

## STATISTICAL RELEASE

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# Producer Price Index

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## Key findings for May 2019

### Final manufactured goods – headline PPI

The annual percentage change in the PPI for final manufactured goods was 6,4% in May 2019 (compared with 6,5% in April 2019). From April 2019 to May 2019 the PPI for final manufactured goods increased by 0,5%.

The main contributors to the annual rate of 6,4% were coke, petroleum, chemical, rubber and plastic products (2,3 percentage points), food products, beverages and tobacco products (1,5 percentage points) and metals, machinery, equipment and computing equipment (0,8 of a percentage point) (see Figure 1.2).

The main contributor to the monthly increase of 0,5% was coke, petroleum, chemical, rubber and plastic products (0,3 of a percentage point) (see Figure 1.1).

### Intermediate manufactured goods

The annual percentage change in the PPI for intermediate manufactured goods was 6,4% in May 2019 (compared with 6,7% in April 2019). From April 2019 to May 2019 the PPI for intermediate manufactured goods increased by 0,1%.

The main contributors to the annual rate of 6,4% were chemicals, rubber and plastic products (2,8 percentage points) and basic and fabricated metals (2,5 percentage points) (see Figure 2.2).

The main contributor to the monthly increase of 0,1% was basic and fabricated metals (0,3 of a percentage point) (see Figure 2.1).

### Electricity and water

The annual percentage change in the PPI for electricity and water was 9,8% in May 2019 (unchanged from April 2019). From April 2019 to May 2019 the PPI for electricity and water increased by 0,2%.

The contributors to the annual rate of 9,8% were electricity (8,3 percentage points) and water (1,4 percentage points) (see Figure 3.2).

The contributor to the monthly increase of 0,2% was electricity (0,1 of a percentage point) (see Figure 3.1).

### Mining

The annual percentage change in the PPI for mining was 18,1% in May 2019 (compared with 21,1% in April 2019). From April 2019 to May 2019 the PPI for mining decreased by 0,5%.

The main contributors to the annual rate of 18,1% were gold and other metal ores (8,8 percentage points), non-ferrous metal ores (8,2 percentage points) and coal and gas (1,5 percentage points) (see Figure 4.2).

The main contributor to the monthly decrease of 0,5% was non-ferrous metal ores (-1,8 percentage points) (see Figure 4.1).

### Agriculture, forestry and fishing

The annual percentage change in the PPI for agriculture, forestry and fishing was -3,0% in May 2019 (compared with 0,3% in April 2019). From April 2019 to May 2019 the PPI for agriculture, forestry and fishing decreased by 1,2%.

The main contributor to the annual rate of -3,0% was agriculture (-4,0 percentage points) (see Figure 5.2).

The main contributor to the monthly decrease of 1,2% was agriculture (-1,3 percentage points) (see Figure 5.1).

## Key figures and analytical series

Table A - Key figures

| Product                           | Weight | Index (Dec 2016=100) |          |          | Percentage change           |                             |
|-----------------------------------|--------|----------------------|----------|----------|-----------------------------|-----------------------------|
|                                   |        | May 2018             | Apr 2019 | May 2019 | May 2019<br>vs.<br>Apr 2019 | May 2019<br>vs.<br>May 2018 |
| Final manufactured goods          | 100,00 | 106,8                | 113,0    | 113,6    | 0,5                         | 6,4                         |
| Intermediate manufactured goods   | 100,00 | 102,8                | 109,3    | 109,4    | 0,1                         | 6,4                         |
| Electricity and water             | 100,00 | 107,6                | 117,9    | 118,1    | 0,2                         | 9,8                         |
| Mining                            | 100,00 | 103,1                | 122,4    | 121,8    | -0,5                        | 18,1                        |
| Agriculture, forestry and fishing | 100,00 | 98,7                 | 96,9     | 95,7     | -1,2                        | -3,0                        |

Table B - Analytical series

| Product  | Weight | Index (Dec 2016=100) |          |          | Percentage change           |                             |
|--|--------|----------------------|----------|----------|-----------------------------|-----------------------------|
|  |        | May 2018             | Apr 2019 | May 2019 | May 2019<br>vs.<br>Apr 2019 | May 2019<br>vs.<br>May 2018 |
| Final manufactured goods excluding petroleum products  | 90,37  | 105,2                | 110,6    | 110,8    | 0,2                         | 5,3                         |
| Final manufactured goods excluding food                | 73,11  | 109,2                | 116,0    | 116,6    | 0,5                         | 6,8                         |
| Intermediate manufactured goods excluding basic metals | 81,79  | 103,0                | 109,6    | 109,6    | 0,0                         | 6,4                         |
| Mining excluding precious metals and stones            | 64,43  | 106,7                | 134,3    | 132,5    | -1,3                        | 24,2                        |
| Precious metals and stones                             | 35,57  | 97,1                 | 102,3    | 104,0    | 1,7                         | 7,1                         |

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## Main index numbers and annual percentage changes

