



## PRODUCER PRICE INDICES IN INDUSTRY<sup>1</sup>, SEPTEMBER 2016

## 1. Total Producer Price Indices in Industry<sup>2</sup>

**Total Producer Price Index in Industry** in September 2016 increased by 0.5% compared to the previous month. Higher prices were registered in the mining and quarrying industry by 2.1% and in the manufacturing by 0.6%, while in the electricity, gas, steam and air conditioning supply the prices fell by 0.2%.

In the manufacturing<sup>3</sup>, more significant prices increases were seen in the manufacture of beverages by 0.8% and in the manufacture of wood and of products of wood and cork, except furniture by 0.5%, while prices decreases were reported in the manufacture of wearing apparel and in the manufacture of rubber and plastic products by 0.3%.

**Total Producer Price Index** in September 2016 decreased by 2.0% compared to the same month of 2015. The prices fell in the mining and quarrying industry by 1.9%, in the manufacturing by 0.9% and in the electricity, gas, steam and air conditioning supply by 5.5%.

More significant prices decreases were seen in the manufacture of paper and paper products by 2.8%, in the manufacture of chemicals and chemical products by 1.7% and in the manufacture of rubber and plastic products by 1.3%, while the producer prices rose in the repair and installation of machinery and equipment by 2.4% and in the manufacture of leather and related products by 1.7%.

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<sup>&</sup>lt;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 as an early measure of the current inflation process in the economy and also they can be used for international comparisons. Information for calculation of Producer Price Indices is received on the bases of monthly surveys on producer prices of industrial products, sold on domestic market and on industrial products sold on non-domestic market. Producer price surveys are based on constant sample of groups of products, and that sample is representative for total industrial production.

<sup>&</sup>lt;sup>2</sup> Total Producer Price Indices are calculated from Producer Price Indices on Domestic Market and Producer Price Indices on Non-domestic Market weighted with the turnover structure on domestic and on non-domestic market to the total value of turnover in the base year.

<sup>&</sup>lt;sup>3</sup> In the text are not quoted the activities that are confidential according to the Law on Statistics and in this way they are statistical secrecy.





Figure 1. Total Producer Price Indices in Industry (2010 = 100)



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

**Producer Price Index on Domestic Market** in September 2016 increased by 0.2% compared to the previous month. The domestic prices rose in the mining and quarrying industry by 0.1% and in the manufacturing by 0.5%, while in the electricity, gas, steam and air conditioning supply the prices went down by 0.2%.

In the manufacturing<sup>2</sup>, compared to the previous month the prices rose in the manufacture of beverages by 0.9% and in the manufacture of computer, electronic and optical products by 0.4%, while a price decrease was reported in the manufacture of basic metals by 1.5% and in the manufacture of electrical equipment by 0.4%.

<sup>1</sup> Producer Price Indices on domestic market are calculated at constant base (2010) weighed with turnover structure on domestic market.

<sup>&</sup>lt;sup>2</sup> In the text are not quoted the activities that according to the Law on Statistics are confidential and in this way they are statistical secrecy.

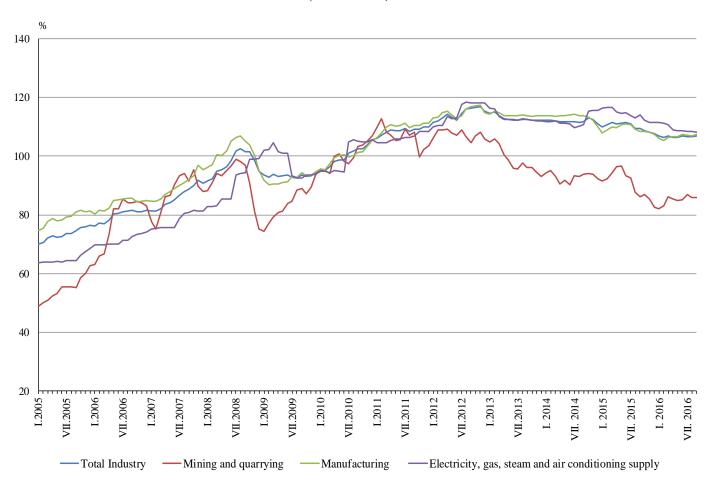




**Producer Price Index on Domestic Market** in September 2016 decreased by 2.4% compared to the same month of 2015. The domestic prices fell in the mining and quarrying industry by 0.2%, in the manufacturing by 0.9% and in the electricity, gas, steam and air conditioning supply by 5.1%.

In the manufacturing compared to September 2015 the prices fell in the manufacture of chemicals and chemical products by 4.7%, in the manufacture of basic metals by 3.4%, in the manufacture of wood and of products of wood and cork, except furniture and in the manufacture of rubber and plastic products by 1.7%. The prices increases were reported in the manufacture of computer, electronic and optical products by 3.0%, in the repair and installation of machinery and equipment by 2.8% and in the manufacture of other transport equipment by 1.9%.

