

## PRODUCER PRICE INDICES IN INDUSTRY<sup>1,2</sup>, AUGUST 2023

### 1. Total Producer Price Indices in Industry<sup>3</sup>

**The Total Producer Price Index in Industry** rose by 0.2% in August 2023 compared to the previous month. An increase of 1.2% was registered in the manufacturing industry, while in the electricity, gas, steam and air conditioning supply prices fell by 2.4%, and in the mining and quarrying industry - by 2.2%.

Higher prices in the manufacturing industry were observed in the manufacture of leather and related products by 12.2%, and in the manufacture of chemicals and chemical products by 3.6%. Lower prices were recorded in the manufacture of textiles by 1.4%, and in the manufacture of paper and paper products by 1.0%.

**The Total Producer Price Index** went down by 20.4% in August 2023 compared to the same month in 2022. There was a considerable decline in prices in the electricity, gas, steam and air conditioning supply - 51.9%, while the mining and quarrying industry marked a rise by 3.0%, and the manufacturing industry - by 0.2%.

In manufacturing, prices grew considerably in the manufacture of tobacco products by 45.0%, and in the manufacture of other non-metallic mineral products by 18.1%. The most significant drop in prices was reported in the manufacture of chemicals and chemical products - 17.5%, and in the manufacture of basic metals - 7.6%.

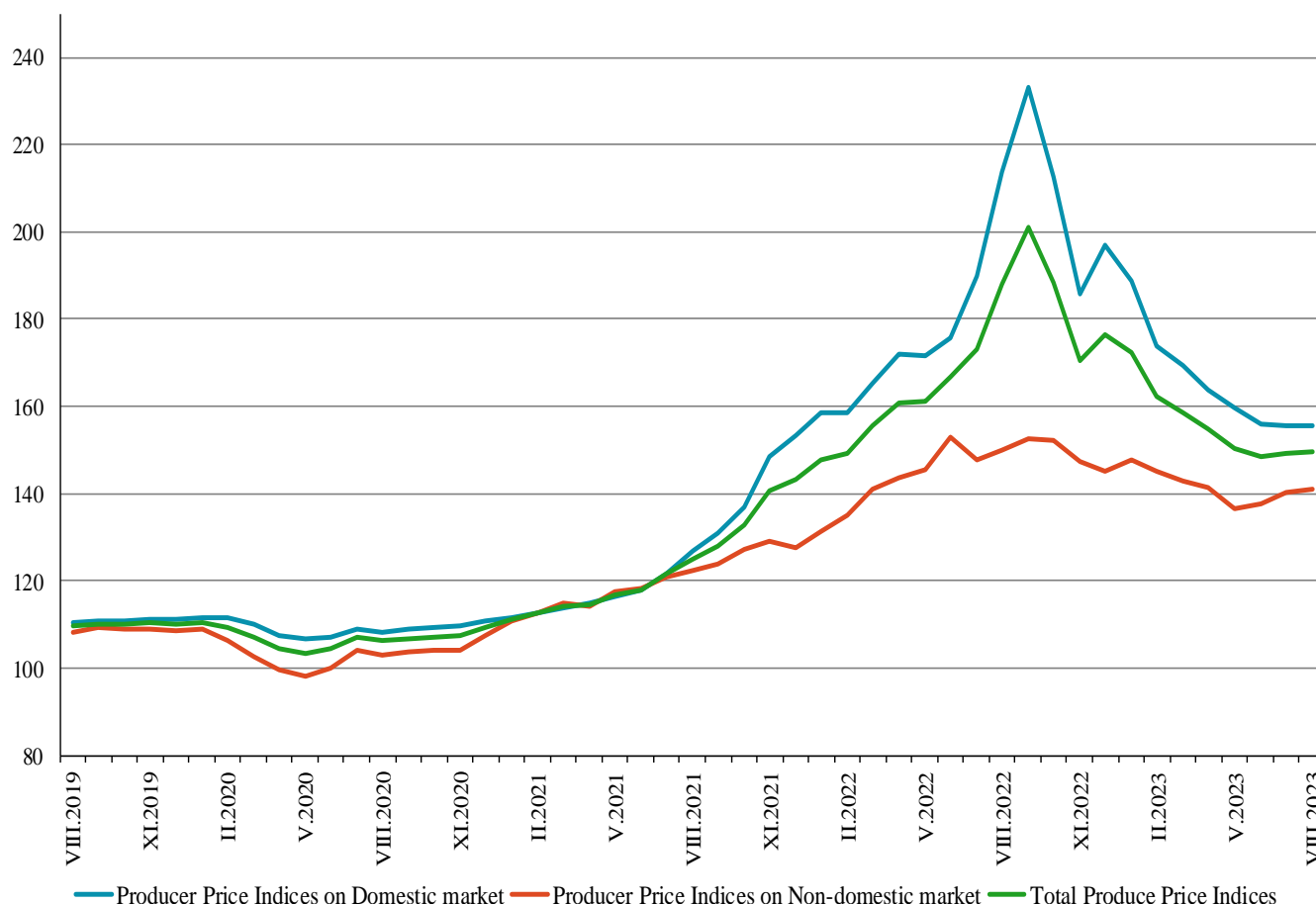
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<sup>1</sup> Producer Price Indices measure the average change in the prices of industrial products, which are produced and sold by Bulgarian enterprises. They can be considered an early measure of the current inflation process in the economy and they can be used for international comparisons. Information for the calculation of Producer Price Indices is received on the basis of monthly surveys on producer prices of industrial products sold on the domestic market and on industrial products sold on the non-domestic market. Producer price surveys are based on a constant sample of groups of products, and that sample is representative of total industrial production.