**Table C - Main index numbers (Dec 2016=100)**

**Table C1 - Final manufactured goods**

| Year and type |       | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Average |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 2015          | Index | 88,1  | 88,4  | 89,9  | 90,7  | 91,4  | 91,7  | 91,9  | 92,0  | 92,2  | 93,0  | 93,1  | 93,3  | 91,3    |
|               | Rate  | 3,5   | 2,6   | 3,1   | 3,0   | 3,6   | 3,7   | 3,3   | 3,4   | 3,6   | 4,2   | 4,3   | 4,8   | 3,6     |
| 2016          | Index | 94,8  | 95,6  | 96,3  | 97,1  | 97,4  | 97,9  | 98,7  | 98,6  | 98,3  | 99,1  | 99,5  | 100,0 | 97,8    |
|               | Rate  | 7,6   | 8,1   | 7,1   | 7,0   | 6,5   | 6,8   | 7,4   | 7,2   | 6,6   | 6,6   | 6,9   | 7,1   | 7,0     |
| 2017          | Index | 100,4 | 101,0 | 101,3 | 101,6 | 102,1 | 101,8 | 102,3 | 102,7 | 103,4 | 104,1 | 104,6 | 105,2 | 102,5   |
|               | Rate  | 5,9   | 5,6   | 5,2   | 4,6   | 4,8   | 4,0   | 3,6   | 4,2   | 5,2   | 5,0   | 5,1   | 5,2   | 4,8     |
| 2018          | Index | 105,5 | 105,2 | 105,0 | 106,1 | 106,8 | 107,8 | 108,5 | 109,2 | 109,8 | 111,3 | 111,7 | 110,7 | 108,1   |
|               | Rate  | 5,1   | 4,2   | 3,7   | 4,4   | 4,6   | 5,9   | 6,1   | 6,3   | 6,2   | 6,9   | 6,8   | 5,2   | 5,5     |
| 2019          | Index | 109,8 | 110,1 | 111,5 | 113,0 | 113,6 | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |
|               | Rate  | 4,1   | 4,7   | 6,2   | 6,5   | 6,4   | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |

**Table C2 - Intermediate manufactured goods**

| Year and type |       | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Average |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 2015          | Index | 91,5  | 91,4  | 91,6  | 91,0  | 91,2  | 91,4  | 91,6  | 91,8  | 93,0  | 93,0  | 93,2  | 93,2  | 92,0    |
|               | Rate  | 3,4   | 1,5   | 0,9   | -0,2  | -0,4  | -0,4  | -0,3  | -0,4  | 0,8   | 0,9   | 1,9   | 1,6   | 0,8     |
| 2016          | Index | 95,0  | 95,4  | 96,5  | 97,4  | 99,5  | 99,8  | 99,5  | 99,3  | 99,3  | 98,7  | 99,4  | 100,0 | 98,3    |
|               | Rate  | 3,8   | 4,4   | 5,3   | 7,1   | 9,0   | 9,2   | 8,5   | 8,2   | 6,8   | 6,2   | 6,6   | 7,3   | 6,8     |
| 2017          | Index | 101,4 | 102,1 | 103,1 | 102,3 | 102,6 | 101,9 | 101,0 | 101,3 | 101,4 | 102,7 | 103,6 | 103,2 | 102,2   |
|               | Rate  | 6,7   | 7,0   | 6,8   | 5,0   | 3,1   | 2,1   | 1,5   | 2,0   | 2,1   | 4,1   | 4,2   | 3,2   | 4,0     |
| 2018          | Index | 102,9 | 102,5 | 101,8 | 102,4 | 102,8 | 105,1 | 106,6 | 107,3 | 109,2 | 110,3 | 109,8 | 108,4 | 105,8   |
|               | Rate  | 1,5   | 0,4   | -1,3  | 0,1   | 0,2   | 3,1   | 5,5   | 5,9   | 7,7   | 7,4   | 6,0   | 5,0   | 3,5     |
| 2019          | Index | 106,8 | 106,5 | 108,2 | 109,3 | 109,4 | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |
|               | Rate  | 3,8   | 3,9   | 6,3   | 6,7   | 6,4   | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |

**Table C3 - Electricity and water**

| Year and type |       | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Average |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 2015          | Index | 82,8  | 83,2  | 82,2  | 86,1  | 86,9  | 117,1 | 128,5 | 126,5 | 95,8  | 93,5  | 93,4  | 93,1  | 97,4    |
|               | Rate  | 9,0   | 8,2   | 8,6   | 10,4  | 9,9   | 11,4  | 12,2  | 11,4  | 11,3  | 13,5  | 12,9  | 14,1  | 11,1    |
| 2016          | Index | 92,4  | 93,7  | 91,7  | 96,7  | 96,8  | 130,5 | 139,2 | 141,1 | 106,6 | 101,4 | 101,2 | 100,0 | 107,6   |
|               | Rate  | 11,6  | 12,6  | 11,6  | 12,3  | 11,5  | 11,5  | 8,4   | 11,5  | 11,2  | 8,5   | 8,3   | 7,4   | 10,4    |
| 2017          | Index | 101,6 | 102,4 | 101,6 | 102,4 | 103,0 | 138,6 | 144,1 | 144,8 | 113,0 | 105,0 | 105,2 | 103,3 | 113,8   |
|               | Rate  | 10,0  | 9,3   | 10,8  | 5,9   | 6,4   | 6,2   | 3,5   | 2,6   | 6,0   | 3,6   | 4,0   | 3,3   | 5,8     |
| 2018          | Index | 104,6 | 106,0 | 105,2 | 107,4 | 107,6 | 143,3 | 155,3 | 154,2 | 118,4 | 112,8 | 112,8 | 111,3 | 119,9   |
|               | Rate  | 3,0   | 3,5   | 3,5   | 4,9   | 4,5   | 3,4   | 7,8   | 6,5   | 4,8   | 7,4   | 7,2   | 7,7   | 5,4     |
| 2019          | Index | 110,4 | 114,0 | 111,4 | 117,9 | 118,1 | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |
|               | Rate  | 5,5   | 7,5   | 5,9   | 9,8   | 9,8   | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |

