

INDUSTRIAL PRODUCTION INDICES IN JANUARY 20231

The Industrial Production Index² decreased by 3.0% in January 2023 compared to December 2022. The data are preliminary and seasonally adjusted³.

In January 2023, a decline of 4.3% was registered in the calendar-adjusted⁴ Industrial Production Index in comparison with the same month in 2022.

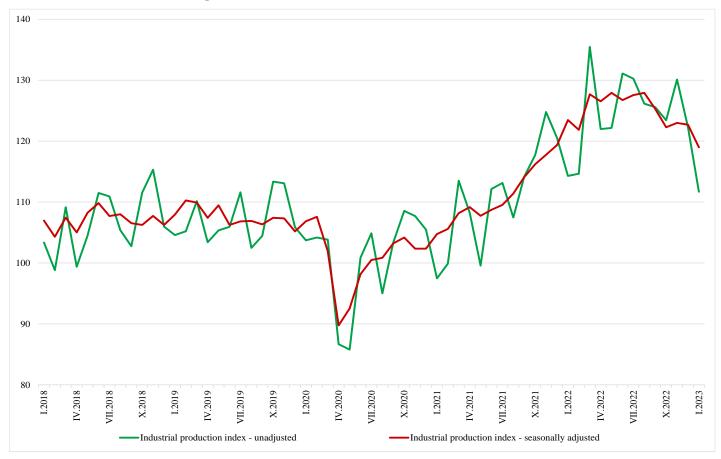


Figure 1. Industrial Production Indices (2015 = 100)

¹ January 2023 data is preliminary. The final data on Industrial Production and Turnover Indices for December 2022 can be found on the NSI website: http://www.nsi.bg/en.

² The 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; they aim to measure the average change in the value of production between two points in time. Indices are compiled based on information collected through a representative sampling survey on industrial enterprises. The sample covers enterprises with an annual turnover of more than 97% of the total turnover in the industry.

Industrial production indices are calculated at a 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 the time series.

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

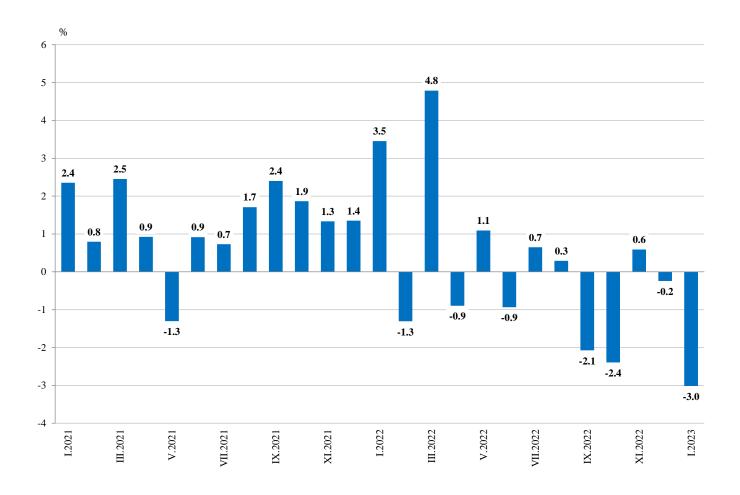
Monthly changes

Compared to the previous month, a decrease was reported in the mining and quarrying industry - by 10.9%, in the electricity, gas, steam and air conditioning supply - by 5.0% and in the manufacturing - by 1.9%.

A major fall was observed in the manufacture of chemicals and chemical products - by 23.3%, in the manufacture of motor vehicles, trailers and semi-trailers - by 14.1%, in the manufacture of basic pharmaceutical products and pharmaceutical preparations - by 13.0%, in the manufacture of furniture - by 11.9%.

A growth was seen in the manufacture of fabricated metal products, except machinery and equipment - by 31.0%, in the repair and installation of machinery and equipment - by 25.9%, in the manufacture of tobacco products - by 19.0%, in the manufacture of computer, electronic and optical products - by 10.4% and in the manufacture of other non-metallic mineral products - by 9.6%.

