

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

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

**The Total Producer Price Index in Industry** rose by 0.5% in July 2023 compared to the previous month. A 0.8% increase was registered in the manufacturing industry, while the mining and quarrying industry as well as the electricity, gas, steam and air conditioning supply fell by 0.3% and 0.2%, respectively.

Higher prices in the manufacturing industry were observed in the production of basic metals - 3.6%, the manufacture of chemicals and chemical products - 1.5%, and the manufacture of beverages - 1.3%. Lower prices were recorded in the manufacture of leather and related products - 10.6%, the manufacture of wood and products of wood except furniture - 2.1%, and the fabricated metal products except machinery and equipment - 1.7%.

**The Total Producer Price Index** went down by 13.7% in July 2023 compared to the same month in 2022. There was a considerable decline in prices in the electricity, gas, steam and air conditioning supply - 37.0%, and in the manufacturing industry - 2.6%, while the mining and quarrying industry marked a rise of 11.2%.

In the manufacturing, the most significant drop in prices was reported in the manufacture of chemicals and chemical products - 18.8%, and in the manufacture of basic metals - 6.7%.

Prices grew considerably in the manufacture of tobacco products by 44.9%, and in the manufacture of other non-metallic mineral products by 19.1%.

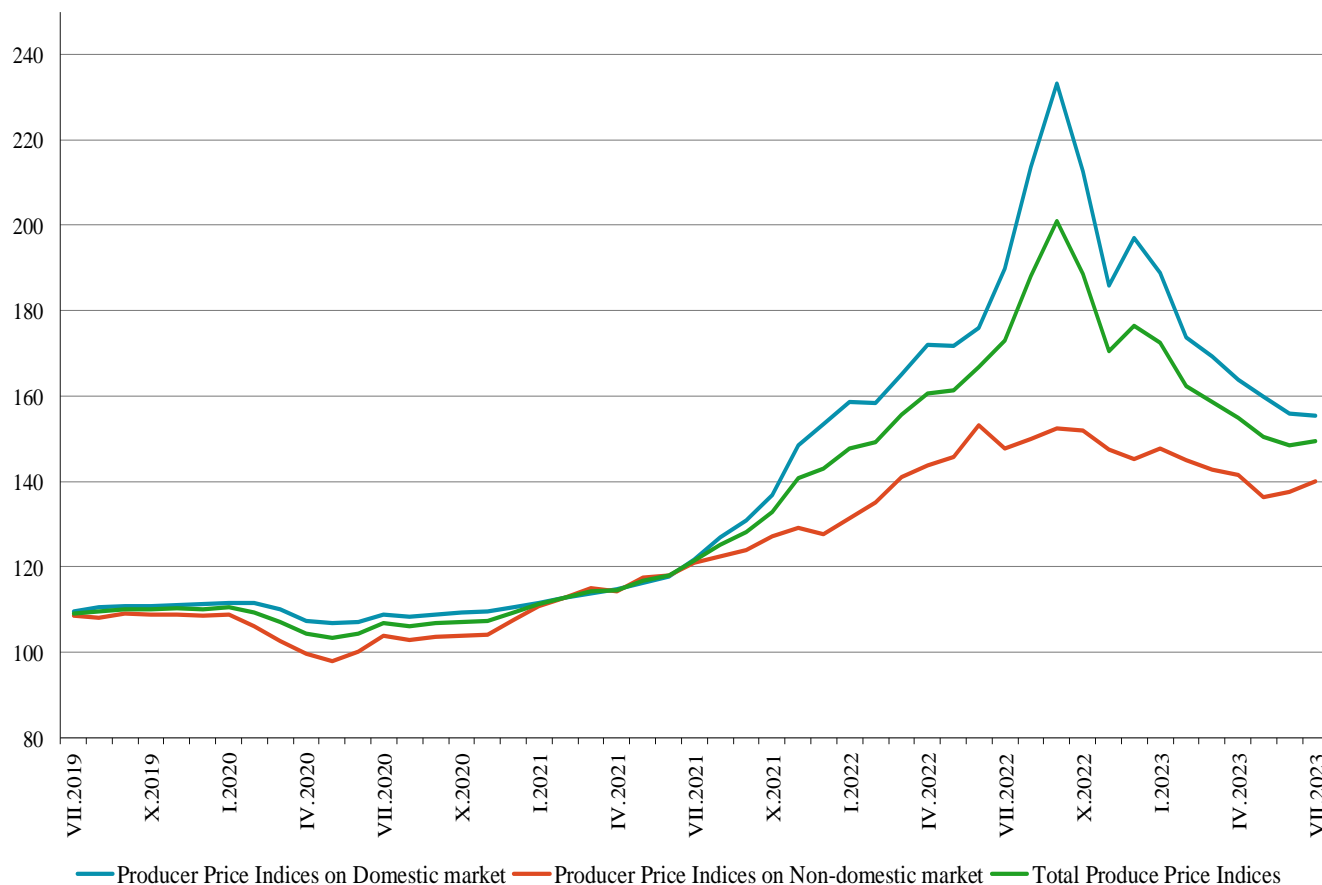
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<sup>1</sup> Producer Price Indices measure the average change in the prices of industrial products, which are produced and sold by Bulgarian enterprises. They can be considered an early measure of the current inflation process in the economy and they can be used for international comparisons. Information for 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 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** fell by 0.3% in July 2023 compared to the previous month. The domestic prices decreased in the mining and quarrying industry by 4.0%, in the electricity, gas, steam and air conditioning supply by 0.2%, and in the manufacturing industry by 0.1%.

