-7.3	-17.1	0.1
Electricity, gas, steam and air conditioning supply	D	-3.7	-2.5	-6.0	-10.3	-9.0	-7.2
Electricity, gas, steam and air conditioning supply	D35	-3.7	-2.5	-6.0	-10.3	-9.0	-7.2

¹ Working day adjusted.

^{*} Preliminary data.

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NACE.BG -	(Scasonary adjusted, 2013 = 100) 2019													
2008	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I*	
B_TO_E36	108.1	110.2	109.1	107.9	108.1	106.1	106.9	106.8	107.2	108.3	107.3	105.5	107.2	
В	117.2	112.7	100.7	97.3	107.9	95.0	102.3	95.6	106.1	107.0	102.9	107.0	103.5	
B05	113.7	98.7	90.2	78.2	93.3	75.4	78.3	76.9	87.1	78.4	71.8	74.8	65.7	
B 06						••								
B07	123.1	121.2	109.5	116.4	121.5	117.4	125.8	106.9	125.4	144.0	134.4	143.5	127.5	
B08	114.8	118.0	113.5	98.0	103.1	94.2	101.6	100.7	106.2	105.0	108.4	100.8	130.6	
B09														
C	115.4	118.1	116.7	114.8	114.4	113.2	113.0	113.9	113.9	116.0	115.8	113.3	117.4	
C10	113.9	110.2	107.1	107.4	109.9	106.3	107.3	110.1	107.7	113.8	109.5	110.0	119.7	
C11	100.9	107.3	105.8	102.3	102.4	104.6	101.9	107.2	105.5	108.3	103.8	99.2	115.1	
C12	29.4	33.1	39.1	45.3	52.0	38.9	51.0	41.7	48.8	47.3	49.2	43.7	39.1	
C13	101.7	93.2	93.5	85.9	89.2	99.4	93.1	92.5	100.8	98.3	99.4	98.1	110.4	
C14	88.2	86.2	88.8	85.1	84.6	82.5	83.9	81.6	84.1	83.0	82.2	79.1	79.4	
C15	92.9	96.5	95.8	96.2	106.8	93.3	89.1	84.6	91.4	94.9	104.6	89.8	92.9	
C16	79.7	80.9	80.6	75.9	79.5	72.1	76.5	73.3	79.3	78.5	78.8	83.9	85.6	
C17	103.6	99.0	102.0	100.9	102.7	97.4	99.6	96.8	95.9	98.1	96.2	96.6	94.7	
C18	112.3	121.0	119.0	122.4	128.1	120.1	119.8	113.8	112.8	113.9	123.8	105.9	111.9	
C19														
C20	119.2	119.8	122.7	114.3	121.9	115.5	117.0	109.9	114.3	118.0	112.3	119.0	118.6	
C21	116.4	114.8	120.3	115.5	117.1	118.5	124.6	111.8	108.1	110.4	122.0	107.7	115.6	
C22	137.9	140.8	142.8	136.9	134.8	134.0	133.1	133.7	133.0	136.9	140.9	139.1	138.8	
C23	120.6	118.7	119.0	107.8	109.0	108.3	108.9	108.4	110.2	112.4	115.2	122.5	124.6	
C24	113.2	114.1	110.9	104.6	99.4	98.5	102.8	106.5	108.0	111.6	111.5	112.1	112.5	
C25	120.3	136.6	126.0	116.1	116.3	123.4	115.0	128.2	117.2	117.7	117.2	101.6	125.5	
C26	144.5	156.3	144.8	150.7	144.7	158.7	154.1	167.8	158.7	157.8	160.4	177.6	156.9	
C27	127.0	130.2	127.5	131.7	127.2	124.8	123.3	128.3	126.4	121.6	127.8	121.5	123.6	
C28	127.6	123.1	125.1	126.1	123.5	120.5	117.6	112.3	117.2		115.4	107.8	116.6	
C29	135.0	144.1	146.2	149.4	151.4	143.9	146.5	148.8	151.5	150.6	149.6	128.0	153.4	
C30	149.3	170.1	165.1	158.4	154.8	142.7	159.9	168.5	157.9	167.2	179.9	174.1	183.3	
C31	105.5	107.4	105.3	97.9	104.4	106.1	106.2	102.4	99.8	101.0	102.5	98.5	104.7	
C32	164.1	164.2	150.6	136.1	148.3	153.0	168.6	121.7	135.0	158.9	184.4	180.5	175.7	
C32	138.8	146.4	126.8	138.5	126.7	138.0	120.4	126.8	126.9	128.9	114.2	108.8	138.6	
D 35	84.1 84.1	83.7 83.7	84.0 84.0	81.9 81.9	82.3 82.3	81.5 81.5	82.9 82.9	82.3 82.3	81.5 81.5	77.8 77.8	76.9 76.9	77.6 77.6	78.1 78.1	

^{*} Preliminary data.