<sup>2</sup> The text does not quote the activities that are confidential according to the Law on Statistics and in this way, they are statistical secrecy.

<sup>3</sup> Total Producer Price Indices are calculated from Producer Price Indices on the Domestic Market and Producer Price Indices on the Non-domestic Market weighted with the turnover structure on the domestic and the non-domestic market to the total value of turnover in the base year (2015).

**Figure 1. Total Producer Price Indices in Industry  
(2015 = 100)**



## 2. Producer Price Indices on Domestic Market<sup>1</sup>

**The Producer Price Index on the Domestic Market** remained unchanged in August 2023 compared to the previous month. The domestic prices decreased in the electricity, gas, steam and air conditioning supply by 2.8%, and in the mining and quarrying industry by 2.6%, while in the manufacturing industry prices rose by 2.0%.

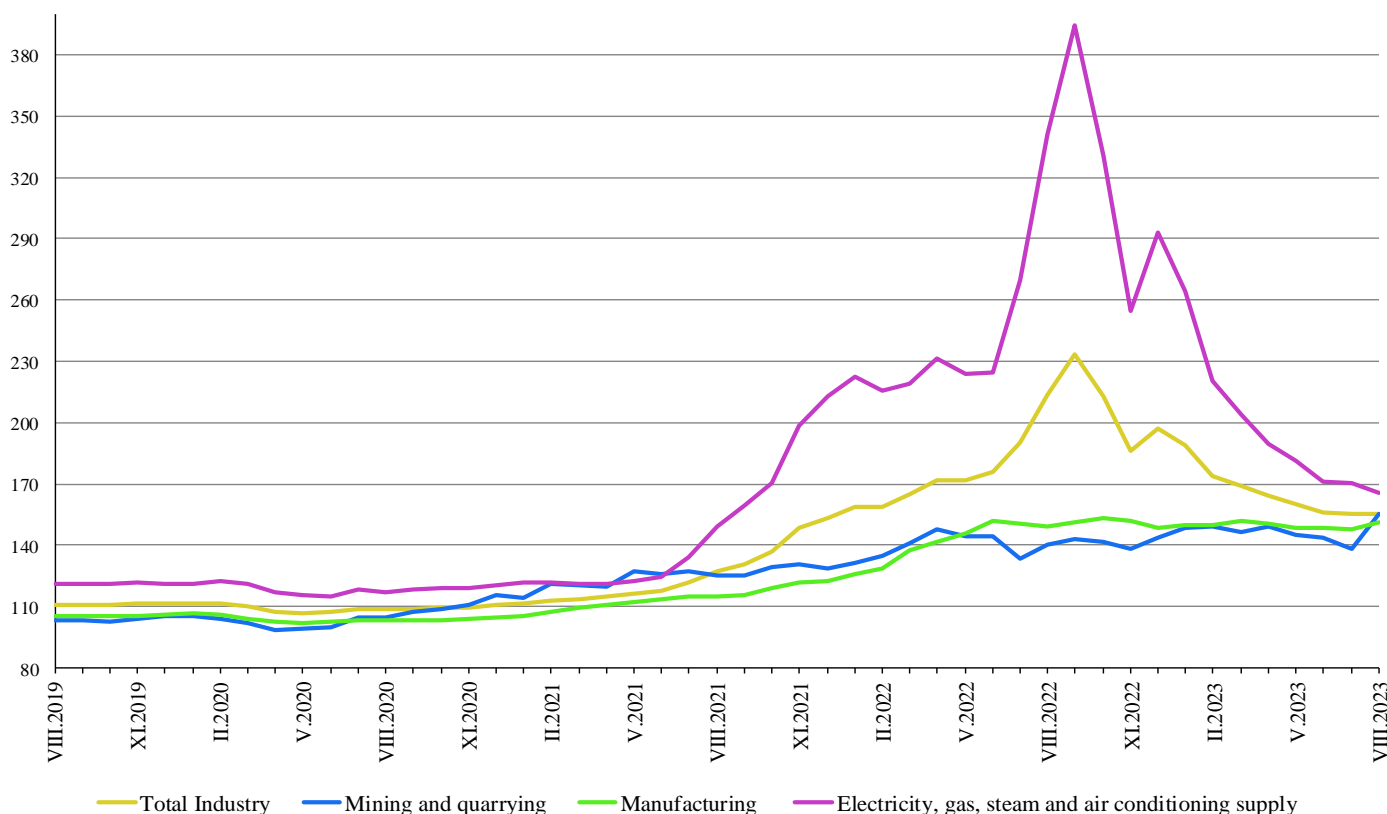
Higher price levels in manufacturing were observed in the manufacture of chemicals and chemical products by 5.9%, in the repair and installation of machinery and equipment by 1.4%, and in the manufacture of wearing apparel by 0.9%. Prices were lower in the manufacture of paper and paper products by 1.0%, in the printing and reproduction of recorded media, and in the manufacture of fabricated metal products, except machinery and equipment - both by 0.5%.

