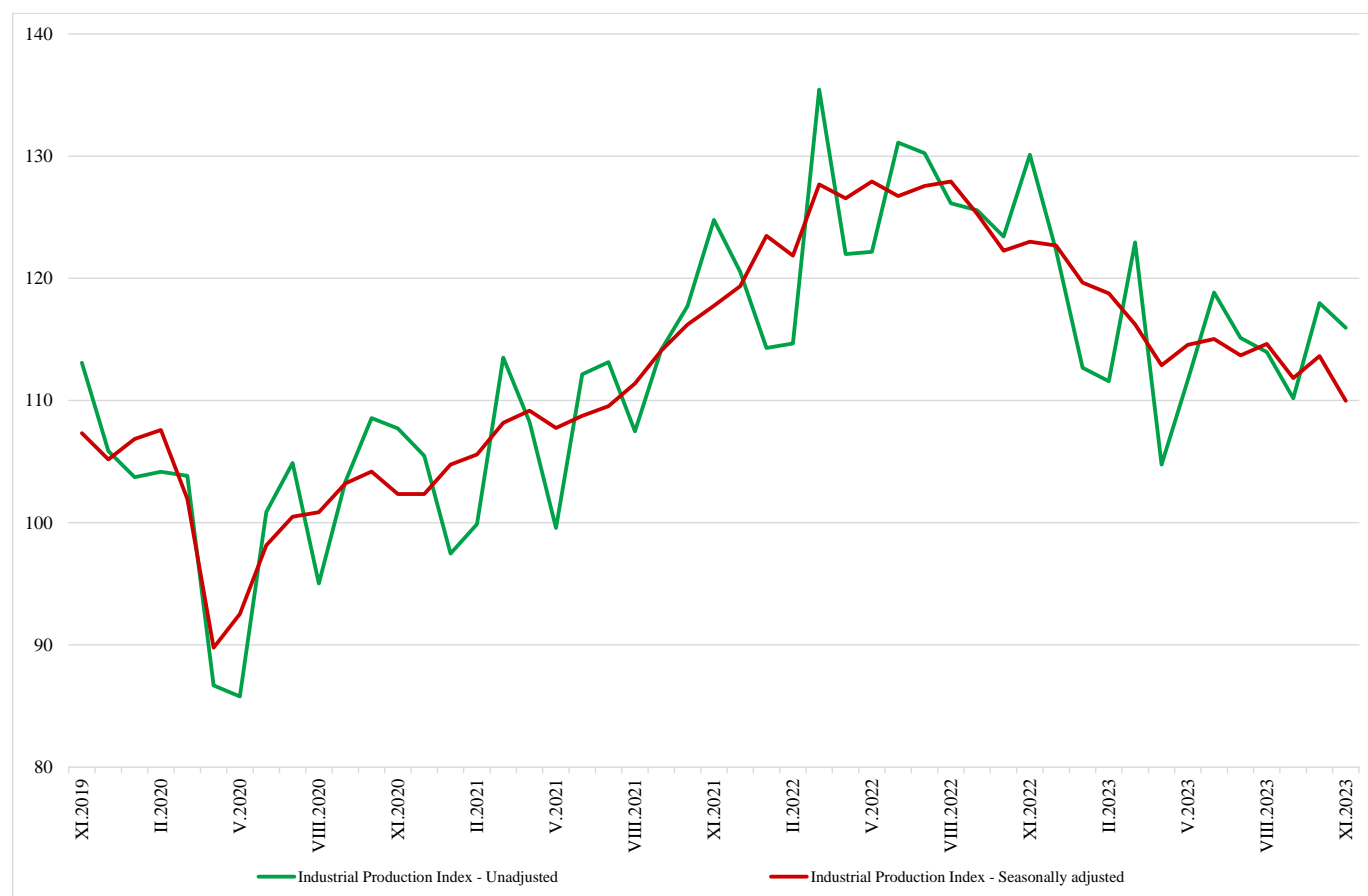


INDUSTRIAL PRODUCTION INDICES IN NOVEMBER 2023¹

The Industrial Production Index² decreased by 3.2% in November 2023 compared to the previous month. The data are preliminary and seasonally adjusted³.