Figure 2. Producer Price Indices on Domestic Market in Industry (2010 = 100)







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

**Producer Price Index on Non-domestic Market** in September 2016 rose by 1.0% compared to the previous month.

In the manufacturing<sup>2</sup> compared to the previous month the non-domestic prices rose by 0.8%. More significant prices increases were reported in the manufacture of wood and of products of wood and cork, except furniture by 0.8% and in the manufacture of basic pharmaceutical products and pharmaceutical preparations by 0.6%, while the prices fell in the manufacture of wearing apparel by 0.5%, the manufacture of paper and paper products and in the manufacture of rubber and plastic products by 0.3%.

**Producer Price Index on Non-domestic Market** in September 2016 decreased by 1.4% compared to the same month of 2015.

In the manufacturing, the prices fell by 0.9% compared to September 2015. The non-domestic prices went down in the manufacture of paper and paper products by 9.6% and in the manufacture of computer, electronic and optical products by 2.7%. The prices rose in the manufacture of wood and of products of wood and cork, except furniture by 6.3% and in the manufacture of tobacco products by 2.6%.

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<sup>&</sup>lt;sup>1</sup> Producer Price Indices on non-domestic market are calculated at constant base (2010) weighed with turnover structure on non-domestic market.

<sup>&</sup>lt;sup>2</sup> In the text are not quoted the activities that according to the Law on Statistics are confidential and in this way they are statistical secrecy.





Annex
Table 1
Total Producer Price Indices in September 2016<sup>1</sup>

Economic activities	2010 = 100	The previous month = 100	The same month of the previous year = 100
Industry	105.5	100.5	98.0
Mining and quarrying	94.0	102.1	98.1
Mining of coal and lignite	94.5	102.0	103.9
Extraction of crude petroleum and natural gas			
Mining of metal ores	93.4	102.7	96.6
Other mining and quarrying	101.7	99.7	96.2
Mining support service activities			
Manufacturing	105.5	100.6	99.1
Manufacture of food products	115.0	100.0	100.2
Manufacture of beverages	114.5	100.8	101.5
Manufacture of tobacco products	113.8	100.1	99.6
Manufacture of textiles	131.6	100.2	101.6
Manufacture of wearing apparel	119.6	99.7	100.6
Manufacture of leather and related products	122.2	100.0	101.7
Manufacture of wood and of products of wood and			
cork, except furniture; manufacture of articles of straw			
and plaiting materials	113.6	100.5	101.6
Manufacture of paper and paper products	106.2	99.8	97.2
Printing and reproduction of recorded media	106.5	99.9	99.7
Manufacture of coke and refined petroleum products			
Manufacture of chemicals and chemical products	111.4	100.2	98.3
Manufacture of basic pharmaceutical products and			
pharmaceutical preparations	105.0	100.3	101.3
Manufacture of rubber and plastic products	113.7	99.7	98.7
Manufacture of other non-metallic mineral products	99.9	99.8	100.8
Manufacture of basic metals	97.9	99.8	99.2
Manufacture of fabricated metal products, except			
machinery and equipment	114.6	99.9	101.0
Manufacture of computer, electronic and optical			
products	109.9	100.1	99.2
Manufacture of electrical equipment	102.9	99.8	98.8
Manufacture of machinery and equipment n.e.c.	110.2	100.0	99.8
Manufacture of motor vehicles, trailers and semi-			
trailers	111.7	100.3	101.1
Manufacture of other transport equipment	120.8	100.1	100.9
Manufacture of furniture	103.2	100.0	100.0
Other manufacturing	114.7	100.2	102.8
Repair and installation of machinery and equipment	118.7	100.2	102.4
Electricity, gas, steam and air conditioning supply	106.7	99.8	94.5
Electricity, gas, steam and air conditioning supply	106.7	99.8	94.5