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



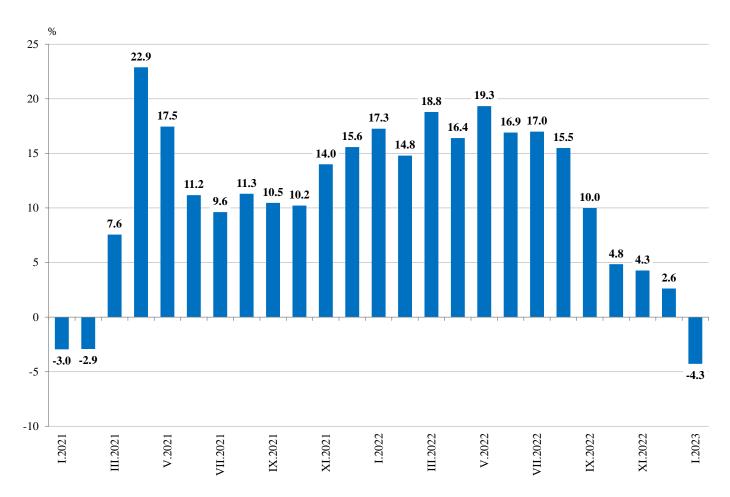
Annual changes

Compared to January 2022, a drop was reported in the electricity, gas, steam and air conditioning supply - by 28.9% and in the mining and quarrying industry - by 18.5%, while an increase was registered in manufacturing - by 4.0%.

The most significant growth in the manufacturing, compared to the same month of the previous year, was seen in the manufacture of fabricated metal products, except machinery and equipment - by 58.2%, in the manufacture of other transport equipment - by 49.6%, in the repair and installation of machinery and equipment - by 33.8% and in the manufacture of tobacco products - by 25.9%.

A decline was observed in the manufacture of chemicals and chemical products - by 30.2%, in the manufacture of furniture - by 28.1%, in the manufacture of leather and related products - by 22.7%, in the manufacture of textiles - by 21.2% and in the manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials - by 21.1%.

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



Annex

Table 1

Changes of Industrial Production Indices compared to the previous month¹

(Per cent)