In comparison with November 2022, a decline of 10.9% was registered in the calendar-adjusted⁴ Industrial Production Index.

Figure 1. Industrial Production Indices (2015 = 100)



¹ November 2023 data is preliminary. The final data on Industrial Production and Turnover Indices for October 2023 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 assess 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).

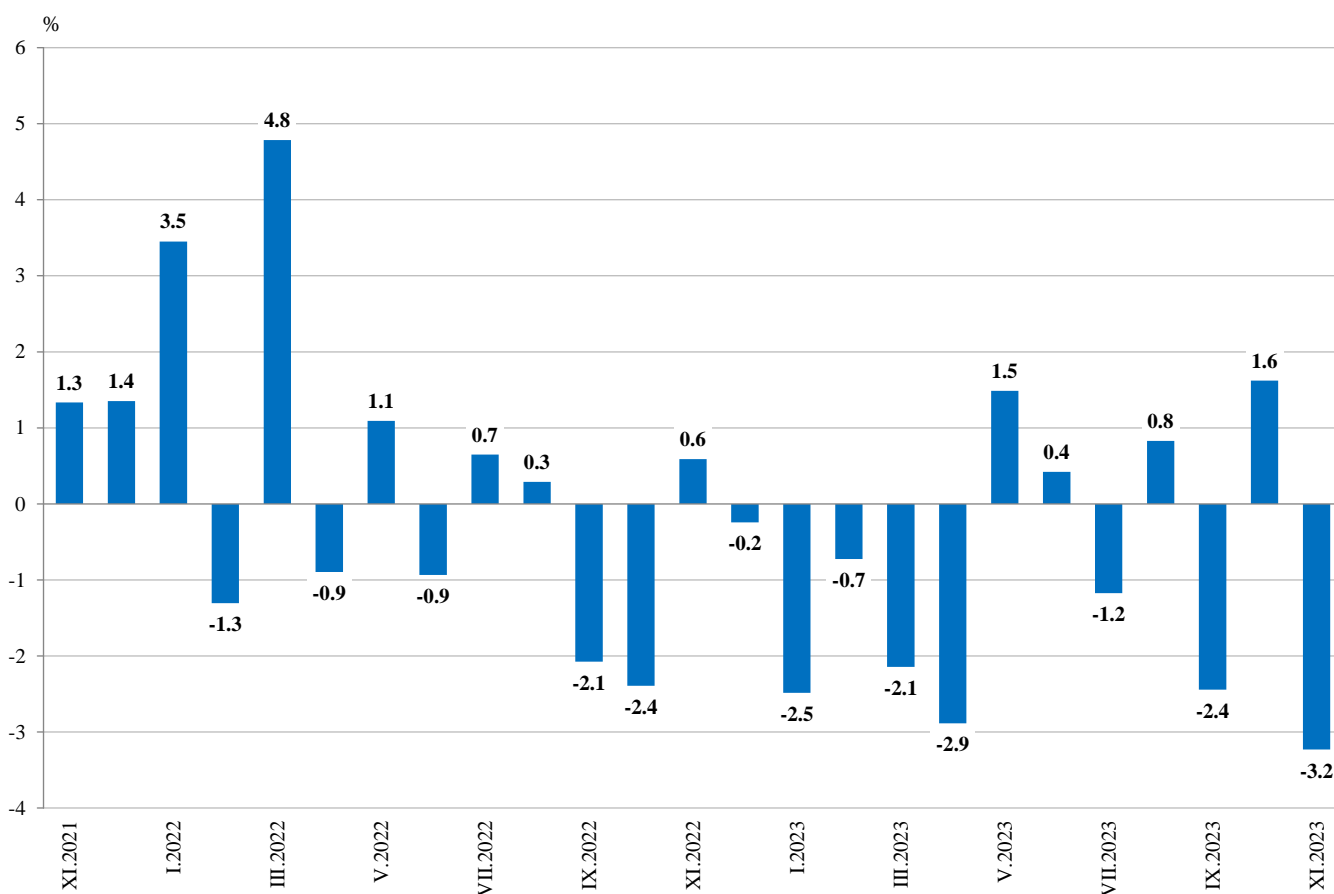
Monthly changes

In November 2023, compared to the previous month, a decrease was seen in the mining and quarrying industry - by 5.6%, in the manufacturing - by 2.7%, and in the electricity, gas, steam and air conditioning supply - by 1.8%.

A more significant decline in manufacturing was observed in the manufacture of chemicals and chemical products - by 16.6%, in the other manufacturing - by 16.1%, and in the manufacture of motor vehicles, trailers and semi-trailers - by 12.3%.

An increase was reported in the manufacture of tobacco products - by 15.1%, and in the manufacture of textiles - by 9.1%.

