INDUSTRIAL PRODUCTION INDICES IN DECEMBER 2021¹

According to the preliminary data in December 2021, the Industrial Production Index², seasonally adjusted³, increased by 0.7% compared to November 2021.

In December 2021, the calendar adjusted⁴ Industrial Production Index rose by 14.3% in comparison with the same month of 2020.

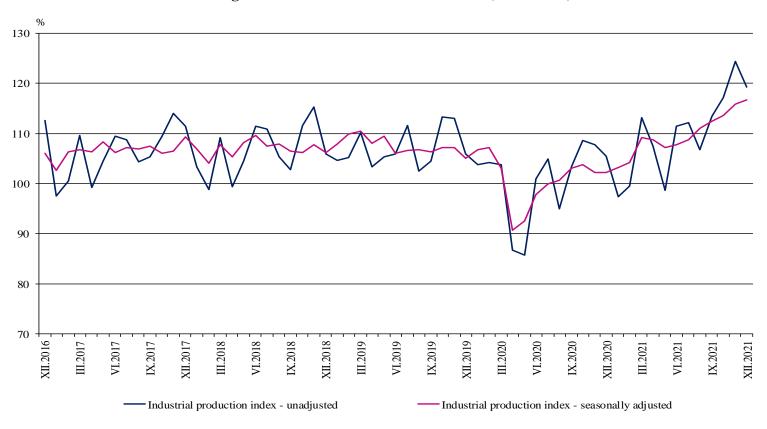


Figure 1. Industrial Production Indices (2015 = 100)

¹ December 2021 data are preliminary. The final data on Industrial Production and Turnover Indices for November 2021 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 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.

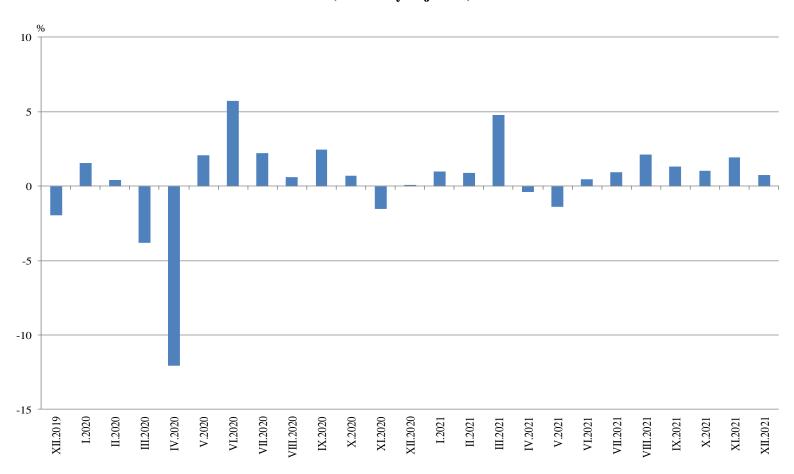
⁴ Calendar adjustment is an adjustment for variations caused by calendar effects, different number of calendar and working days in the months, national holidays and outliers (for example, the presence of more non-working days in May could contribute to the decline in production in some activities).

Monthly changes

In December 2021, compared to November 2021, the seasonally adjusted Industrial Production Index rose in the manufacturing by 1.6%, and decreased in the electricity, gas, steam and air conditioning supply by 2.4% and in the mining and quarrying industry by 0.8%.

The most significant increase in the manufacturing was seen in the manufacture of motor vehicles, trailers and semi-trailers by 25.1%, in the repair and installation of machinery and equipment by 21.2%, in the manufacture of other transport equipment by 16.6% and in the other manufacturing by 13.7%. A major decrease was seen in the manufacture of computer, electronic and optical products by 28.2%, in the manufacture of tobacco products by 18.6% and in the manufacture of other non-metallic mineral products by 8.7%.