**Table C4 - Mining**

| Year and type |       | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Average |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 2015          | Index | 92,1  | 90,1  | 90,0  | 89,0  | 89,6  | 90,5  | 87,1  | 85,0  | 89,2  | 90,2  | 90,7  | 90,4  | 89,5    |
|               | Rate  | -1,7  | -5,4  | -4,4  | -4,7  | -3,8  | -4,2  | -8,7  | -10,8 | -5,2  | -0,8  | 2,4   | -0,7  | -4,1    |
| 2016          | Index | 94,4  | 96,2  | 97,4  | 98,2  | 102,7 | 101,2 | 101,0 | 102,9 | 103,7 | 100,8 | 98,0  | 100,0 | 99,7    |
|               | Rate  | 2,5   | 6,8   | 8,2   | 10,3  | 14,6  | 11,8  | 16,0  | 21,0  | 16,2  | 11,7  | 8,1   | 10,6  | 11,5    |
| 2017          | Index | 104,5 | 107,9 | 103,2 | 103,8 | 99,6  | 99,7  | 100,1 | 104,0 | 113,6 | 109,9 | 109,1 | 106,1 | 105,1   |
|               | Rate  | 10,7  | 12,2  | 6,0   | 5,7   | -3,0  | -1,5  | -0,9  | 1,1   | 9,5   | 9,0   | 11,3  | 6,1   | 5,4     |
| 2018          | Index | 104,4 | 103,3 | 100,0 | 101,1 | 103,1 | 107,7 | 109,7 | 110,6 | 114,6 | 116,0 | 114,3 | 112,5 | 108,1   |
|               | Rate  | -0,1  | -4,3  | -3,1  | -2,6  | 3,5   | 8,0   | 9,6   | 6,3   | 0,9   | 5,6   | 4,8   | 6,0   | 2,9     |
| 2019          | Index | 112,4 | 114,3 | 120,2 | 122,4 | 121,8 | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |
|               | Rate  | 7,7   | 10,6  | 20,2  | 21,1  | 18,1  | ..    | ..    | ..    | ..    | ..    | ..    | ..    | ..      |

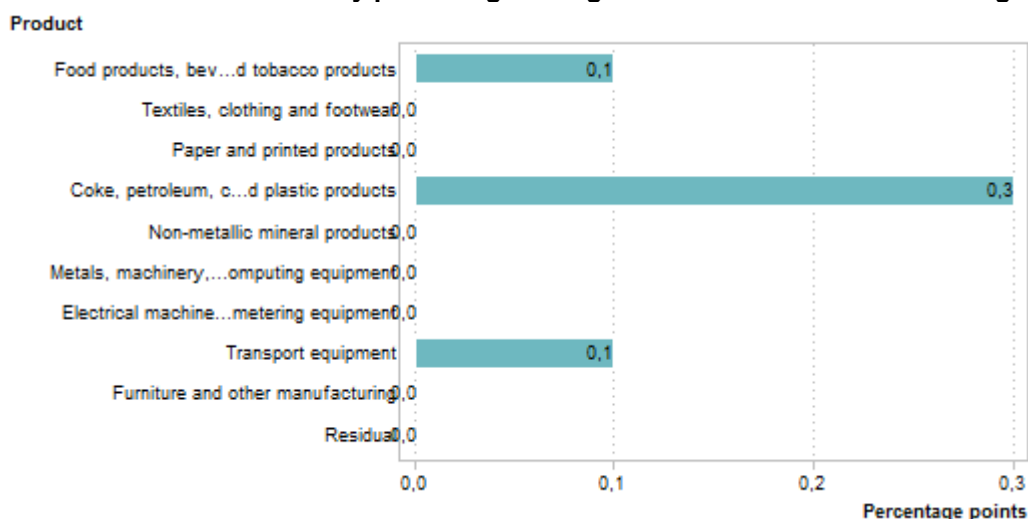
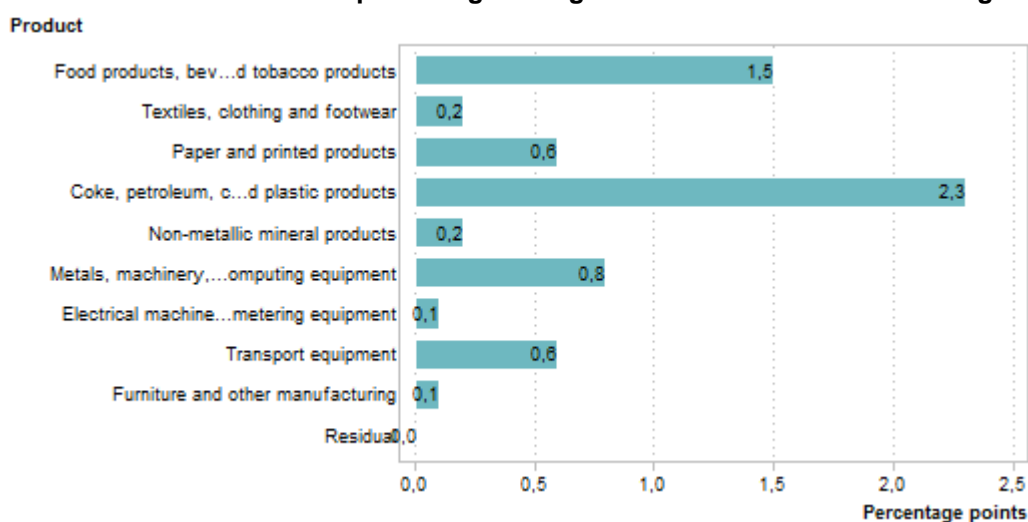
**Table C5 - Agriculture, forestry and fishing**

| Year and type |       | Jan   | Feb   | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct   | Nov   | Dec   | Average |
|---------------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|---------|
| 2015          | Index | 80,7  | 81,1  | 82,3 | 83,7 | 81,8 | 81,1 | 82,1 | 83,9 | 84,5 | 87,0  | 90,9  | 94,0  | 84,4    |
|               | Rate  | -1,8  | -0,3  | -1,0 | 4,5  | 3,1  | 4,5  | 6,4  | 7,5  | 5,2  | 6,8   | 9,6   | 11,8  | 4,7     |
| 2016          | Index | 99,8  | 101,3 | 99,5 | 97,8 | 96,7 | 97,5 | 97,5 | 97,5 | 96,8 | 96,6  | 98,3  | 100,0 | 98,3    |
|               | Rate  | 23,6  | 24,9  | 20,9 | 16,9 | 18,3 | 20,2 | 18,8 | 16,1 | 14,5 | 11,1  | 8,1   | 6,4   | 16,4    |
| 2017          | Index | 96,9  | 98,1  | 95,3 | 96,2 | 96,2 | 96,1 | 97,8 | 96,6 | 98,7 | 101,3 | 105,1 | 106,4 | 98,7    |
|               | Rate  | -2,9  | -3,2  | -4,2 | -1,6 | -0,5 | -1,4 | 0,3  | -0,9 | 2,0  | 4,9   | 6,9   | 6,4   | 0,4     |
| 2018          | Index | 105,3 | 103,7 | 99,0 | 96,6 | 98,7 | 98,3 | 98,6 | 98,5 | 99,6 | 99,9  | 100,3 | 102,3 | 100,1   |
|               | Rate  | 8,7   | 5,7   | 3,9  | 0,4  | 2,6  | 2,3  | 0,8  | 2,0  | 0,9  | -1,4  | -4,6  | -3,9  | 1,4     |
| 2019          | Index | 102,1 | 101,4 | 98,6 | 96,9 | 95,7 | ..   | ..   | ..   | ..   | ..    | ..    | ..    | ..      |
|               | Rate  | -3,0  | -2,2  | -0,4 | 0,3  | -3,0 | ..   | ..   | ..   | ..   | ..    | ..    | ..    | ..      |