	 			2022			(Per cent)
Economic activities	NACE.BG -		2023				
Economic activities	2008	VIII	IX	X	XI	XII	I*
Industry	B_TO_E36	0.3	-2.1	-2.4	0.6	-0.2	-3.0
Mining and quarrying	В	-7.7	2.5	-6.6	5.4	5.6	-10.9
Mining of coal and lignite	B05	-15.5	6.1	-16.8	20.2	-7.3	-8.7
Extraction of crude petroleum and natural gas	B06						
Mining of metal ores	B07	1.4	2.5	-4.3	3.5	25.1	-29.9
Other mining and quarrying	B08	1.1	3.7	-1.7	-2.2	-4.1	18.1
Mining support service activities	B09						
Manufacturing	C	1.1	1.5	0.4	-2.1	2.7	-1.9
Manufacture of food products	C10	9.8	-8.8	-0.1	-5.3	9.8	-0.2
Manufacture of beverages	C11	4.1	-0.9	5.1	-0.2	1.5	0.9
Manufacture of tobacco products	C12	13.0	-11.3	11.5	-31.2	15.3	19.0
Manufacture of textiles	C13	7.6	-5.6	-7.9	5.2	0.0	-7.1
Manufacture of wearing apparel	C14	-3.5	6.1	1.8	-5.2	1.0	-4.0
Manufacture of leather and related products	C15	-2.0	2.4	-0.4	-3.3	-0.1	-2.4
Manufacture of wood and of products of wood and							
cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-8.5	-1.2	3.4	4.1	-8.0	-6.5
Manufacture of paper and paper products	C17	-3.8	-5.6	11.5	-0.9	-7.1	4.0
Printing and reproduction of recorded media	C18	-2.6	-0.5	2.8	-6.1	0.9	-1.1
Manufacture of coke and refined petroleum products	C19						
Manufacture of chemicals and chemical products	C20	-7.3	3.1	-5.0	19.9	7.4	-23.3
Manufacture of basic pharmaceutical products and	C21	-5.9	5.2	3.3	-8.8	23.8	-13.0
pharmaceutical preparations	COO	4.0	1.6	0.7	9.0	7.2	0.5
Manufacture of rubber and plastic products	C22	-4.8	1.6	-0.7	-8.0	7.3	0.5
Manufacture of other non-metallic mineral products	C23	4.0	1.3	-1.5	-4.3	1.4	9.6
Manufacture of basic metals Manufacture of fabricated metal products, except	C24	1.5	-1.9	0.5	-6.2	3.5	-3.4
machinery and equipment	C25	9.3	1.8	3.9	10.5	-15.6	31.0
Manufacture of computer, electronic and optical	GO.	10.0	22.2	0.0	22.1	4.0	10.4
products	C26	-10.9	22.3	-9.0	-23.1	4.3	10.4
Manufacture of electrical equipment	C27	-0.5	2.4	-1.1	2.3	5.3	-3.5
Manufacture of machinery and equipment n.e.c.	C28	-0.3	-3.8	3.0	-6.1	-3.1	0.5
Manufacture of motor vehicles, trailers and semi-			2.7				
trailers	C29	11.2	2.7	-2.0	4.8	10.8	-14.1
Manufacture of other transport equipment	C30	-7.1	6.1	9.9	-6.8	-1.9	-3.2
Manufacture of furniture	C31	-9.1	7.3	0.2	-5.1	-0.6	-11.9
Other manufacturing	C32	-1.2	3.2	-0.5	1.7	9.0	-8.1
Repair and installation of machinery and equipment	C33	10.0	-4.0	-7.9	-2.5	0.6	25.9
Electricity, gas, steam and air conditioning supply	D	0.7	-26.4	-27.2	36.1	-13.7	-5.0
Electricity, gas, steam and air conditioning supply	D35	0.7	-26.4	-27.2	36.1	-13.7	-5.0

¹ Seasonally adjusted.

^{*} Preliminary data.

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



Table 2

Changes of Industrial Production Indices compared to the same month of the previous year $\!^1$