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

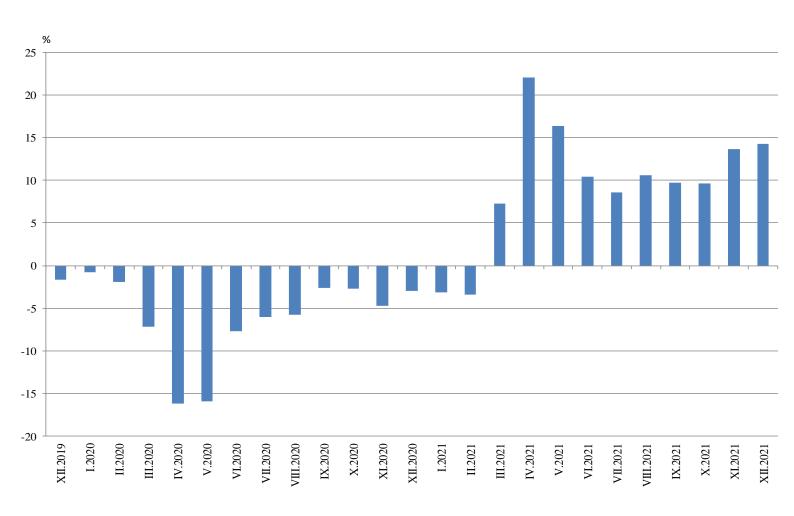


Annual changes

On an annual basis in December 2021, Industrial Production Index calculated from calendar day adjusted data rose in the electricity, gas, steam and air conditioning supply by 37.0%, in the mining and quarrying industry by 21.4% and in the manufacturing by 8.9%.

The most significant increase in the manufacturing compared to the same month of the previous year was registered in the other manufacturing by 111.4%, in the manufacture of other transport equipment by 68.6%, in the repair and installation of machinery and equipment by 29.0% and in the manufacture of textiles by 28.2%. A major decrease was seen in the manufacture of tobacco products by 31.3%, in the manufacture of beverages by 17.7% and in the manufacture of motor vehicles, trailers and semi-trailers by 9.6%.

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

(Percent) NACE.BG -2021 **Economic activities** 2008 VII VIII IX \mathbf{X} XIXII* **Industry B_TO_E36** 0.9 2.1 1.3 1.0 1.9 0.7 В -9.9 17.4 -0.7-7.6 8.6 -0.8Mining and quarrying B05 Mining of coal and lignite -12.631.8 12.1 5.3 0.9 -2.8B06 Extraction of crude petroleum and natural gas Mining of metal ores B07 -11.7 17.2 -5.1 -18.1 23.7 0.8 Other mining and quarrying B08 2.5 -7.67.7 -3.60.8 1.1 Mining support service activities B09 \mathbf{C} 1.5 Manufacturing 0.0 1.2 0.3 -0.3 1.6 C10 1.5 -1.20.4 2.4 12 Manufacture of food products 0.5 C11 -2.05.9 Manufacture of beverages 5.2 -6.6 2.8 -3.4C12 -1.5 -25.217.1 -14.6 -4.0 Manufacture of tobacco products -18.6C13 -0.414.5 -2.4-8.8 12.3 Manufacture of textiles 3.4 Manufacture of wearing apparel C14 0.7 6.0 -3.03.3 2.9 1.2 C15 Manufacture of leather and related products 2.3 -0.8 -1.3 3.0 6.3 3.1 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw C16 4.7 7.7 -2.2 -13.5 2.4 7.6 and plaiting materials Manufacture of paper and paper products C17 4.6 2.7 0.1 -3.4-2.13.8 Printing and reproduction of recorded media C18 0.3 6.0 -5.8 4.6 2.0 -3.8 Manufacture of coke and refined petroleum products C19 -0.1 Manufacture of chemicals and chemical products C20 0.7 -2.6 8.6 4.4 -0.8 Manufacture of basic pharmaceutical products and C21 3.7 9.2 -10.7 8.1 2.6 2.3 pharmaceutical preparations 7.2 C22 -5.9 -7.1 -0.5 -1.3 4.5 Manufacture of rubber and plastic products C23 4.9 -1.5 -0.24.4 -8.7 Manufacture of other non-metallic mineral products 0.4Manufacture of basic metals 10.2 C24 -14.11.1 0.4 0.7 4.7 Manufacture of fabricated metal products, except C25 11.0 -18.911.9 -5.7 0.5 2.0 machinery and equipment Manufacture of computer, electronic and optical C26 1.9 5.7 6.2 19.0 -5.1-28.2C27 -2.5 1.5 2.7 -5.1 0.7 2.1 Manufacture of electrical equipment Manufacture of machinery and equipment n.e.c. C28 -3.2 1.9 -2.43.5 0.4 0.9 Manufacture of motor vehicles, trailers and semi--12.3 19.9 -20.5 -10.0 20.7 25.1 C29 trailers 32.6 Manufacture of other transport equipment C30 -4.3 -16.6 -10.4-2.016.6 Manufacture of furniture C31 0.4 -3.75.0 1.9 -2.7-4.3 Other manufacturing C3210.5 5.4 11.4 -20.735.3 13.7 Repair and installation of machinery and C33 -4.7 7.7 12.2 -6.0 -16.9 21.2 equipment Electricity, gas, steam and air conditioning supply D 10.4 2.6 9.7 11.0 -4.0 -2.4 Electricity, gas, steam and air conditioning D35 10.4 2.6 9.7 11.0 -4.0-2.4supply

¹ Seasonally adjusted.