## Detailed index numbers and percentage changes, and contributions

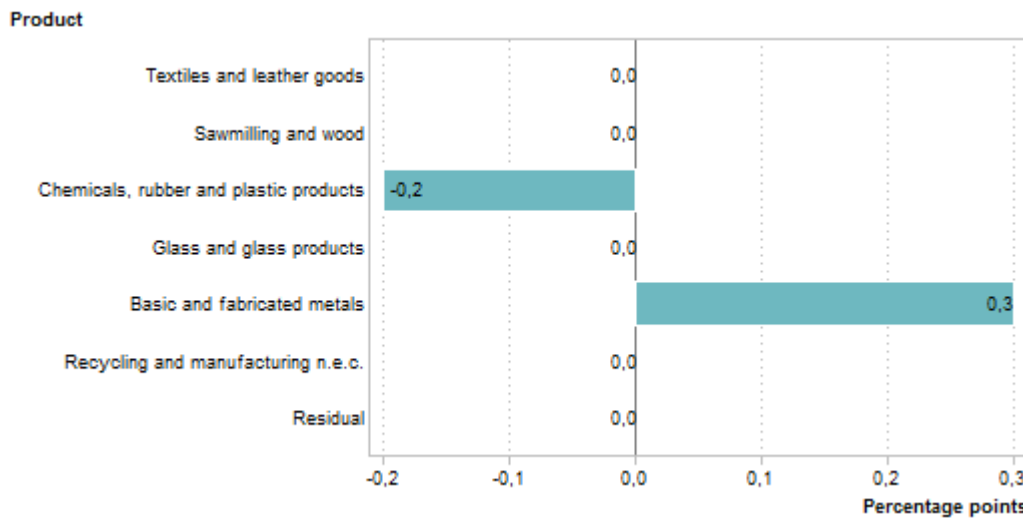
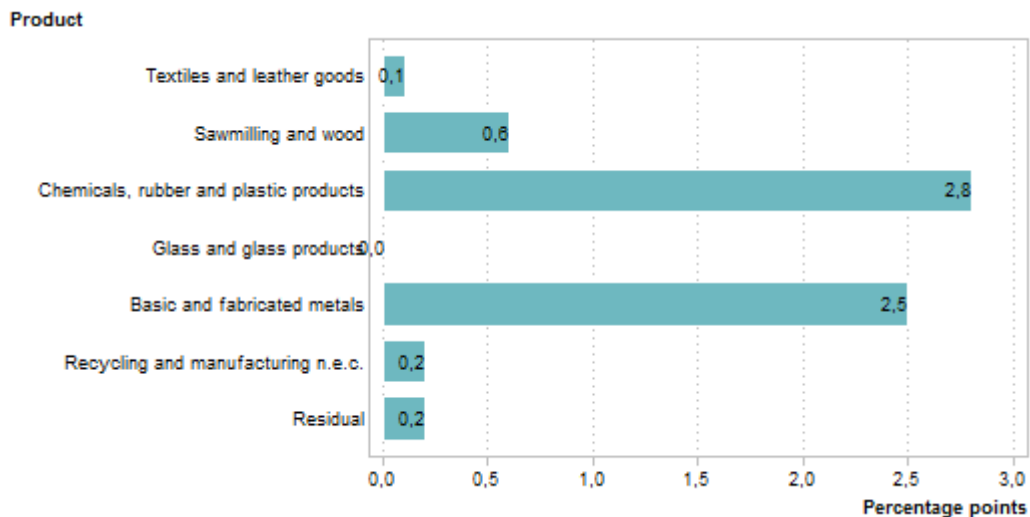
Table 1 - PPI for final manufactured goods