<sup>1</sup> Producer Price Indices on the Domestic Market are calculated at a constant base (2015), weighed with the turnover structure on the domestic market.

**The Producer Price Index on the Domestic Market** decreased by 27.2% compared to August 2022. Lower prices were reported in the electricity, gas, steam and air conditioning supply - by 51.5%, and in the mining and quarrying industry - by 4.1%, while the prices in the manufacturing industry rose by 1.3%.

Compared to August 2022, a significant growth in prices was registered in the manufacture of tobacco products by 60.8%, in the manufacture of leather and related products by 37.0%, and in the manufacture of motor vehicles, trailers and semi-trailers by 15.3%. Prices went down in the manufacture of chemicals and chemical products by 26.1%, and in the manufacture of basic metals by 10.8%.

**Figure 2. Producer Price Indices on Domestic Market in Industry**  
(2015 = 100)



### 3. Producer Price Indices on Non-domestic Market<sup>1</sup>

**The Producer Price Index on the Non-domestic Market** increased by 0.6% in August 2023 compared to the previous month, while compared to the corresponding month of 2022, a decline of 5.9% was observed.

<sup>1</sup> Producer Price Indices on the Non-domestic Market are calculated at a constant base (2015), weighed with the turnover structure on the non-domestic market.



Annex

Table 1

Total Producer Price Indices in August 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
<b>Industry</b>	<b>149.7</b>	<b>100.2</b>	<b>79.6</b>
<b>Mining and quarrying</b>	<b>142.9</b>	<b>97.8</b>	<b>103.0</b>
Mining of coal and lignite	98.0	90.0	99.1
Extraction of crude petroleum and natural gas	..	..	..
Mining of metal ores	166.4	99.8	109.2
Other mining and quarrying	152.7	100.0	109.3
Mining support service activities	..	..	..
<b>Manufacturing</b>	<b>144.2</b>	<b>101.2</b>	<b>100.2</b>
Manufacture of food products	154.3	100.3	101.5
Manufacture of beverages	135.0	100.2	111.4
Manufacture of tobacco products	164.9	100.0	145.0
Manufacture of textiles	130.3	98.6	109.6
Manufacture of wearing apparel	134.9	100.3	110.2
Manufacture of leather and related products	133.8	112.2	106.8
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	168.4	99.5	101.1
Manufacture of paper and paper products	139.1	99.0	96.3
Printing and reproduction of recorded media	130.1	99.6	100.6
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	140.5	103.6	82.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	130.2	100.8	111.3
Manufacture of rubber and plastic products	141.3	99.4	103.1
Manufacture of other non-metallic mineral products	156.4	100.2	118.1
Manufacture of basic metals	158.5	99.3	92.4
Manufacture of fabricated metal products, except machinery and equipment	142.4	99.8	98.5
Manufacture of computer, electronic and optical products	123.2	100.2	112.0
Manufacture of electrical equipment	137.0	100.2	109.0
Manufacture of machinery and equipment n.e.c.	133.4	100.1	112.2
Manufacture of motor vehicles, trailers and semi-trailers	123.3	100.1	102.4
Manufacture of other transport equipment	108.5	100.1	101.5
Manufacture of furniture	143.9	100.8	108.0
Other manufacturing	116.6	100.1	104.6
Repair and installation of machinery and equipment	133.2	101.0	107.0
<b>Electricity, gas, steam and air conditioning supply</b>	<b>168.9</b>	<b>97.6</b>	<b>48.1</b>
Electricity, gas, steam and air conditioning supply	168.9	97.6	48.1

‘..’ - Confidential data.