	.	1					(Per cent)
Farmania activitica	NACE.BG -		2023				
Economic activities	2008	VIII	IX	X	XI	XII	I*
Industry	B_TO_E36	15.5	10.0	4.8	4.3	2.6	-4.3
Mining and quarrying	В	-6.6	-3.2	-3.0	-5.5	2.6	-18.5
Mining of coal and lignite	B05	5.0	-0.1	-18.5	-4.5	-9.2	-26.4
Extraction of crude petroleum and natural gas	B06						
Mining of metal ores	B07	-13.7	-6.7	9.0	-8.7	13.6	-15.8
Other mining and quarrying	B08	4.6	1.7	7.0	-0.1	-8.2	9.3
Mining support service activities	B09						
Manufacturing	\mathbf{C}	11.6	13.1	13.7	7.9	10.0	4.0
Manufacture of food products	C10	16.9	4.1	1.7	-5.3	5.4	-0.5
Manufacture of beverages	C11	10.5	11.7	15.8	9.2	11.1	10.1
Manufacture of tobacco products	C12	32.6	-7.5	33.7	-31.6	5.9	25.9
Manufacture of textiles	C13	-5.5	-9.4	-21.3	-7.2	-17.0	-21.2
Manufacture of wearing apparel	C14	2.3	15.7	14.2	3.5	2.7	-5.9
Manufacture of leather and related products	C15	-7.8	-1.3	-5.6	-16.4	-14.8	-22.7
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-6.9	-6.6	10.0	15.3	-6.3	-21.1
Manufacture of paper and paper products	C17	-2.1	-9.4	6.4	7.4	-7.5	1.5
Printing and reproduction of recorded media	C18	-12.9	-6.6	-7.1	-16.1	-11.6	-13.2
Manufacture of coke and refined petroleum products	C19						
Manufacture of chemicals and chemical products	C20	-7.7	-3.5	-16.8	-1.9	0.3	-30.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-14.2	5.2	4.6	-8.4	25.5	0.3
Manufacture of rubber and plastic products	C22	-12.9	-4.6	-4.6	-14.4	-8.5	-12.1
Manufacture of other non-metallic mineral products	C23	7.7	10.6	9.0	-1.0	9.1	10.2
Manufacture of basic metals	C24	26.0	26.2	15.1	-5.1	9.8	-5.6
Manufacture of fabricated metal products, except machinery and equipment	C25	39.3	26.4	38.9	54.5	24.8	58.2
Manufacture of computer, electronic and optical products	C26	23.3	50.6	13.4	-16.0	15.4	5.8
Manufacture of electrical equipment	C27	9.6	9.5	13.4	14.9	20.2	11.6
Manufacture of machinery and equipment n.e.c.	C28	14.5	11.1	11.2	2.0	-2.4	-7.1
Manufacture of motor vehicles, trailers and semi-	C29	10.3	41.3	53.8	37.1	24.6	14.9
trailers Manufacture of other transport equipment	C30	65.9	35.7	70.4	56.6	28.6	49.6
Manufacture of other transport equipment Manufacture of furniture	C31	-5.8	-1.9	-2.6	-7.1	-3.5	-28.1
Other manufacturing	C32	33.3	21.3	55.8	17.7	13.6	19.0
Repair and installation of machinery and equipment	C33	27.6	8.6	3.7	23.2	-0.3	33.8
Electricity, gas, steam and air conditioning supply	D	51.0	1.6	-33.0	-7.2	-23.7	-28.9
Electricity, gas, steam and air conditioning supply	D35	51.0	1.6	-33.0	-7.2	-23.7	-28.9

¹ Calendar-adjusted.

^{*} Preliminary data.

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

Table 3

Industrial Production Indices (Seasonally adjusted, 2015 = 100)