| Product   |   |  | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|---|---|--|--------|----------------------|----------|----------|-----------------------|-----------------------|
|   |   |  |        | May 2018             | Apr 2019 | May 2019 | May 2019 vs. Apr 2019 | May 2019 vs. May 2018 |
| Final manufactured goods                                      |   |  | 100,00 | 106,8                | 113,0    | 113,6    | 0,5                   | 6,4                   |
| Food products, beverages and tobacco products                 |   |  | 35,26  | 101,9                | 106,2    | 106,5    | 0,3                   | 4,5                   |
| Food products   |   |  | 26,89  | 99,6                 | 104,6    | 104,9    | 0,3                   | 5,3                   |
|   | Meat, fish, fruit, vegetables, oils and fats                        |  | 9,45   | 103,7                | 104,9    | 105,0    | 0,1                   | 1,3                   |
|   | Meat and meat products  |  | 5,25   | 107,8                | 107,0    | 107,0    | 0,0                   | -0,7                  |
|   | Fish and fish products  |  | 2,02   | 100,5                | 102,3    | 102,6    | 0,3                   | 2,1                   |
|   | Fruit and vegetables  |  | 1,35   | 101,5                | 104,6    | 105,6    | 1,0                   | 4,0                   |
|   | Oils and fats   |  | 0,83   | 90,0                 | 100,2    | 99,8     | -0,4                  | 10,9                  |
|   | Dairy products  |  | 2,47   | 104,5                | 101,0    | 101,8    | 0,8                   | -2,6                  |
|   | Grain mill products, starches and starch products, and animal feeds |  | 3,90   | 85,9                 | 97,1     | 97,2     | 0,1                   | 13,2                  |
|   | Grain mill products   |  | 2,35   | 80,8                 | 92,0     | 92,0     | 0,0                   | 13,9                  |
|   | Starches, starch products and animal feeds                          |  | 1,55   | 91,2                 | 101,9    | 102,1    | 0,2                   | 12,0                  |
|   | Other food products   |  | 11,07  | 99,0                 | 107,5    | 108,1    | 0,6                   | 9,2                   |
|   | Bakery products   |  | 7,32   | 102,2                | 112,1    | 113,6    | 1,3                   | 11,2                  |
|   | Sugar   |  | 1,74   | 82,1                 | 88,7     | 84,8     | -4,4                  | 3,3                   |
|   | Other food  |  | 2,01   | 103,0                | 106,4    | 107,4    | 0,9                   | 4,3                   |
| Beverages   |   |  | 7,13   | 108,2                | 109,9    | 109,9    | 0,0                   | 1,6                   |
| Tobacco products  |   |  | 1,24   | 109,8                | 116,8    | 116,8    | 0,0                   | 6,4                   |
| Textiles, clothing and footwear                               |   |  | 4,95   | 105,6                | 110,0    | 110,0    | 0,0                   | 4,2                   |
|   | Textiles  |  | 0,78   | 107,3                | 115,1    | 115,1    | 0,0                   | 7,3                   |
|   | Clothing  |  | 3,61   | 104,7                | 108,5    | 108,5    | 0,0                   | 3,6                   |
|   | Footwear  |  | 0,56   | 111,0                | 114,0    | 114,1    | 0,1                   | 2,8                   |
| Paper and printed products                                    |   |  | 7,44   | 109,3                | 117,4    | 117,3    | -0,1                  | 7,3                   |
| Coke, petroleum, chemical, rubber and plastic products        |   |  | 20,23  | 116,0                | 126,7    | 128,4    | 1,3                   | 10,7                  |
|   | Coal and petroleum products   |  | 10,02  | 118,1                | 132,3    | 135,5    | 2,4                   | 14,7                  |
|   | Petrol  |  | 3,10   | 119,1                | 127,7    | 132,6    | 3,8                   | 11,3                  |
|   | Diesel  |  | 3,83   | 121,5                | 133,7    | 133,8    | 0,1                   | 10,1                  |
|   | Other   |  | 3,09   | 108,0                | 129,4    | 134,6    | 4,0                   | 24,6                  |
|   | Chemical products   |  | 7,74   | 115,3                | 123,7    | 124,0    | 0,2                   | 7,5                   |
|   | Rubber and plastic products   |  | 2,47   | 106,5                | 109,8    | 109,8    | 0,0                   | 3,1                   |
| Non-metallic mineral products                                 |   |  | 2,78   | 103,7                | 108,7    | 110,7    | 1,8                   | 6,8                   |
| Metals, machinery, equipment and computing equipment          |   |  | 14,57  | 103,6                | 109,7    | 109,5    | -0,2                  | 5,7                   |
|   | Structural and fabricated metal products                            |  | 6,75   | 106,5                | 112,2    | 112,7    | 0,4                   | 5,8                   |
|   | General and special purpose machinery                               |  | 6,93   | 101,6                | 108,4    | 108,4    | 0,0                   | 6,7                   |
|   | Household appliances and office machinery                           |  | 0,89   | 98,4                 | 102,0    | 94,1     | -7,7                  | -4,4                  |
| Electrical machinery and communication and metering equipment |   |  | 3,64   | 110,9                | 112,8    | 112,8    | 0,0                   | 1,7                   |
| Transport equipment   |   |  | 9,02   | 108,4                | 114,7    | 115,4    | 0,6                   | 6,5                   |
|   | Motor vehicles  |  | 3,56   | 110,1                | 113,0    | 113,4    | 0,4                   | 3,0                   |
|   | Parts for transport equipment                                       |  | 5,46   | 104,8                | 113,4    | 114,2    | 0,7                   | 9,0                   |
| Furniture and other manufacturing                             |   |  | 2,11   | 101,8                | 105,6    | 106,6    | 0,9                   | 4,7                   |

**Figure 1.1 - Contributions to the monthly percentage change in PPI for final manufactured goods****Figure 1.2 - Contributions to the annual percentage change in PPI for final manufactured goods**