Table 2
Producer Price Indices on Domestic Market in September 2016<sup>1</sup>

Industry   106.8   100.2   97.6
Mining and quarrying         85.9         100.1         99.8           Mining of coal and lignite         94.4         102.0         103.9           Extraction of crude petroleum and natural gas               Mining of metal ores         76.9         98.6         99.6           Other mining and quarrying         101.4         99.7         96.1           Mining support service activities              Manufacturing         107.5         100.5         99.1           Manufacture of food products         117.9         100.1         100.3           Manufacture of beverages         114.3         100.9         101.5           Manufacture of tobacco products         118.9         100.2         98.4           Manufacture of wearing apparel         115.0         100.1         100.5           Manufacture of leather and related products         119.9         100.2         100.0
Mining and quarrying         85.9         100.1         99.8           Mining of coal and lignite         94.4         102.0         103.9           Extraction of crude petroleum and natural gas               Mining of metal ores         76.9         98.6         99.6           Other mining and quarrying         101.4         99.7         96.1           Mining support service activities              Manufacturing         107.5         100.5         99.1           Manufacture of food products         117.9         100.1         100.3           Manufacture of beverages         114.3         100.9         101.5           Manufacture of tobacco products         118.9         100.2         98.4           Manufacture of wearing apparel         115.0         100.1         100.5           Manufacture of leather and related products         119.9         100.2         100.0
Mining of coal and lignite       94.4       102.0       103.9         Extraction of crude petroleum and natural gas            Mining of metal ores       76.9       98.6       99.6         Other mining and quarrying       101.4       99.7       96.1         Mining support service activities             Manufacturing       107.5       100.5       99.1         Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Extraction of crude petroleum and natural gas  <
Mining of metal ores       76.9       98.6       99.6         Other mining and quarrying       101.4       99.7       96.1         Mining support service activities              Manufacturing       107.5       100.5       99.1         Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Other mining and quarrying       101.4       99.7       96.1         Mining support service activities             Manufacturing       107.5       100.5       99.1         Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Mining support service activities            Manufacturing       107.5       100.5       99.1         Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Manufacturing       107.5       100.5       99.1         Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Manufacture of food products       117.9       100.1       100.3         Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Manufacture of beverages       114.3       100.9       101.5         Manufacture of tobacco products       118.9       100.2       98.4         Manufacture of textiles       116.7       99.9       100.6         Manufacture of wearing apparel       115.0       100.1       100.5         Manufacture of leather and related products       119.9       100.2       100.0
Manufacture of tobacco products118.9100.298.4Manufacture of textiles116.799.9100.6Manufacture of wearing apparel115.0100.1100.5Manufacture of leather and related products119.9100.2100.0
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Manufacture of leather and related products 119.9 100.2 100.0
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cork, except furniture; manufacture of articles of straw
and plaiting materials 107.8 100.3 98.3
Manufacture of paper and paper products 111.3 99.8 100.2
Printing and reproduction of recorded media 105.4 99.9 99.9
Manufacture of coke and refined petroleum products
Manufacture of chemicals and chemical products 107.1 100.3 95.3
Manufacture of basic pharmaceutical products and
pharmaceutical preparations 106.2 100.0 101.2
Manufacture of rubber and plastic products 108.1 99.7 98.3
Manufacture of other non-metallic mineral products 96.9 99.7 100.2
Manufacture of basic metals 91.4 98.5 96.6
Manufacture of fabricated metal products, except
machinery and equipment 110.0 99.9 101.3
Manufacture of computer, electronic and optical
products 114.1 100.4 103.0
Manufacture of electrical equipment 101.1 99.6 98.5
Manufacture of machinery and equipment n.e.c. 114.0 100.1 100.6
Manufacture of motor vehicles, trailers and semi-
trailers 105.0 100.0 99.1
Manufacture of other transport equipment 104.4 100.1 101.9
Manufacture of furniture 102.6 99.9 100.2
Other manufacturing 103.2 100.0 100.3
Repair and installation of machinery and equipment 120.8 100.2 102.8
Electricity, gas, steam and air conditioning supply 108.2 99.8 94.9
Electricity, gas, steam and air conditioning supply 108.2 99.8 94.9

<sup>&</sup>lt;sup>1</sup> ".." - Confidential data.





Table 3 Producer Price Indices on Non-domestic Market in September  $2016^1$ 

Economic activities	2010 = 100	The previous month = 100	The same month of the previous year = 100
Industry	103.0	101.0	98.6
Mining and quarrying	133.4	109.1	92.9
Mining of coal and lignite			••
Extraction of crude petroleum and natural gas	-	-	-
Mining of metal ores			••
Other mining and quarrying	109.9	100.0	100.0
Mining support service activities	-	-	-
Manufacturing	103.4	100.8	99.1
Manufacture of food products	105.5	99.8	100.0
Manufacture of beverages	117.0	100.0	101.2
Manufacture of tobacco products	103.7	100.0	102.6
Manufacture of textiles	138.0	100.3	102.0
Manufacture of wearing apparel	122.7	99.5	100.7
Manufacture of leather and related products	123.2	100.0	102.5
Manufacture of wood and of products of wood and			
cork, except furniture; manufacture of articles of straw			
and plaiting materials	122.2	100.8	106.3
Manufacture of paper and paper products	95.3	99.7	90.4
Printing and reproduction of recorded media			
Manufacture of coke and refined petroleum products			
Manufacture of chemicals and chemical products	115.2	100.1	100.9
Manufacture of basic pharmaceutical products and			
pharmaceutical preparations	104.1	100.6	101.4
Manufacture of rubber and plastic products	124.0	99.7	99.3
Manufacture of other non-metallic mineral products	106.1	100.0	101.8
Manufacture of basic metals	99.5	100.1	99.8
Manufacture of fabricated metal products, except			
machinery and equipment	123.9	100.0	100.5
Manufacture of computer, electronic and optical			
products	107.8	99.9	97.3
Manufacture of electrical equipment	104.0	99.9	99.0
Manufacture of machinery and equipment n.e.c.	107.8	100.0	99.2
Manufacture of motor vehicles, trailers and semi-			
trailers	113.7	100.4	101.7
Manufacture of other transport equipment	127.7	100.1	100.6
Manufacture of furniture	104.4	100.2	99.7
Other manufacturing	121.2	100.4	104.1
Repair and installation of machinery and equipment			
Electricity, gas, steam and air conditioning supply	75.4	99.6	86.3
Electricity, gas, steam and air conditioning supply	75.4	99.6	86.3

<sup>&</sup>quot;-" - Confidential data.
"-" - Not available.