

STATISTICAL RELEASE
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Producer Price Index

January 2017

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Key findings for January 2017

Final manufactured goods – headline PPI

The annual percentage change in the PPI for final manufactured goods was 5,9% in January 2017 (compared with 7,1% in December 2016). From December 2016 to January 2017 the PPI for final manufactured goods increased by 0,4%.

The main contributors to the annual rate of 5,9 % were food products, beverages and tobacco products (3,1 percentage points) and coke, petroleum, chemical, rubber and plastic products (1,6 percentage points) (see Figure 1.2).

The main contributor to the monthly increase of 0,4% was coke, petroleum, chemical, rubber and plastic products (0,5 of a percentage point) (see Figure 1.1).

Intermediate manufactured goods

The annual percentage change in the PPI for intermediate manufactured goods was 6,7% in January 2017 (compared with 7,3% in December 2016). From December 2016 to January 2017 the PPI for intermediate manufactured goods increased by 1,4%.

The main contributors to the annual rate of 6,7% were chemicals, rubber and plastic products (2,8 percentage points), sawmilling and wood (1,5 percentage points), basic and fabricated metals (1,2 percentage points) and recycling and manufacturing n.e.c. (1,1 percentage points) (see Figure 2.2).

The main contributor to the monthly increase of 1,4% was chemicals, rubber and plastic products (1,0 percentage point) (see Figure 2.1).

Electricity and water

The annual percentage change in the PPI for electricity and water was 10,0% in January 2017 (compared with 7,4% in December 2016). From December 2016 to January 2017 the PPI for electricity and water increased by 1,6%.

The contributors to the annual rate of 10,0% were electricity (8,4 percentage points) and water (1,6 percentage points) (see Figure 3.2).

The contributor to the monthly increase of 1,6% was electricity (1,6 percentage points) (see Figure 3.1).

Mining

The annual percentage change in the PPI for mining was 10,7% in January 2017 (compared with 10,6% in December 2016). From December 2016 to January 2017 the PPI for mining increased by 4,5%.

The main contributors to the annual rate of 10,7% were non-ferrous metal ores (4,7 percentage points), gold and other metal ores (3,3 percentage points) and coal and gas (2,9 percentage points) (see Figure 4.2).

The main contributors to the monthly increase of 4,5% were stone quarrying, clay and diamonds (3,9 percentage points) and gold and other metal ores (1,1 percentage points) (see Figure 4.1).

Agriculture, forestry and fishing

The annual percentage change in the PPI for agriculture, forestry and fishing was -2,9% in January 2017 (compared with 6,4% in December 2016). From December 2016 to January 2017 the PPI for agriculture, forestry and fishing decreased by 3,1%.

The main contributor to the annual rate of -2,9% was agriculture (-4,2 percentage points) (see Figure 5.2).

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

Key figures and analytical series

Table A - Key figures

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|-----------------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Final manufactured goods | 100,00 | 94,8 | 100,0 | 100,4 | 0,4 | 5,9 |
| Intermediate manufactured goods | 100,00 | 95,0 | 100,0 | 101,4 | 1,4 | 6,7 |
| Electricity and water | 100,00 | 92,4 | 100,0 | 101,6 | 1,6 | 10,0 |
| Mining | 100,00 | 94,4 | 100,0 | 104,5 | 4,5 | 10,7 |
| Agriculture, forestry and fishing | 100,00 | 99,8 | 100,0 | 96,9 | -3,1 | -2,9 |

Table B - Analytical series

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|--|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Final manufactured goods excluding petroleum products | 88,71 | 94,9 | 100,0 | 100,0 | 0,0 | 5,4 |
| Final manufactured goods excluding food | 74,83 | 96,5 | 100,0 | 100,5 | 0,5 | 4,1 |
| Intermediate manufactured goods excluding basic metals | 85,15 | 96,8 | 100,0 | 101,2 | 1,2 | 4,5 |
| Mining excluding precious metals and stones | 66,32 | 80,6 | 100,0 | 99,9 | -0,1 | 23,9 |
| Precious metals and stones | 33,68 | 122,2 | 100,0 | 113,6 | 13,6 | -7,0 |

Note: rebasing of indices

All PPI indices have been rebased so that December 2016 equals 100. This is a departure from previous practice of rebasing where the average of the index for a year was set equal to 100, and it aligns the PPI to the consumer price index, which also has base December 2016 equal to 100.