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



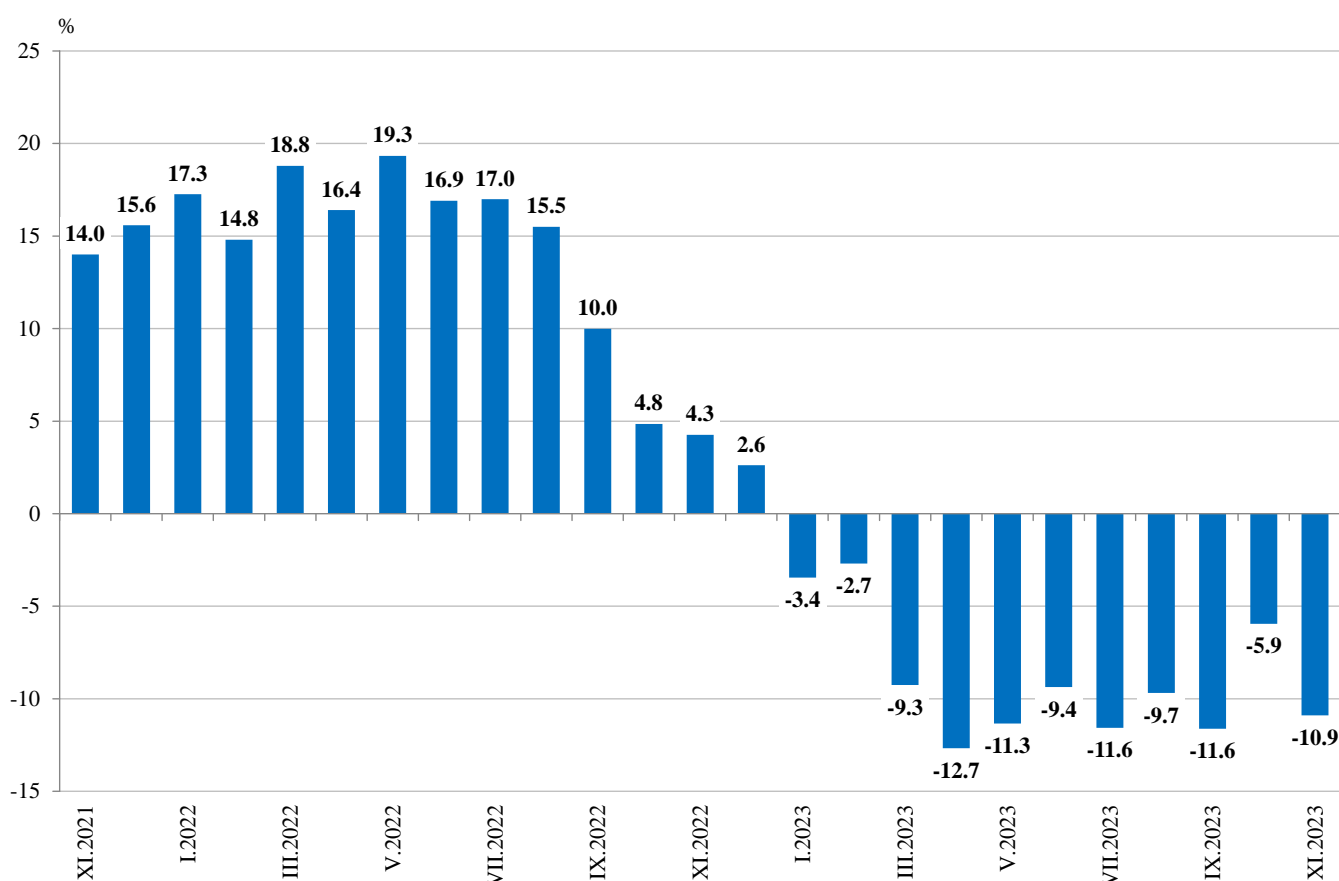
Annual changes

On an annual basis, a drop of the Industrial Production Index was observed in the electricity, gas, steam and air conditioning supply - by 27.0%, in the mining and quarrying industry - by 12.3%, and in the manufacturing - by 7.9%.

The most significant production decrease in manufacturing, compared to the same month of the previous year, was registered in the manufacture of other transport equipment - by 42.7%, in the manufacture of other non-metallic mineral products - by 22.3%, in the manufacture of furniture - by 22.0%, and in the manufacture of textiles - by 21.4%.

An increase was seen in the repair and installation of machinery and equipment - by 8.8%, and in the manufacture of basic metals - by 8.3%.

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)

Economic activities	NACE.BG - 2008	2023					
		VI	VII	VIII	IX	X	XI*
Industry	B_TO_E36	0.4	-1.2	0.8	-2.4	1.6	-3.2
Mining and quarrying	B	4.1	-8.1	5.5	-3.0	9.6	-5.6
Mining of coal and lignite	B05	-10.2	19.0	0.5	-16.9	19.8	-9.7
Extraction of crude petroleum and natural gas	B06	..	..	..	..	..	..
Mining of metal ores	B07	12.9	-23.3	14.7	4.7	4.5	-1.2
Other mining and quarrying	B08	-0.7	-12.2	-0.4	-6.8	22.4	-13.4
Mining support service activities	B09	..	..	..	..	..	..
Manufacturing	C	0.3	0.9	1.1	-3.0	0.6	-2.7
Manufacture of food products	C10	-5.6	3.0	0.5	0.6	4.5	-2.1
Manufacture of beverages	C11	0.0	0.2	-2.7	0.4	1.2	5.1
Manufacture of tobacco products	C12	-1.2	-16.4	46.3	-16.3	-21.1	15.1
Manufacture of textiles	C13	-1.1	-1.4	7.7	-9.2	-2.7	9.1