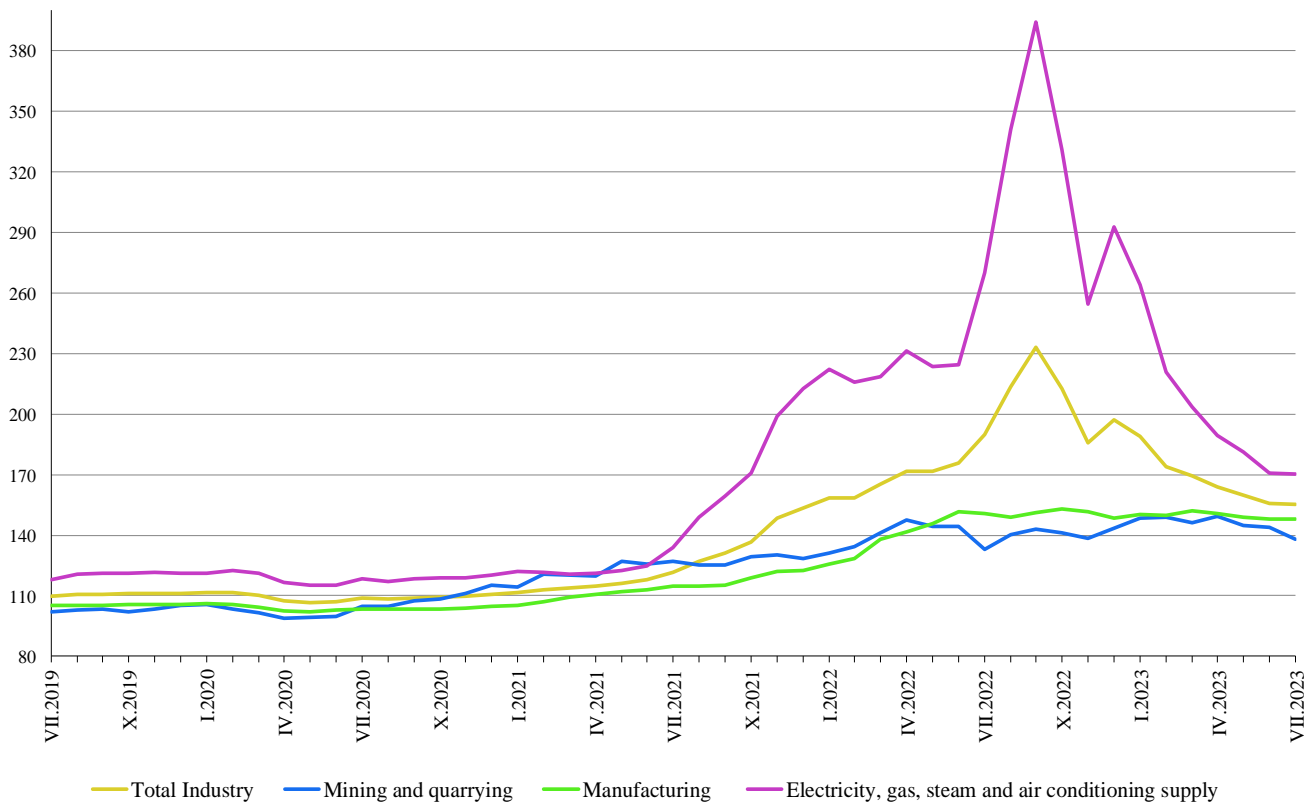
In the manufacturing, the prices were lower in the manufacture of metal articles except machinery and equipment - 2.6%, and the manufacture of wood and articles of wood except furniture - 2.4%. Higher price levels were observed in the manufacture of beverages - 1.4%, as well as the manufacture of furniture - 0.6%.