^{*} Preliminary data.

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

Table 2
Changes of Industrial Production Indices compared to the same month of the previous year¹
(Per cent)

T	NACE.BG -	(Per cent) 2021							
Economic activities	2008	VII	VIII	IX	X	XI	XII*		
Industry	B_TO_E36	8.6	10.6	9.7	9.6	13.7	14.3		
Mining and quarrying	В	6.2	15.7	20.0	19.2	42.6	21.4		
Mining of coal and lignite	B05	16.8	38.7	75.7	81.8	98.8	76.4		
Extraction of crude petroleum and natural gas	B06								
Mining of metal ores	B07	-9.2	4.7	-5.7	-16.4	39.2	5.9		
Other mining and quarrying	B08	45.8	21.6	35.2	24.7	9.2	-0.6		
Mining support service activities	B09	••				••			
Manufacturing	\mathbf{c}	7.9	8.8	5.9	3.3	6.2	8.9		
Manufacture of food products	C10	5.3	12.4	6.5	7.5	9.2	11.9		
Manufacture of beverages	C11	-30.3	-31.2	-39.3	-35.7	-23.1	-17.7		
Manufacture of tobacco products	C12	59.1	0.3	37.0	-2.1	-1.0	-31.3		
Manufacture of textiles	C13	12.9	32.2	27.1	23.2	16.7	28.2		
Manufacture of wearing apparel	C14	-5.7	5.2	0.2	3.8	13.5	17.0		
Manufacture of leather and related products	C15	-3.5	-0.6	-1.1	-5.8	1.3	11.8		
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	18.4	25.5	20.6	2.1	-1.3	7.9		
Manufacture of paper and paper products	C17	24.4	27.9	28.7	15.7	6.0	19.2		
Printing and reproduction of recorded media	C18	17.1	23.1	12.2	15.8	22.4	16.4		
Manufacture of coke and refined petroleum products	C19								
Manufacture of chemicals and chemical products	C20	7.2	2.6	7.9	14.1	19.8	19.2		
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-1.5	18.3	-3.9	1.0	4.3	6.0		
Manufacture of rubber and plastic products	C22	1.1	11.8	-1.6	-2.2	-2.1	0.0		
Manufacture of other non-metallic mineral products	C23	3.6	15.8	9.1	10.8	11.7	7.0		
Manufacture of basic metals	C24	-16.4	-21.5	-22.1	1.2	-4.1	-7.3		
Manufacture of fabricated metal products, except machinery and equipment	C25	32.1	4.8	-2.0	-11.0	-2.1	2.1		
Manufacture of computer, electronic and optical products	C26	42.1	52.4	58.4	71.1	50.5	7.7		
Manufacture of electrical equipment	C27	11.6	13.1	16.1	3.6	8.6	6.0		
Manufacture of machinery and equipment n.e.c.	C28	23.3	20.3	8.1	14.5	16.5	11.9		
Manufacture of motor vehicles, trailers and semi- trailers	C29	-8.6	-2.3	-26.1	-42.9	-26.8	-9.6		
Manufacture of other transport equipment	C30	62.2	-11.6	40.5	13.9	8.0	68.6		
Manufacture of furniture	C31	3.2	-4.8	1.4	1.7	3.5	-1.7		
Other manufacturing	C32	34.0	43.7	49.2	17.4	66.2	111.4		
Repair and installation of machinery and equipment	C33	-17.5	12.9	30.1	14.1	-16.8	29.0		
Electricity, gas, steam and air conditioning supply	D	17.6	19.6	29.6	52.6	48.0	37.0		
Electricity, gas, steam and air conditioning supply	D35	17.6	19.6	29.6	52.6	48.0	37.0		

¹ Calendar adjusted.

^{*} Preliminary data.