Manufacture of wearing apparel	C14	1.4	-7.1	-3.2	7.5	-2.3	-4.1
Manufacture of leather and related products	C15	-2.5	-8.7	0.2	2.1	-3.3	4.5
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-2.0	-2.5	-1.9	-4.0	8.2	-3.3
Manufacture of paper and paper products	C17	4.5	-9.1	-6.0	13.8	3.6	1.1
Printing and reproduction of recorded media	C18	6.0	-5.2	-1.4	2.9	-0.4	1.7
Manufacture of coke and refined petroleum products	C19	..	..	..	..	..	..
Manufacture of chemicals and chemical products	C20	-0.9	6.9	8.0	-3.5	12.2	-16.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	4.7	-2.6	1.6	2.8	3.2	-7.1
Manufacture of rubber and plastic products	C22	-2.3	-2.6	-0.9	2.1	0.9	1.2
Manufacture of other non-metallic mineral products	C23	-2.1	3.1	-2.8	-3.9	-0.5	-3.3
Manufacture of basic metals	C24	0.0	0.5	10.9	6.2	-9.0	-0.8
Manufacture of fabricated metal products, except machinery and equipment	C25	-5.5	7.3	4.5	-16.3	14.6	-5.7
Manufacture of computer, electronic and optical products	C26	-2.1	-5.7	4.7	-13.0	-4.3	-1.2
Manufacture of electrical equipment	C27	7.7	-2.1	-1.8	-8.6	-4.6	-2.3
Manufacture of machinery and equipment n.e.c.	C28	-3.4	-0.8	-4.6	3.7	-4.5	-1.7
Manufacture of motor vehicles, trailers and semi-trailers	C29	-5.4	-3.6	9.9	-2.4	8.7	-12.3
Manufacture of other transport equipment	C30	-6.0	8.1	10.4	-16.5	-6.9	-3.5
Manufacture of furniture	C31	9.1	-8.7	-4.7	-5.3	-3.0	3.4
Other manufacturing	C32	-1.1	2.2	2.6	-14.1	6.2	-16.1
Repair and installation of machinery and equipment	C33	-0.1	-7.8	9.2	-3.0	7.7	-6.3
Electricity, gas, steam and air conditioning supply	D	6.7	-7.3	1.0	-3.1	-3.2	-1.8
Electricity, gas, steam and air conditioning supply	D35	6.7	-7.3	1.0	-3.1	-3.2	-1.8