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Table 4

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

NA CE DC	(Working day adjusted, 2015 = 100) 2. 2017 2018 2019									2020					
NACE.BG - 2008	I	I	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I*
B_TO_E36	98.2	102.5	103.7	105.2	112.6	103.1	104.7		110.2	102.8	106.2	112.1	l.	107.9	102.9
В	101.4	97.9	115.8	106.7	95.3	89.6	101.3	91.3	100.6	93.0	110.3	121.3		116.5	102.3
B05	103.8	94.5	128.9	100.2	79.6	57.6	78.5	56.9	70.7	72.6	92.6	100.7	85.0	93.6	80.9
B06									••	••					
B07	110.3	116.0	123.1	121.2	109.5	116.4	121.5	117.4	125.8	106.9	125.4	144.0	134.4	143.5	127.5
B08 B09	46.1	69.8	75.7	91.6	103.8	98.1	108.2		109.8	107.8	117.3	119.6		99.7	86.6
C	 89.4	 99.5	102.4	108.8	120.3	112.3	 114.4	 119.8	 119.3	 109.9	 114.4	 122.1	123.2	 109.7	 104.6
C10	87.0	92.2	97.6	95.6	105.4	102.6	108.2		108.7	113.3	115.1	125.2	116.8	114.7	102.6
C11	55.4	62.4	63.5	75.5	100.9	102.5	111.0		125.6	135.0	117.0	98.1	92.2	96.8	73.1
C12	59.2	34.1	19.2	21.9	40.5	47.4	67.6	41.3	56.9	35.0	48.7	57.0	56.0	43.0	24.4
C13	80.0	80.3	88.3	90.8	105.4	91.8	99.0	110.6	97.2	73.1	97.1	101.2	104.1	85.3	96.2
C14	105.4	94.9	91.2	84.4	89.0	77.2	76.7	88.7	97.5	79.0	83.1	82.9	83.8	76.2	82.0
C15	98.3	90.8	92.5	96.5	99.1	88.4	97.0	98.1	102.6	75.1	95.4	99.9	111.2	79.5	92.4
C16	70.5	70.2	65.1	71.5	79.9	75.0	80.3	76.9	82.2	72.4	83.0	86.2	85.0	79.3	70.0
C17	99.4	101.1	102.5	94.5	104.2	99.4	106.3	100.1	101.8	94.7	94.5	102.8	96.3	92.0	93.8
C18	92.7	94.6	99.5	112.0	121.5	120.1	129.4	123.5	119.6	106.2	109.7	121.0	140.7	109.9	99.0
C19															
C20	102.1	106.7	110.3	112.0	132.6	117.3	122.2	119.6	119.9	106.0	114.2	119.8	113.9	116.2	109.8
C21	99.7	105.6	111.6	110.8	127.7	110.1	114.0	124.4	127.2	99.5	107.4	108.1	134.4	109.5	111.5
C22	103.2	113.0	122.5	129.8	148.8	137.0	137.0	142.9	141.3	126.4	135.2	151.0	149.5	120.3	123.2
C23	58.2	79.7	86.2	95.3	120.5	109.1	118.0	118.0	117.1	113.4	118.1	125.8	122.9	110.3	88.8
C24	103.4	126.5	108.9	110.4	121.3	107.3	92.5	89.8	116.1	99.3	96.4	123.4	121.0	100.0	118.1
C25	77.4	92.6	88.6	121.3	128.0	113.5	111.3	132.9	123.8	128.2	120.1	120.3	128.8	113.2	92.4
C26	128.8	130.6	132.6	146.4	154.4	148.4	139.7	168.4	157.6	150.3	154.6	165.5	168.7	189.6	143.7
C27	92.7	103.2	116.8	124.1	134.1	131.5	127.0	132.0	126.0	115.9	128.7	132.5	141.6	106.4	113.6
C28	92.6	107.7	115.1	118.0	133.2	129.2	124.3	129.1	122.9	97.3	115.5	127.3	124.3	102.0	105.4
C29	115.2	133.0	138.6	148.3	157.5	153.2	155.6	145.5	140.4	123.8	151.8	158.3	156.7	114.2	157.2
C30	86.6	124.4	146.8	177.4	193.5	166.1	168.6	142.4	146.9	135.9	133.7	163.0	190.8	153.3	182.2
C31	84.7	98.3	91.3	96.6	106.0	94.3	105.0	109.0	110.3	100.4	102.2	108.8	112.4	99.2	90.7
C32	138.3	125.3	151.2	146.4	153.6	131.4	146.8	174.4	167.4	118.0	137.3	173.6	199.7	163.3	162.1
C33	60.9	84.4	100.3	124.9	123.9	125.0	119.4	142.9	122.6	124.4	133.1	133.5	128.1	146.1	100.4
D	127.6	116.5	105.6	91.8	92.1	73.1	67.9	71.0	77.2	76.4	71.7	70.0	81.0	97.1	98.0
D35	127.6	116.5	105.6	91.8	92.1	73.1	67.9	71.0	77.2	76.4	71.7	70.0	81.0	97.1	98.0

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