<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 18.1% compared to July 2022. Lower prices were reported in the electricity, gas, steam and air conditioning supply - 36.8%, and in the manufacturing - 1.7%, while the prices in the mining and quarrying industry rose by 3.7%.

Compared to July 2022, a price decline was reported in the manufacture of chemicals and chemical products by 28.6%, and in the manufacture of basic metals by 13.7%. 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 37.3%, in the manufacture of motor vehicles, trailers and semi-trailers by 17.5%, and in the manufacture of other non-metallic mineral products by 14.5%.

**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 1.9% in July 2023 compared to the previous month, while compared to the corresponding month of 2022, a decline of 5.2% 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 July 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
<b>Industry</b>	<b>149.3</b>	<b>100.5</b>	<b>86.3</b>
<b>Mining and quarrying</b>	<b>146.1</b>	<b>99.7</b>	<b>111.2</b>
Mining of coal and lignite	109.0	91.3	112.2
Extraction of crude petroleum and natural gas	..	..	..
Mining of metal ores	166.7	103.2	114.7
Other mining and quarrying	152.6	99.7	113.4
Mining support service activities	..	..	..
<b>Manufacturing</b>	<b>142.5</b>	<b>100.8</b>	<b>97.4</b>
Manufacture of food products	153.9	100.0	101.7
Manufacture of beverages	134.8	101.3	111.6
Manufacture of tobacco products	164.9	100.8	144.9
Manufacture of textiles	132.2	100.5	114.6
Manufacture of wearing apparel	134.5	100.5	110.5
Manufacture of leather and related products	119.2	89.4	95.6
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	169.2	97.9	103.6
Manufacture of paper and paper products	140.5	99.8	98.2
Printing and reproduction of recorded media	130.7	100.2	102.8
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	135.7	101.5	81.2
Manufacture of basic pharmaceutical products and pharmaceutical preparations	129.2	100.2	111.3
Manufacture of rubber and plastic products	142.2	100.3	102.7
Manufacture of other non-metallic mineral products	156.2	100.2	119.1
Manufacture of basic metals	159.6	103.6	93.3
Manufacture of fabricated metal products, except machinery and equipment	142.7	98.3	101.1
Manufacture of computer, electronic and optical products	123.0	100.7	112.0
Manufacture of electrical equipment	136.7	100.4	108.7
Manufacture of machinery and equipment n.e.c.	133.3	100.3	113.4
Manufacture of motor vehicles, trailers and semi-trailers	123.2	100.1	102.5
Manufacture of other transport equipment	108.5	100.1	102.7
Manufacture of furniture	142.7	100.7	107.6
Other manufacturing	116.5	100.1	104.6
Repair and installation of machinery and equipment	131.9	100.0	108.9
<b>Electricity, gas, steam and air conditioning supply</b>	<b>173.0</b>	<b>99.8</b>	<b>63.0</b>
Electricity, gas, steam and air conditioning supply	173.0	99.8	63.0

‘..’ - Confidential data.