¹ Seasonally adjusted.

* Preliminary data.

„..“ - Confidential data.



Table 2

Changes of Industrial Production Indices compared to the same month of the previous year¹

(Per cent)

Economic activities	NACE.BG - 2008	2023					
		VI	VII	VIII	IX	X	XI*
Industry	B_TO_E36	-9.4	-11.6	-9.7	-11.6	-5.9	-10.9
Mining and quarrying	B	-10.8	-23.5	-12.1	-17.1	-1.5	-12.3
Mining of coal and lignite	B05	-70.1	-56.2	-45.5	-53.6	-29.6	-46.1
Extraction of crude petroleum and natural gas	B06	..	..	..	..	..	..
Mining of metal ores	B07	24.2	-1.2	11.7	14.1	24.6	18.9
Other mining and quarrying	B08	2.8	-11.5	-12.2	-22.4	2.0	-13.1
Mining support service activities	B09	..	..	..	..	..	..
Manufacturing	C	-6.4	-3.4	-1.9	-7.7	-6.1	-7.9
Manufacture of food products	C10	-13.2	-6.7	-14.2	-5.6	-0.2	2.8
Manufacture of beverages	C11	-7.4	-1.4	-8.4	-6.6	-9.6	-2.1
Manufacture of tobacco products	C12	-36.6	-50.7	-5.7	-16.5	-48.9	-6.1
Manufacture of textiles	C13	-29.0	-29.0	-25.2	-29.4	-27.0	-21.4
Manufacture of wearing apparel	C14	-3.7	-10.0	-11.3	-7.2	-11.0	-11.4
Manufacture of leather and related products	C15	-6.6	-14.7	-11.3	-14.1	-15.3	-3.7
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	C16	-16.6	-22.1	-16.5	-19.5	-14.2	-20.6
Manufacture of paper and paper products	C17	-9.6	-20.4	-24.6	-6.9	-11.6	-9.9
Printing and reproduction of recorded media	C18	0.1	-8.9	-8.0	-3.8	-7.0	1.3
Manufacture of coke and refined petroleum products	C19	..	..	..	..	..	..
Manufacture of chemicals and chemical products	C20	-17.5	-10.1	5.5	-2.5	17.3	-19.1
Manufacture of basic pharmaceutical products and pharmaceutical preparations	C21	-7.0	-1.5	10.3	5.3	7.9	4.9
Manufacture of rubber and plastic products	C22	-10.5	-12.4	-9.3	-7.7	-5.9	3.8
Manufacture of other non-metallic mineral products	C23	-19.6	-14.7	-20.0	-24.4	-23.1	-22.3
Manufacture of basic metals	C24	-11.8	-8.0	1.0	9.9	-3.8	8.3
Manufacture of fabricated metal products, except machinery and equipment	C25	12.3	30.8	26.6	1.1	13.9	-3.6
Manufacture of computer, electronic and optical products	C26	-7.7	-21.0	-5.2	-34.1	-31.0	-11.3
Manufacture of electrical equipment	C27	9.0	6.3	5.7	-8.0	-11.7	-16.0
Manufacture of machinery and equipment n.e.c.	C28	-9.6	-12.6	-17.6	-9.7	-17.0	-13.3
Manufacture of motor vehicles, trailers and semi-trailers	C29	1.3	8.1	9.8	2.5	17.1	-5.3
Manufacture of other transport equipment	C30	-0.5	-2.8	21.4	-7.6	-35.0	-42.7
Manufacture of furniture	C31	-12.7	-20.2	-16.7	-26.8	-29.6	-22.0
Other manufacturing	C32	-13.5	8.1	13.4	-7.6	1.5	-19.1
Repair and installation of machinery and equipment	C33	8.4	-4.3	-3.9	-3.5	14.1	8.8
Electricity, gas, steam and air conditioning supply	D	-26.7	-41.9	-40.6	-32.5	-10.1	-27.0
Electricity, gas, steam and air conditioning supply	D35	-26.7	-41.9	-40.6	-32.5	-10.1	-27.0