NACE.BG -	2022										2023		
2008	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I*
B_TO_E36	123.5	121.9	127.7	126.5	127.9	126.7	127.6	127.9	125.3	122.3	123.0	122.7	119.0
В	136.1	128.6	138.5	118.7	133.3	118.6	126.6	116.9	119.8	111.9	117.9	124.6	111.0
B05	130.6	132.5	150.3	119.4	130.8	113.7	121.7	102.8	109.2	90.9	109.2	101.3	92.5
B06													
B07	128.1	118.3	129.8	103.3	130.9	123.8	119.4	121.0	124.1	118.7	122.9	153.8	107.8
B08	147.7	147.2	151.6	144.6	139.9	141.2	141.1	142.6	147.8	145.3	142.1	136.3	161.0
B09 C	 127.8	 126.8	 129.3	133.3	 135.4	133.1	 131.0	 132.5	134.5	135.0	 132.2	 135.9	133.3
C10	122.7	119.9	128.2	128.7	129.3	121.8	117.6	129.1	117.7	117.7	111.4	122.3	122.0
C10	103.3	98.7	102.7	108.9	105.2	108.0	102.4	106.5	105.6	110.9	110.6	112.3	113.4
C12	35.3	31.9	36.7	40.1	41.7	44.9	38.6	43.6	38.6	43.1	29.6	34.2	40.6
C13	125.1	118.6	117.4	117.8	110.6	110.1	108.1	116.3	109.8	101.1	106.4	106.3	98.8
C14	81.6	78.3	86.1	88.0	86.3	82.4	80.3	77.5	82.2	83.7	79.3	80.1	76.9
C15	77.2	74.7	71.0	72.4	70.5	69.2	66.7	65.4	67.0	66.7	64.5	64.5	63.0
C16	99.2	97.3	108.2	105.4	106.8	89.8	93.7	85.8	84.7	87.7	91.2	83.9	78.4
C17	106.3	105.3	108.2	107.1	111.2	108.2	111.1	106.9	101.0	112.6	111.6	103.7	107.9
C18	121.1	111.8	117.5	118.6	119.6	109.9	112.9	109.9	109.3	112.3	105.5	106.4	105.3
C19													
C20	156.0	148.5	144.6	132.4	135.7	123.3	121.4	112.6	116.0	110.2	132.1	141.9	108.9
C21	126.1	117.2	115.4	129.7	125.2	137.9	126.3	118.8	125.0	129.1	117.8	145.8	126.9
C22	153.1	147.9	147.7	147.2	147.3	142.7	140.8	134.1	136.2	135.2	124.5	133.6	134.2
C23	128.5	134.9	131.8	131.6	134.7	129.7	128.1	133.3	135.0	133.0	127.2	129.1	141.5
C24	116.1	117.1	118.5	119.1	122.3	120.7	118.6	120.3	118.0	118.6	111.3	115.1	111.2
C25	124.8	118.7	124.6	178.5	155.9	150.5	139.6	152.6	155.3	161.3	178.2	150.3	196.9
C26	257.9	242.3	253.3	287.8	296.6	286.1	310.8	277.0	338.9	308.5	237.3	247.4	273.2
C27	155.1	155.7	158.6	164.7	167.1	166.2	165.4	164.5	168.4	166.6	170.5	179.6	173.2
C28	131.1	129.8	132.7	132.1	136.4	131.1	135.1	134.7	129.6	133.6	125.4	121.5	122.0
C29	138.7	149.8	154.9	137.8	141.9	160.5	143.0	159.0	163.4	160.1	167.9	186.0	159.7
C30	212.7	248.5	219.6	241.8	266.1	293.8	335.2	311.4	330.4	363.1	338.5	332.1	321.5
C31	121.7	117.3	116.1	109.9	115.5	110.5	108.3	98.5	105.7	105.9	100.4	99.9	87.9
C32	176.8	179.3	213.5	216.3	222.8	248.9	203.7	201.3	207.8	206.8	210.2	229.1	210.7
C33	112.1	118.7	136.9	118.9	151.1	120.8	124.6	137.2	131.7	121.3	118.2	118.9	149.8
D	103.9	103.1	116.0	101.7	97.8	111.2	125.1	126.0	92.7	67.5	91.9	79.3	75.3
35	103.9	103.1	116.0	101.7	97.8	111.2	125.1	126.0	92.7	67.5	91.9	79.3	75.3

^{*} Preliminary data. '..' - Confidential data.

Table 4

Industrial Production Indices (Calendar-adjusted, 2015 = 100)