Table 2

Producer Price Indices on Domestic Market in July 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
<b>Industry</b>	<b>155.5</b>	<b>99.7</b>	<b>81.9</b>
<b>Mining and quarrying</b>	<b>138.0</b>	<b>96.0</b>	<b>103.7</b>
Mining of coal and lignite	109.4	91.3	112.2
Extraction of crude petroleum and natural gas	..	..	..
Mining of metal ores	158.9	97.2	101.8
Other mining and quarrying	144.8	99.6	111.9
Mining support service activities	..	..	..
<b>Manufacturing</b>	<b>148.0</b>	<b>99.9</b>	<b>98.3</b>
Manufacture of food products	159.1	99.7	104.4
Manufacture of beverages	136.2	101.4	111.9
Manufacture of tobacco products	178.3	100.0	160.8
Manufacture of textiles	140.7	99.7	114.1
Manufacture of wearing apparel	127.6	100.1	110.2
Manufacture of leather and related products	148.5	100.3	137.3
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	186.7	97.6	103.9
Manufacture of paper and paper products	139.7	99.5	99.4
Printing and reproduction of recorded media	133.5	99.8	103.6
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	151.2	100.1	71.4
Manufacture of basic pharmaceutical products and pharmaceutical preparations	128.1	100.0	109.4
Manufacture of rubber and plastic products	132.3	99.3	100.5
Manufacture of other non-metallic mineral products	156.8	100.2	114.5
Manufacture of basic metals	153.1	98.5	86.3
Manufacture of fabricated metal products, except machinery and equipment	147.0	97.4	98.4
Manufacture of computer, electronic and optical products	119.5	99.8	105.3
Manufacture of electrical equipment	142.3	99.7	105.1
Manufacture of machinery and equipment n.e.c.	138.6	100.3	110.4
Manufacture of motor vehicles, trailers and semi-trailers	129.6	100.3	117.5
Manufacture of other transport equipment	123.0	100.0	109.2
Manufacture of furniture	155.3	100.6	110.3
Other manufacturing	102.6	99.6	102.1
Repair and installation of machinery and equipment	144.7	100.0	109.6
<b>Electricity, gas, steam and air conditioning supply</b>	<b>170.4</b>	<b>99.8</b>	<b>63.2</b>
Electricity, gas, steam and air conditioning supply	170.4	99.8	63.2

‘..’ - Confidential data.



Table 3

Producer Price Indices on Non-domestic Market in July 2023

Economic activities	2015 = 100	The previous month = 100	The same month of the previous year = 100
<b>Industry</b>	<b>140.1</b>	<b>101.9</b>	<b>94.8</b>
<b>Mining and quarrying</b>	<b>186.9</b>	<b>116.1</b>	<b>151.9</b>
Mining of coal and lignite	-	-	-
Extraction of crude petroleum and natural gas	-	-	-
Mining of metal ores	..	..	..
Other mining and quarrying	191.1	100.1	119.3
Mining support service activities	-	-	-
<b>Manufacturing</b>	<b>137.2</b>	<b>101.7</b>	<b>96.5</b>
Manufacture of food products	139.2	101.0	94.0
Manufacture of beverages	119.1	100.0	108.6
Manufacture of tobacco products	131.7	103.8	108.9
Manufacture of textiles	127.8	100.9	114.9
Manufacture of wearing apparel	137.9	100.7	110.6
Manufacture of leather and related products	105.6	83.4	79.8
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	143.8	98.3	103.0
Manufacture of paper and paper products	141.9	100.2	96.3
Printing and reproduction of recorded media	111.9	103.2	97.3
Manufacture of coke and refined petroleum products	..	..	..
Manufacture of chemicals and chemical products	117.3	103.7	102.5
Manufacture of basic pharmaceutical products and pharmaceutical preparations	130.9	100.5	114.4
Manufacture of rubber and plastic products	151.6	101.2	104.6
Manufacture of other non-metallic mineral products	155.3	100.1	127.1
Manufacture of basic metals	160.9	104.6	94.7
Manufacture of fabricated metal products, except machinery and equipment	134.7	100.1	107.1
Manufacture of computer, electronic and optical products	124.2	101.0	114.6
Manufacture of electrical equipment	134.4	100.8	110.3
Manufacture of machinery and equipment n.e.c.	130.4	100.3	115.1
Manufacture of motor vehicles, trailers and semi-trailers	122.4	100.1	100.9
Manufacture of other transport equipment	101.3	100.2	99.2
Manufacture of furniture	119.4	100.9	101.6
Other manufacturing	122.8	100.3	105.6
Repair and installation of machinery and equipment	107.5	100.0	107.4
<b>Electricity, gas, steam and air conditioning supply</b>	<b>224.0</b>	<b>100.6</b>	<b>61.1</b>
Electricity, gas, steam and air conditioning supply	224.0	100.6	61.1

‘..’ - Confidential data.  
‘-’ - No case registered.