¹ Calendar-adjusted.

* Preliminary data.

„..“ - Confidential data.



Table 3

Industrial Production Indices
(Seasonally adjusted, 2015 = 100)

NACE.BG - 2008	2022		2023										
	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI*
B_TO_E36	123.0	122.7	119.6	118.8	116.2	112.9	114.6	115.0	113.7	114.6	111.8	113.6	110.0
B	117.9	124.6	111.3	115.4	117.2	106.9	101.7	106.0	97.4	102.7	99.7	109.2	103.0
B05	109.2	101.3	92.4	91.8	77.4	65.6	53.9	48.4	57.6	57.9	48.1	57.6	52.0
B06	..	..	..	..	..	..	..	..	..	..	..	..	..
B07	122.9	153.8	108.1	128.7	155.1	132.3	136.2	153.7	117.9	135.2	141.5	147.9	146.1
B08	142.1	136.3	162.8	135.8	138.3	124.7	145.4	144.4	126.7	126.2	117.6	143.8	124.6
B09	..	..	..	..	..	..	..	..	..	..	..	..	..
C	132.2	135.9	132.9	128.6	129.4	125.0	125.4	125.8	127.0	128.4	124.5	125.3	121.9
C10	111.4	122.3	121.6	111.3	111.0	115.6	113.2	106.8	110.0	110.6	111.3	116.3	113.9
C11	110.6	112.3	112.3	103.4	111.1	103.4	101.3	101.3	101.5	98.8	99.1	100.3	105.4
C12	29.6	34.2	41.6	41.5	35.0	30.5	30.6	30.2	25.3	37.0	30.9	24.4	28.1
C13	106.4	106.3	97.9	89.9	89.1	83.0	80.5	79.6	78.5	84.5	76.7	74.7	81.5
C14	79.3	80.1	77.3	82.2	82.4	76.2	77.5	78.6	73.0	70.7	76.0	74.3	71.2
C15	64.5	64.5	62.3	60.7	71.7	63.6	64.9	63.2	57.7	57.8	59.1	57.1	59.7
C16	91.2	83.9	79.2	79.6	80.4	73.7	76.7	75.2	73.3	71.9	69.0	74.7	72.2
C17	111.6	103.7	107.6	100.7	99.8	92.6	92.8	97.0	88.2	82.9	94.4	97.8	98.8
C18	105.5	106.4	105.3	104.4	108.3	102.8	102.7	108.9	103.2	101.8	104.8	104.4	106.1
C19	..	..	..	..	..	..	..	..	..	..	..	..	..
C20	132.1	141.9	122.5	115.0	116.8	116.6	103.5	102.6	109.7	118.4	114.3	128.2	106.9
C21	117.8	145.8	126.8	130.6	119.1	124.2	122.6	128.4	125.0	127.0	130.6	134.8	125.3
C22	124.5	133.6	133.4	131.7	130.0	129.9	130.6	127.7	124.3	123.1	125.7	126.9	128.4
C23	127.2	129.1	142.2	130.8	126.0	111.5	109.3	106.9	110.2	107.2	103.0	102.5	99.1
C24	111.3	115.1	109.7	99.7	101.4	97.9	106.1	106.2	106.7	118.3	125.6	114.3	113.4
C25	178.2	150.3	195.9	163.2	179.1	168.7	180.1	170.1	182.5	190.7	159.5	182.7	172.4
C26	237.3	247.4	272.7	269.9	272.0	273.1	270.7	265.0	249.9	261.6	227.7	217.9	215.3
C27	170.5	179.6	172.2	169.8	167.9	170.5	166.5	179.2	175.4	172.3	157.4	150.2	146.7
C28	125.4	121.5	123.4	124.6	123.9	120.8	123.4	119.2	118.2	112.7	116.9	111.6	109.8
C29	167.9	186.0	158.9	155.4	166.9	157.9	172.1	162.7	156.9	172.4	168.3	182.9	160.5
C30	338.5	332.1	318.6	292.6	327.2	298.1	322.4	302.9	327.6	361.6	301.9	281.2	271.5
C31	100.4	99.9	87.1	89.4	88.3	98.3	87.1	95.0	86.8	82.7	78.3	76.0	78.5
C32	210.2	229.1	211.1	214.6	227.4	214.6	218.5	216.2	221.0	226.7	194.6	206.7	173.3
C33	118.2	118.9	149.0	128.3	119.6	135.0	130.6	130.4	120.3	131.4	127.4	137.3	128.6
D	91.9	79.3	77.5	86.1	70.8	66.3	72.3	77.2	71.5	72.3	70.0	67.8	66.6
35	91.9	79.3	77.5	86.1	70.8	66.3	72.3	77.2	71.5	72.3	70.0	67.8	66.6

* Preliminary data.

„...“ - Confidential data.