Table 2

Producer Price Indices on Domestic Market in August 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
	<b>155.4</b>	<b>100.0</b>	<b>72.8</b>
<b>Industry</b>			
<b>Mining and quarrying</b>	<b>134.5</b>	<b>97.4</b>	<b>95.9</b>
Mining of coal and lignite	98.4	90.0	99.1
Extraction of crude petroleum and natural gas	..	..	..
Mining of metal ores	159.0	100.1	97.3
Other mining and quarrying	144.8	100.0	110.0
Mining support service activities	..	..	..
<b>Manufacturing</b>	<b>150.9</b>	<b>102.0</b>	<b>101.3</b>
Manufacture of food products	159.6	100.3	103.8
Manufacture of beverages	136.4	100.2	111.8
Manufacture of tobacco products	178.3	100.0	160.8
Manufacture of textiles	140.5	99.8	109.8
Manufacture of wearing apparel	128.8	100.9	110.4
Manufacture of leather and related products	149.0	100.4	137.0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	186.4	99.8	100.5
Manufacture of paper and paper products	138.4	99.0	97.6
Printing and reproduction of recorded media	132.9	99.5	100.7
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	160.1	105.9	73.9
Manufacture of basic pharmaceutical products and pharmaceutical preparations	128.1	100.0	108.5
Manufacture of rubber and plastic products	131.9	99.7	100.5
Manufacture of other non-metallic mineral products	157.2	100.3	112.8
Manufacture of basic metals	153.6	100.3	89.2
Manufacture of fabricated metal products, except machinery and equipment	146.3	99.5	97.8
Manufacture of computer, electronic and optical products	120.5	100.8	105.6
Manufacture of electrical equipment	142.7	100.3	105.9
Manufacture of machinery and equipment n.e.c.	139.1	100.3	109.2
Manufacture of motor vehicles, trailers and semi-trailers	129.3	99.8	115.3
Manufacture of other transport equipment	123.0	100.0	103.6
Manufacture of furniture	155.8	100.3	110.1
Other manufacturing	102.6	100.0	102.1
Repair and installation of machinery and equipment	146.7	101.4	109.5
<b>Electricity, gas, steam and air conditioning supply</b>	<b>165.6</b>	<b>97.2</b>	<b>48.5</b>
Electricity, gas, steam and air conditioning supply	165.6	97.2	48.5

‘..’ - Confidential data.



Table 3

Producer Price Indices on Non-domestic Market in August 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
<b>Industry</b>	<b>141.0</b>	<b>100.6</b>	<b>94.1</b>
<b>Mining and quarrying</b>	<b>185.5</b>	<b>99.3</b>	<b>140.9</b>
Mining of coal and lignite	-	-	-
Extraction of crude petroleum and natural gas	-	-	-
Mining of metal ores	..	..	..
Other mining and quarrying	191.2	100.1	106.7
Mining support service activities	-	-	-
<b>Manufacturing</b>	<b>137.8</b>	<b>100.5</b>	<b>99.1</b>
Manufacture of food products	139.5	100.2	94.7
Manufacture of beverages	119.1	100.0	105.9
Manufacture of tobacco products	131.7	100.0	109.0
Manufacture of textiles	125.1	97.9	109.5
Manufacture of wearing apparel	137.9	100.0	110.1
Manufacture of leather and related products	126.6	120.0	95.2
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	142.3	99.0	102.3
Manufacture of paper and paper products	140.4	98.9	94.0
Printing and reproduction of recorded media	111.9	100.0	100.0
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	117.3	100.0	101.6
Manufacture of basic pharmaceutical products and pharmaceutical preparations	133.5	102.0	115.9
Manufacture of rubber and plastic products	150.3	99.1	105.4
Manufacture of other non-metallic mineral products	155.2	99.9	127.7
Manufacture of basic metals	159.5	99.1	93.0
Manufacture of fabricated metal products, except machinery and equipment	135.2	100.4	100.0
Manufacture of computer, electronic and optical products	124.2	100.0	114.5
Manufacture of electrical equipment	134.7	100.2	110.4
Manufacture of machinery and equipment n.e.c.	130.4	100.0	114.0
Manufacture of motor vehicles, trailers and semi-trailers	122.6	100.1	101.0
Manufacture of other transport equipment	101.4	100.1	100.3
Manufacture of furniture	121.8	101.9	103.4
Other manufacturing	122.9	100.1	105.5
Repair and installation of machinery and equipment	107.5	100.0	101.2
<b>Electricity, gas, steam and air conditioning supply</b>	<b>233.9</b>	<b>104.4</b>	<b>42.5</b>
Electricity, gas, steam and air conditioning supply	233.9	104.4	42.5

‘..’ - Confidential data.

‘-’ - No case registered.