**Table 2 - PPI for intermediate manufactured goods**

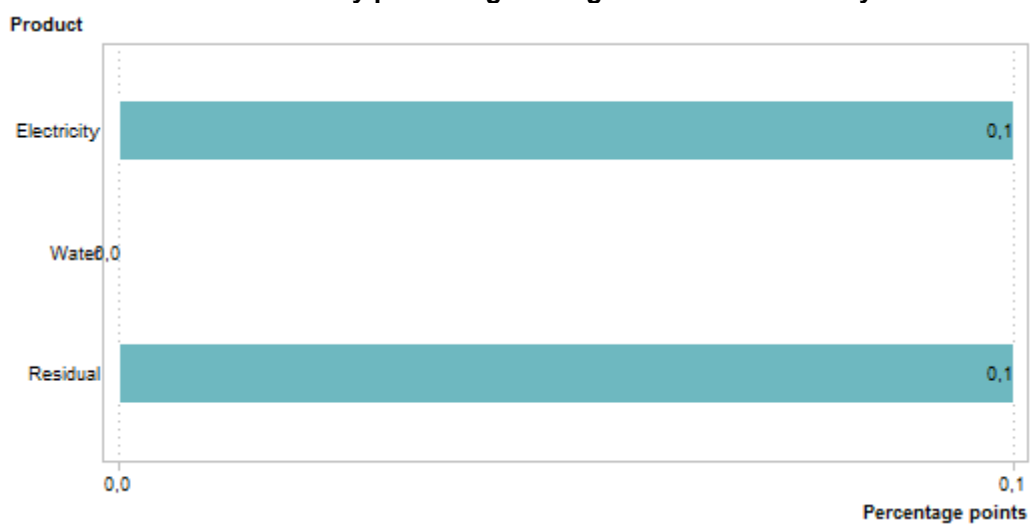
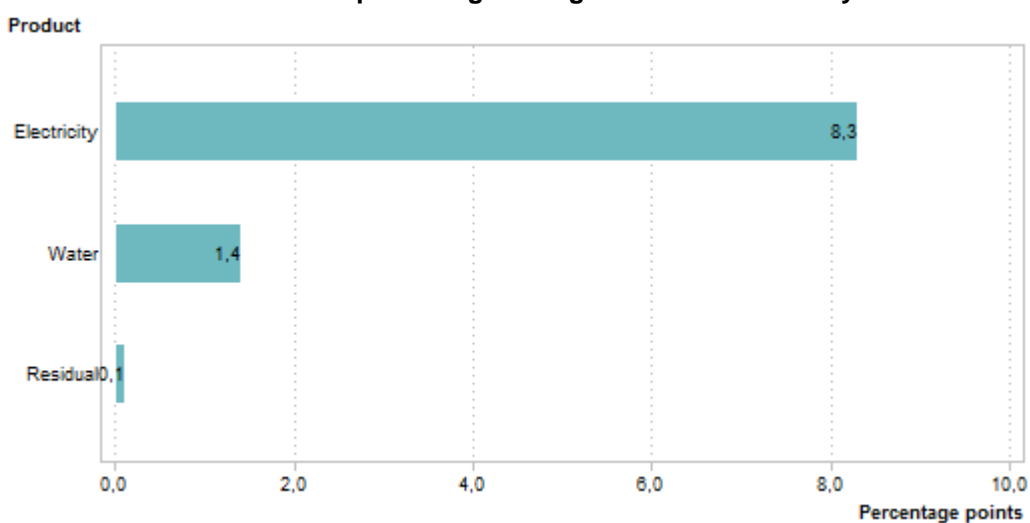
| Product                         |  |  | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|---------------------------------|--|--|--------|----------------------|----------|----------|-----------------------|-----------------------|
|                                 |  |  |        | May 2018             | Apr 2019 | May 2019 | May 2019 vs. Apr 2019 | May 2019 vs. May 2018 |
| Intermediate manufactured goods |  |  | 100,00 | 102,8                | 109,3    | 109,4    | 0,1                   | 6,4                   |
|                                 | Textiles and leather goods             |  | 4,55   | 96,7                 | 99,9     | 99,8     | -0,1                  | 3,2                   |
|                                 | Sawmilling and wood                    |  | 24,26  | 105,8                | 108,1    | 108,3    | 0,2                   | 2,4                   |
|                                 | Chemicals, rubber and plastic products |  | 32,71  | 101,0                | 110,6    | 109,8    | -0,7                  | 8,7                   |
|                                 |  | Basic and other chemicals                          | 14,42  | 105,8                | 123,8    | 123,7    | -0,1                  | 16,9                  |
|                                 |  | Plastic products                                   | 15,34  | 98,2                 | 100,5    | 100,4    | -0,1                  | 2,2                   |
|                                 |  | Rubber products                                    | 2,95   | 104,8                | 114,3    | 106,5    | -6,8                  | 1,6                   |
|                                 | Glass and glass products               |  | 3,41   | 103,7                | 104,3    | 104,3    | 0,0                   | 0,6                   |
|                                 | Basic and fabricated metals            |  | 31,88  | 100,8                | 107,7    | 108,8    | 1,0                   | 7,9                   |
|                                 |  | Basic iron and steel                               | 18,21  | 101,8                | 107,3    | 108,0    | 0,7                   | 6,1                   |
|                                 |  | Basic precious and non-ferrous metals and castings | 13,67  | 98,9                 | 107,3    | 109,0    | 1,6                   | 10,2                  |
|                                 | Recycling and manufacturing n.e.c.     |  | 3,19   | 122,9                | 132,5    | 130,9    | -1,2                  | 6,5                   |

**Figure 2.1 - Contributions to the monthly percentage change in PPI for intermediate manufactured goods****Figure 2.2 - Contributions to the annual percentage change in PPI for intermediate manufactured goods**