Table 4

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

NACE.BG - 2008	2020	2021	2022		2023										
	XI	XI	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI*
B_TO_E36	108.5	123.6	128.9	123.7	112.9	112.3	121.2	107.9	109.4	117.7	117.3	112.4	111.0	118.3	114.9
B	94.7	134.3	126.8	137.0	107.5	110.5	115.1	97.6	95.2	102.3	94.2	100.4	103.8	121.6	111.2
B05	64.9	129.1	123.2	117.2	106.0	94.3	71.1	46.7	35.6	28.4	50.2	53.8	53.3	78.0	66.4
B06	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B07	96.8	134.6	122.9	153.8	108.1	128.7	155.1	132.3	136.2	153.7	117.9	135.2	141.5	147.9	146.1
B08	146.2	159.7	159.6	136.4	117.7	106.0	132.8	118.3	148.5	155.5	132.4	131.6	125.1	163.7	138.6
B09	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C	118.6	126.6	136.6	130.2	120.5	118.3	132.8	124.1	125.3	132.2	131.7	123.1	124.8	133.5	125.8
C10	112.7	122.1	115.7	126.5	109.1	97.2	111.2	110.7	113.1	108.7	110.2	112.5	115.9	127.8	119.0
C11	81.1	91.2	99.6	103.8	79.5	72.5	104.1	97.5	105.1	121.4	125.5	123.3	108.3	94.3	97.6
C12	39.3	38.5	26.3	28.5	26.0	29.0	32.1	31.8	33.2	39.2	24.5	41.1	34.5	24.1	24.7
C13	101.7	118.7	110.1	95.9	90.1	89.7	95.8	82.1	84.3	85.0	77.8	71.2	75.6	78.1	86.5
C14	68.1	76.4	79.2	76.5	81.0	82.9	83.4	69.6	72.2	83.3	82.4	65.6	74.5	75.7	70.1
C15	78.8	81.0	67.7	59.6	64.7	59.4	78.5	59.6	60.3	67.4	63.5	46.5	57.2	60.7	65.3
C16	85.2	84.2	97.1	78.9	65.9	69.4	80.6	73.9	80.3	79.1	78.7	70.5	70.8	80.0	77.1
C17	99.3	105.6	113.4	97.3	104.8	95.8	104.3	89.9	92.8	101.5	90.8	79.4	92.2	103.4	102.3
C18	116.1	142.4	119.4	108.1	93.6	95.5	110.1	101.5	102.9	111.9	103.8	96.2	101.3	112.9	120.9