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

Table 3

Industrial Production Indices (Seasonally adjusted, 2015 = 100)

NACE.BG -	2020						2021	 [
2008	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII*
B_TO_E36	102.3	103.3	104.2	109.2	108.8	107.3	107.7	108.7	111.0	112.5	113.6	115.8	116.7
В	100.1	87.1	110.7	116.1	109.2	112.8	117.5	105.8	124.2	123.4	114.0	123.8	122.8
B05	55.6	49.3	62.7	87.0	84.6	78.6	84.0	73.4	96.8	108.5	114.3	115.3	112.1
B06													
B07	128.2	95.5	145.5	132.0	120.5	122.5	135.5	119.7	140.2	133.0	108.9	134.7	135.8
B08 B09	143.4	144.8	139.8	146.3	147.5	148.8	142.4	146.0	134.9	145.3	140.0	141.1	142.7
C	 110.8	 113.2	 112.5	 117.6	 116.4	 114.9	 115.0	 115.0	 116.4	 116.8	 116.5	 118.2	 120.1
C10	103.9	113.2	110.5	112.6	117.1	114.7	110.8	112.5	111.2	111.6	114.2	115.5	116.1
C11	81.2	75.9	68.8	67.5	68.5	65.2	62.5	65.7	64.4	60.2	61.9	65.5	63.3
C12	37.3	29.2	33.5	36.1	38.1	41.1	49.9	49.1	36.7	43.0	36.7	35.3	28.7
C13	102.8	110.9	113.9	106.1	111.0	105.3	110.3	109.9	125.9	122.8	127.0	115.9	130.1
C14	66.8	71.8	72.2	73.8	71.3	69.0	69.3	69.7	73.9	71.7	74.0	76.1	77.0
C15	70.2	67.9	68.6	74.1	76.3	66.4	67.5	69.1	68.5	67.7	69.7	74.1	76.4
C16	78.4	83.0	81.1	89.0	84.9	90.0	80.7	84.4	91.0	88.9	76.9	78.7	84.7
C17	92.1	95.9	95.7	98.5	97.2	93.7	102.7	107.4	110.3	110.4	106.6	104.4	108.4
C18	99.6	108.0	110.9	117.7	114.7	109.4	116.4	116.8	123.7	116.6	122.0	124.4	119.7
C19													
C20	112.7	113.3	119.0	117.7	101.2	114.1	121.7	122.5	119.3	119.1	129.3	135.0	133.8
C21	122.9	117.9	110.8	123.9	110.5	116.7	110.0	114.1	124.6	111.3	120.4	123.5	126.3
C22	148.5	152.9	155.1	151.6	157.1	154.5	154.5	145.3	155.7	144.7	143.9	142.1	148.5
C23	107.8	113.2	112.8	115.0	111.6	120.3	117.6	118.0	123.8	121.9	121.7	127.1	116.1
C24	115.1	114.6	113.7	116.5	118.7	112.7	108.3	93.0	94.1	94.5	104.1	104.9	109.8
C25	117.1	135.6	122.1	123.0	135.7	133.7	122.4	135.9	110.2	123.3	116.3	116.8	119.1
C26	166.3	198.0	186.6	200.2	201.5	211.9	207.1	211.1	223.0	236.8	281.7	267.3	191.9
C27	141.2	144.8	141.4	150.5	161.0	155.9	151.8	148.0	150.3	154.4	146.5	147.4	150.6
C28	108.9	108.6	106.8	112.6	110.3	111.6	120.7	116.9	119.1	116.2	120.3	120.8	121.9
C29	182.1	162.9	155.2	153.7	134.4	123.5	134.9	118.3	141.8	112.8	101.5	122.5	153.3
C30	161.0	186.7	192.2	216.9	226.5	193.4	239.7	229.4	191.2	253.6	227.2	222.6	259.4
C31	104.4	114.5	108.7	106.1	104.6	103.7	106.1	106.5	102.6	107.7	109.7	106.7	102.1
C32	96.8	98.8	115.1	111.6	138.0	113.1	126.9	140.3	147.9	164.8	130.6	176.8	201.0
C33	90.3	99.8	106.6	114.0	107.1	111.9	105.7	100.7	108.5	121.6	114.3	95.0	115.2
D	73.1	73.8	72.5	77.3	78.6	76.6	76.8	84.8	87.0	95.5	105.9	101.7	99.3
35	73.1	73.8	72.5	77.3	78.6	76.6	76.8	84.8	87.0	95.5	105.9	101.7	99.3

^{*} Preliminary data. ,..." - Confidential data.