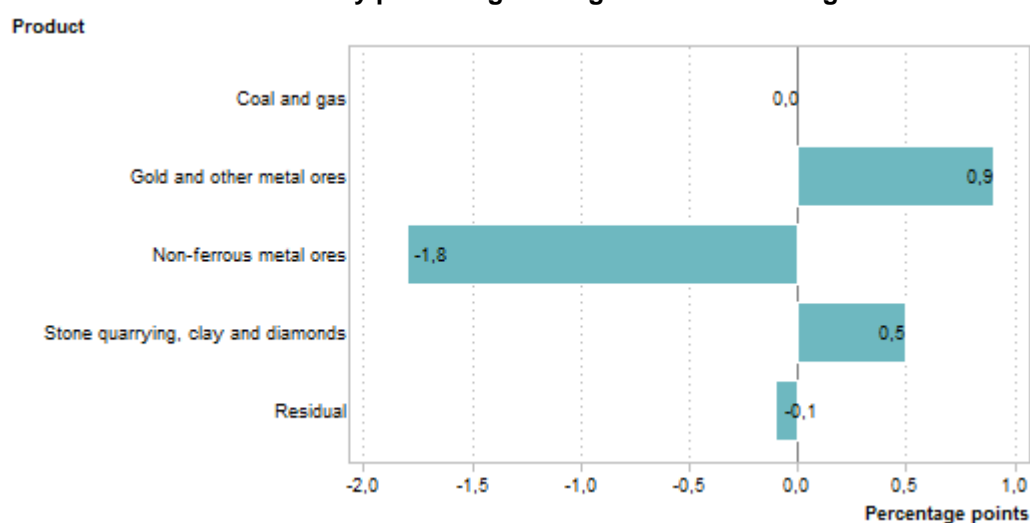
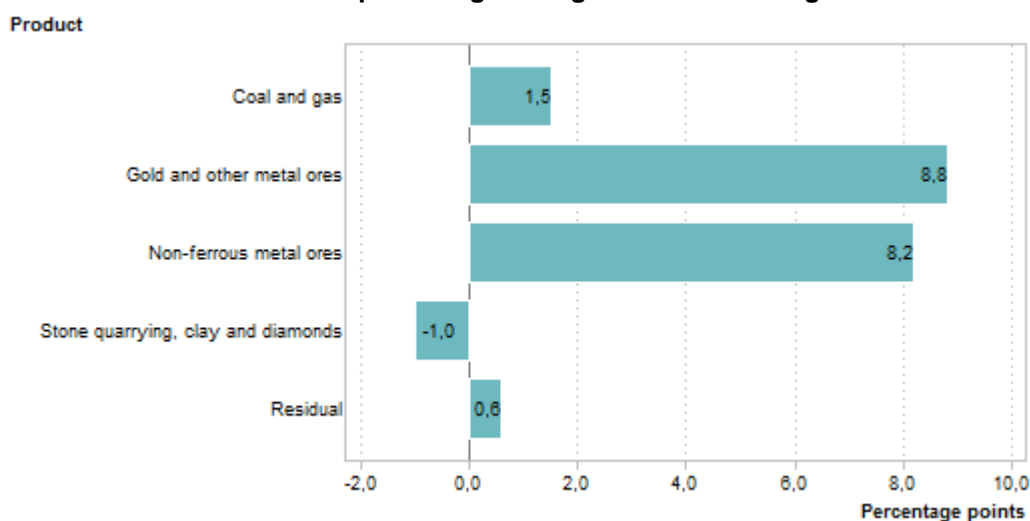
**Table 3 - PPI for electricity and water**

| Product               |             | Weight | Index (Dec 2016=100) |          |          | Percentage change           |                             |
|-----------------------|-------------|--------|----------------------|----------|----------|-----------------------------|-----------------------------|
|                       |             |        | May 2018             | Apr 2019 | May 2019 | May 2019<br>vs.<br>Apr 2019 | May 2019<br>vs.<br>May 2018 |
| Electricity and water |             | 100,00 | 107,6                | 117,9    | 118,1    | 0,2                         | 9,8                         |
|                       | Electricity | 86,05  | 106,6                | 116,8    | 117,0    | 0,2                         | 9,8                         |
|                       | Water       | 13,95  | 113,6                | 124,6    | 124,6    | 0,0                         | 9,7                         |

**Figure 3.1 - Contributions to the monthly percentage change in PPI for electricity and water****Figure 3.2 - Contributions to the annual percentage change in PPI for electricity and water**

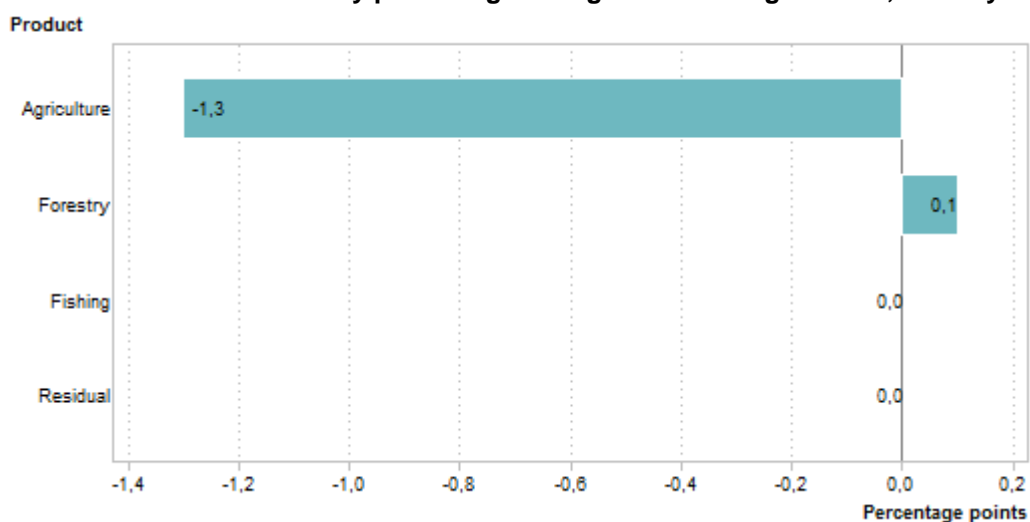
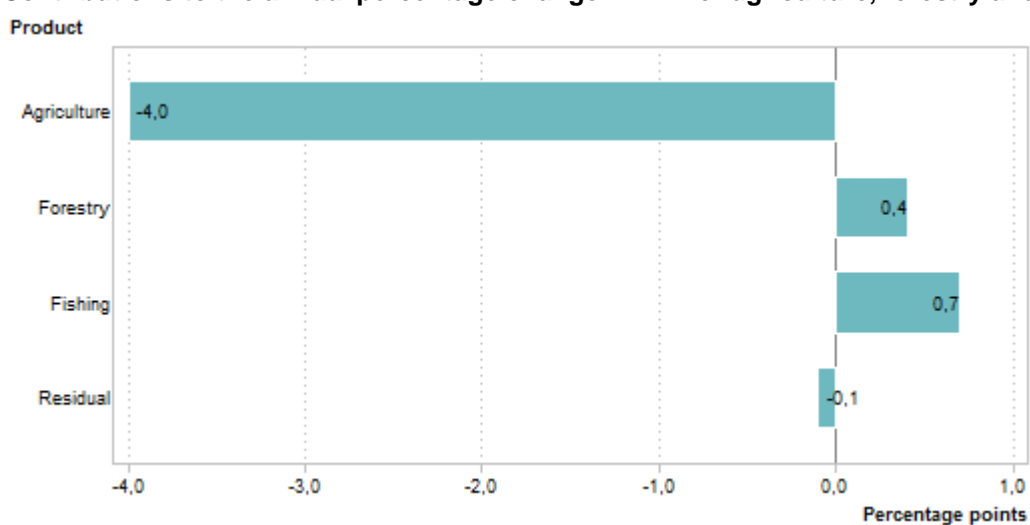
**Table 4 - PPI for mining**