C19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C20	114.8	138.0	135.5	141.0	115.0	109.2	127.9	117.8	102.3	105.1	111.2	113.0	111.6	129.6	109.6
C21	130.2	137.0	125.6	163.3	120.6	115.7	122.3	123.7	119.1	137.8	124.5	115.1	124.5	142.1	131.7
C22	151.1	144.6	123.8	117.7	124.7	127.3	137.1	127.1	130.1	133.5	129.8	116.4	127.4	139.4	128.6
C23	124.2	138.7	137.4	112.5	102.8	107.4	123.6	112.3	115.9	112.5	118.5	112.7	109.8	114.1	106.7
C24	117.6	112.7	107.0	117.7	114.5	96.5	109.3	94.5	106.8	105.0	106.7	110.4	119.9	120.5	115.8
C25	130.8	127.1	196.4	159.7	151.2	145.9	180.7	169.9	176.9	180.0	194.5	186.5	160.6	189.6	189.3
C26	199.9	300.9	252.8	239.8	258.0	248.9	278.6	268.1	263.6	275.2	253.7	230.1	225.0	243.5	224.1
C27	147.4	159.4	183.2	160.7	162.9	166.4	174.8	171.0	158.2	191.2	180.3	155.5	159.9	157.8	153.9
C28	111.7	130.5	133.0	113.6	112.8	119.7	130.2	123.7	121.4	126.9	124.6	97.7	116.6	118.7	115.3
C29	183.6	134.4	184.3	172.6	159.2	158.7	181.8	153.2	168.1	171.1	145.7	152.4	166.4	196.5	174.6
C30	213.1	230.8	361.3	280.0	279.2	290.6	356.6	301.0	314.0	324.1	338.1	292.8	281.6	249.9	207.1
C31	112.1	116.7	108.4	97.0	76.2	82.4	88.6	95.5	84.4	101.3	91.3	78.2	80.0	82.3	84.5
C32	116.4	192.8	226.9	207.7	183.6	189.9	232.0	208.7	213.6	247.0	221.8	226.0	203.4	225.3	183.6
C33	127.4	104.8	129.2	155.8	109.4	110.7	121.6	121.5	123.9	134.0	122.1	128.5	133.5	142.4	140.6
D	75.6	111.4	103.3	95.5	88.5	93.3	81.2	53.0	52.4	68.3	72.2	73.9	59.4	59.8	75.4
D35	75.6	111.4	103.3	95.5	88.5	93.3	81.2	53.0	52.4	68.3	72.2	73.9	59.4	59.8	75.4

* Preliminary data.

„...“ - Confidential data.