NACE.BG -	2020	2021	2022									2023			
2008	I	I	I	П	Ш	IV	V	VI	VII	VIII	IX	X	XI	XII	I*
B_TO_E36	102.8	99.7	117.0	115.4	133.6	123.6	123.4	129.9	132.7	124.4	125.6	125.7	128.9	123.7	112.0
В	101.6	86.2	131.4	123.3	134.9	108.9	125.5	114.6	123.0	114.3	125.2	123.5	126.8	137.0	107.1
B05	81.5	63.2	144.1	135.0	144.4	101.2	113.5	94.7	114.7	98.7	114.8	110.8	123.2	117.2	106.0
B06															
B07	127.4	95.5	128.1	118.3	129.8	103.3	130.9	123.8	119.4	121.0	124.1	118.7	122.9	153.8	107.8
B08	87.5	100.0	105.5	116.7	145.1	141.4	142.5	151.4	149.6	149.9	161.2	160.5	159.6	136.4	115.3
B09	1050	102 -													
C	105.2	103.5	115.1	117.3	134.7	135.5	137.2		136.4		135.3	142.1		130.2	119.6
C10 C11	103.1 76.8	100.5 68.1	109.5 72.4	105.3 71.6	129.7 95.0	123.4 104.0	129.0 111.2	125.2 131.0	118.2 127.3	131.1	122.7 116.0	128.1 104.4	115.7 99.6	126.5 103.8	108.9 79.7
C12	24.5	16.3	20.6	19.7	35.7	45.7	50.4	61.8	49.8	43.5	41.3	47.1	26.3	28.5	26.0
C13	97.8	102.8	114.1	119.6	127.7	119.4	119.0		109.6	95.1	107.1	107.0	110.1	95.9	90.0
C14	82.6	76.1	86.2	78.2	85.7	81.1	81.0	86.5	91.5	74.0	80.3	85.0	79.2	76.5	81.1
C15	94.3	66.8	83.6	77.2	72.9	70.0	63.0	72.1	74.5	52.4	66.6	71.7	67.7	59.6	64.6
C16	70.1	69.3	82.4	84.9	108.0	107.1	112.0	94.9	101.0	84.5	88.0	93.2	97.1	78.9	65.1
C17	93.6	96.1	102.9	100.7	112.7	105.7	112.5	112.3	114.2	105.3	99.0	116.9	113.4	97.3	104.5
C18	98.7	98.6	107.6	102.5	118.8	117.9	121.0	111.8	113.9	104.5	105.3	121.4	119.4	108.1	93.4
C19															
C20	112.7	105.1	145.3	140.9	158.7	134.1	135.2	127.4	123.6	107.2	114.5		135.5	141.0	101.4
C21	111.5	113.6	120.7	101.5	125.9	129.6	123.0	148.2	126.3	104.3	118.2	131.7	125.6	163.3	121.1
C22	121.3	135.8	142.8	143.4	156.3	144.5	146.0	149.2	148.2	128.3	138.1	148.2	123.8	117.7	125.6
C23	89.5	80.5	92.5	110.3	129.1	135.4	145.6	139.8	138.9	140.9	145.2	148.4	137.4	112.5	102.0
C24	117.3	115.2	120.9	117.4	127.6	120.8	125.1	119.1	116.0	109.3	109.1	125.3	107.0	117.7	114.2
C25	94.6	102.2	95.9	107.1	125.0	181.5	152.5	160.3	148.7	147.3	158.9	166.5	196.4	159.7	151.7
C26	143.1	190.4	244.2	224.0	260.4	283.1	289.7	298.2	321.0	242.8	341.4	352.8	252.8	239.8	258.3
C27	116.7	140.9	146.5	152.6	167.0	165.0	162.0	175.3	169.5	147.2	173.8	178.7	183.2	160.7	163.5
C28	107.0	100.5	119.7	124.2	139.2	136.5	133.8	140.5	142.5	118.6	129.1	142.9	133.0	113.6	111.2
C29	157.8	152.0	138.7	154.8	168.2	135.1	136.9	168.9	134.8	138.9	162.4	167.8	184.3	172.6	159.4
C30	179.3	185.9	186.4	260.5	239.3	255.1	259.6	325.8	348.0	241.2	304.9	384.5	361.3	280.0	278.9
C31	91.8	99.2	107.0	108.3	118.7	104.2	113.3	116.1	114.3	93.8	109.3	116.9	108.4	97.0	76.9
C32	160.6	87.8	153.8	159.5	217.0	211.4	218.1	285.5	205.1	199.3	220.1	222.0	226.9	207.7	183.0
C33	101.4	71.9	82.2	102.6	141.1	106.5	143.3	123.6	127.5	133.7	138.3	124.8	129.2	155.8	110.0
D	94.8	91.0	121.7	106.0	133.7	85.8	71.5	93.2	124.4	124.4	88.0	66.6	103.3	95.5	86.6
D35	94.8	91.0	121.7	106.0	133.7	85.8	71.5	93.2	124.4	124.4	88.0	66.6	103.3	95.5	86.6

^{*} Preliminary data. '..' - Confidential data.