| Product                            | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|------------------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
|                                    |        | May 2018             | Apr 2019 | May 2019 | May 2019 vs. Apr 2019 | May 2019 vs. May 2018 |
| <b>Mining</b>                      | 100,00 | 103,1                | 122,4    | 121,8    | -0,5                  | 18,1                  |
| Coal and gas                       | 26,53  | 113,3                | 119,1    | 119,2    | 0,1                   | 5,2                   |
| Gold and other metal ores          | 28,31  | 92,7                 | 121,0    | 124,8    | 3,1                   | 34,6                  |
| Non-ferrous metal ores             | 35,49  | 103,8                | 133,8    | 127,7    | -4,6                  | 23,0                  |
| Stone quarrying, clay and diamonds | 9,67   | 102,1                | 84,9     | 90,9     | 7,1                   | -11,0                 |

**Figure 4.1 - Contributions to the monthly percentage change in PPI for mining****Figure 4.2 - Contributions to the annual percentage change in PPI for mining**

**Table 5 - PPI for agriculture, forestry and fishing**

| Product                           |                                    |                         | Weight | Index (Dec 2016=100) |          |          | Percentage change     |                       |
|-----------------------------------|------------------------------------|-------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
|                                   |                                    |                         |        | May 2018             | Apr 2019 | May 2019 | May 2019 vs. Apr 2019 | May 2019 vs. May 2018 |
| Agriculture, forestry and fishing |                                    |                         | 100,00 | 98,7                 | 96,9     | 95,7     | -1,2                  | -3,0                  |
| Agriculture                       |                                    |                         | 85,98  | 96,2                 | 93,1     | 91,6     | -1,6                  | -4,8                  |
|                                   | Products of crops and horticulture |                         | 43,22  | 75,7                 | 83,4     | 79,7     | -4,4                  | 5,3                   |
|                                   |                                    | Cereals and other crops | 19,06  | 69,2                 | 81,6     | 80,2     | -1,7                  | 15,9                  |
|                                   |                                    | Fruit and vegetables    | 24,16  | 79,5                 | 83,7     | 78,2     | -6,6                  | -1,6                  |
|                                   | Live animals and animal products   |                         | 42,76  | 115,4                | 101,4    | 102,2    | 0,8                   | -11,4                 |
|                                   |                                    | Live animals            | 31,54  | 117,3                | 100,2    | 101,2    | 1,0                   | -13,7                 |
|                                   |                                    | Milk and eggs           | 9,68   | 106,2                | 102,4    | 102,6    | 0,2                   | -3,4                  |
|                                   |                                    | Other animal products   | 1,54   | 133,7                | 119,8    | 120,6    | 0,7                   | -9,8                  |
| Forestry                          |                                    |                         | 7,40   | 116,9                | 120,9    | 121,8    | 0,7                   | 4,2                   |
| Fishing                           |                                    |                         | 6,62   | 109,2                | 119,4    | 119,8    | 0,3                   | 9,7                   |

**Figure 5.1 - Contributions to the monthly percentage change in PPI for agriculture, forestry and fishing****Figure 5.2 - Contributions to the annual percentage change in PPI for agriculture, forestry and fishing**

## Explanatory notes

|  |   |
|--|---|
| <b>Purpose and results of the survey</b> | <p>The Producer Price Index (PPI) measures changes in the prices of locally produced commodities. A sample of producers is surveyed each month and the results of this survey are used to compile the producer price indices for final manufactured goods, intermediate manufactured goods, electricity and water, mining, and agriculture, forestry and fishing. The PPI can be used as an economic indicator of inflation, as an escalator in contracts and as a deflator in the calculation of the national accounts.</p> <p>Further information on the weighting structure, sources of information and methods of compilation of the PPI can be found in the PPI sources and methods document, available on the Stats SA website.</p> |
|--|---|

## Glossary

|   |   |
|---|---|
| <b>Producer Price Index</b>             | The PPI is defined as “A measure of the change in the prices of goods either as they leave their place of production or as they enter the production process (OECD).”   |
| <b>Contributions</b>                    | The monthly (annual) contribution of a specific product or group of products to the specific PPI is calculated by multiplying the weight of this product or group of products with the difference of the current index and the previous month (year) index for this product or group of products, divided by the index for the specific index, for the previous month (year).   |
| <b>Annual inflation rate</b>            | The annual inflation rate per specific PPI is the change in the specific PPI for all items of the relevant month of the current year compared with the specific PPI for all items of the same month in the previous year expressed as a percentage.   |
| <b>Annual percentage change</b>         | The annual percentage change is the change in the index of the relevant month of the current year compared with the index of the same month in the previous year expressed as a percentage.   |
| <b>Average annual inflation rate</b>    | The average annual inflation rate is the change in the average specific PPI for all items of one year compared with the average specific PPI for all items of the previous year expressed as a percentage.  |
| <b>Average annual percentage change</b> | The average annual percentage change is the change in the average index of one year compared with the average index of the previous year expressed as a percentage.   |
| <b>Monthly percentage change</b>        | The monthly percentage change is the change in the specific PPI of the relevant month compared with the specific PPI of the previous month expressed as a percentage.   |
| <b>Chain linking</b>                    | The construction of a continuous price series by multiplying together price indices that have been using different weights reference periods. The resulting index is referred to as a chained index (Practical Guide to producing Consumer Price Indices; 2009). Linking is intended to ensure that the individual indices on all levels show the correct development through time, but leads to non-additivity (IMF,2005). |

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