Table 4

Industrial Production Indices (Calendar adjusted, 2015 = 100)

NACE.BG -	2018	2019	2020	2021											
2008	XII	XII	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII*
B_TO_E36	109.3	107.5	104.3	99.6	100.2	112.1	105.5	102.4	110.4	112.4	107.0	113.4	119.3	123.3	119.2
В	111.6	116.5	109.9	84.6	105.5	112.1	101.9	105.7	113.9	103.6	122.3	129.3	127.7	134.1	133.3
B05	116.0	93.6	73.2	63.2	64.7	79.5	66.9	61.0	66.2	66.0	94.0	114.8	136.0	129.1	129.1
B06															
B07	117.4	143.5	128.2	95.5	140.2	131.0	120.5	120.6	144.4	119.7	140.2	133.0	108.9	134.7	135.8
B08	86.5	97.8	146.6	100.0	108.6	143.2	143.8	152.6	153.1	156.4	143.2	158.6	150.0	159.7	145.7
B09															
C	109.7	109.7	107.0	102.8	105.2	118.9	114.7	113.2	121.3		111.4	118.5	124.2	125.9	116.5
C10	109.3	114.7	108.0	100.1	97.2	112.1	110.9	112.9	114.0	113.7	112.3	117.9	125.7	123.1	120.8
C11	99.2	95.2	75.2	45.3	46.2	58.3	61.4	68.0	75.2	84.9	85.0	69.9	60.2	62.4	61.9
C12	63.4	43.0	40.7	17.7	22.5	36.2	44.8	46.6	60.2	63.1	32.8	44.7	35.7	38.9	28.0
C13	88.0	85.1	90.2	101.5	116.7	116.0	113.2	115.7	122.3	112.6	101.3	118.8	137.1	118.7	115.6
C14	80.4	76.2	63.4	76.1	72.9	71.4	65.5	62.3	73.9	81.1	72.9	70.6	75.4	77.4	74.2
C15	81.3	78.9	61.9	66.8	66.4	76.0	71.9	61.9	73.0	85.4	57.2	67.5	77.2	82.6	69.2
C16	73.6	79.4	74.5	69.0	71.5	87.7	83.8	91.5	85.8	90.5	90.7	94.1	82.7	84.1	80.4
C17	93.6	91.9	88.0	96.2	94.8	103.2	96.7	94.9	104.9	108.4	109.1	109.1	109.7	105.2	104.9
C18	108.6	109.8	104.4	98.2	103.8	118.8	113.3	109.9	120.2	117.4	117.9	112.8	130.5	141.9	121.6
C19															
C20	112.3	116.2	109.9	105.1	112.4	128.4	101.5	113.8	126.5	126.4	115.7	118.1	132.7	137.5	131.0
C21	132.6	109.7	126.6	114.5	98.6	139.4	108.7	116.6	113.1	112.6	114.8	105.6	121.7	136.8	134.3
C22	120.6	120.3	131.3	138.7	149.1	157.7	150.5	148.9	160.0	151.1	151.0	147.9	159.7	147.9	131.3
C23	101.4	110.4	95.8	80.5	91.1	112.3	114.9	129.4	127.4	128.8	130.9	131.2	136.1	138.7	102.5
C24	113.7	100.0	114.2	115.2	108.8	123.5	123.4	106.8	104.9	95.6	86.9	86.5	109.0	112.8	105.9
C25	107.8	110.3	128.0	103.0	112.3	124.6	131.3	128.5	129.2	146.2	106.5	126.6	120.6	128.0	130.7
C26	143.7	189.1	178.5	190.1	178.6	211.4	196.4	204.7	216.1	213.7	197.0	226.7	311.7	301.0	192.3
C27	107.8	106.5	125.8	138.0	139.9	157.3	157.6	147.8	158.5	151.5	134.8	159.6	159.5	160.0	133.4
C28	118.8	102.1	104.7	100.1	102.6	117.8	114.4	108.1	129.3	122.3	104.3	116.6	128.1	130.1	117.1
C29	100.4	112.7	153.5	159.1	150.9	159.9	134.3	113.8	139.6	115.6	125.8	113.6	109.1	134.4	138.7
C30	108.8	153.3	132.0	185.9	208.0	253.3	253.7	186.8	286.3	249.5	144.9	224.3	225.2	230.1	222.5
C31	106.9	99.2	101.8	99.2	98.7	106.9	99.7	100.2	110.6	112.4	100.8	111.0	120.1	116.1	100.1
C32	129.3	163.3	86.3	87.8	104.4	112.2	134.5	110.2	143.1	141.4	153.3	180.8	142.5	193.6	182.4
C33	176.3	146.1	119.0	72.5	92.2	115.4	96.0	103.2	109.1	103.7	104.7	127.4	119.7	105.9	153.5
D	106.8	95.1	91.5	93.2	78.6	87.5	71.1	62.0	66.9	82.1	82.5	86.8	99.6	111.8	125.4
D35	106.8	95.1	91.5	93.2	78.6	87.5	71.1	62.0	66.9	82.1	82.5	86.8	99.6	111.8	125.4

^{*} Preliminary data. ,..." - Confidential data.