Rebasing is an exercise where the levels of the indices are changed so that a certain period in time is set as 100. Rebasing is required periodically to preserve the accuracy of the weights. Conversion factors are calculated to change the level of all the historical indices. The conversion factors are calculated as 100 divided by December 2016 index on base period 2012=100.

The historical, published rates of change in the indices are retained.

The conversion factors are available from Andrew Rankhumise: andrewr@statssa.gov.za

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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 | |
|---------------|-------|-------|------|------|------|------|------|------|------|------|------|------|---------|------|
| 2013 | Index | 79,5 | 80,0 | 80,7 | 81,0 | 81,2 | 81,8 | 82,4 | 83,0 | 83,3 | 83,7 | 83,8 | 84,2 | 82,1 |
| | Rate | 5,8 | 5,4 | 5,7 | 5,4 | 4,9 | 5,9 | 6,6 | 6,7 | 6,7 | 6,3 | 5,8 | 6,5 | 6,0 |
| 2014 | Index | 85,1 | 86,1 | 87,2 | 88,1 | 88,2 | 88,5 | 88,9 | 88,9 | 89,0 | 89,2 | 89,2 | 89,1 | 88,1 |
| | Rate | 7,0 | 7,7 | 8,2 | 8,8 | 8,7 | 8,1 | 8,0 | 7,2 | 6,9 | 6,7 | 6,5 | 5,8 | 7,5 |
| 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Rate | 5,9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table C2 - Intermediate manufactured goods

| Year and type | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average | |
|---------------|-------|-------|------|------|------|------|------|------|------|------|------|------|---------|------|
| 2013 | Index | 81,1 | 81,5 | 82,5 | 82,7 | 83,4 | 84,2 | 84,7 | 86,4 | 86,2 | 86,7 | 86,8 | 86,5 | 84,4 |
| | Rate | 5,8 | 6,0 | 7,7 | 7,2 | 7,8 | 8,0 | 9,4 | 11,1 | 7,9 | 7,7 | 7,5 | 8,1 | 7,9 |
| 2014 | Index | 88,6 | 90,1 | 90,8 | 91,2 | 91,6 | 91,8 | 91,9 | 92,2 | 92,3 | 92,1 | 91,5 | 91,7 | 91,3 |
| | Rate | 9,3 | 10,5 | 10,1 | 10,2 | 9,8 | 9,0 | 8,5 | 6,7 | 7,0 | 6,2 | 5,4 | 6,1 | 8,2 |
| 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Rate | 6,7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table C3 - Electricity and water

| Year and type | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average | |
|---------------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|---------|-------|
| 2013 | Index | 66,3 | 67,2 | 66,0 | 70,6 | 72,1 | 97,1 | 106,3 | 104,5 | 80,2 | 76,3 | 76,3 | 75,0 | 79,8 |
| | Rate | 12,3 | 13,0 | 11,4 | 12,9 | 13,5 | 5,9 | 5,6 | 3,6 | 12,9 | 14,6 | 15,8 | 14,3 | 10,6 |
| 2014 | Index | 75,9 | 76,9 | 75,7 | 78,0 | 79,1 | 105,1 | 114,6 | 113,6 | 86,1 | 82,4 | 82,7 | 81,6 | 87,6 |
| | Rate | 14,5 | 14,5 | 14,6 | 10,4 | 9,7 | 8,2 | 7,8 | 8,6 | 7,4 | 8,0 | 8,4 | 8,9 | 9,9 |
| 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Rate | 10,0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table C4 - Mining

| Year and type | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average | |
|---------------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|------|---------|------|
| 2013 | Index | 89,5 | 90,5 | 90,8 | 87,7 | 88,9 | 89,3 | 88,5 | 92,0 | 89,5 | 88,8 | 90,1 | 89,4 | 89,6 |
| | Rate | 7,2 | 6,6 | 8,6 | 4,5 | 5,7 | 7,0 | 7,0 | 10,4 | 4,1 | -0,2 | 1,4 | 2,4 | 5,3 |
| 2014 | Index | 93,7 | 95,2 | 94,1 | 93,5 | 93,2 | 94,5 | 95,4 | 95,3 | 94,1 | 91,0 | 88,6 | 91,0 | 93,3 |
| | Rate | 4,8 | 5,3 | 3,7 | 6,6 | 4,9 | 5,8 | 7,8 | 3,6 | 5,1 | 2,5 | -1,7 | 1,8 | 4,2 |
| 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Rate | 10,7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table C5 - Agriculture, forestry and fishing

| Year and type | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average | |
|---------------|-------|------|-------|------|------|------|------|------|------|------|------|------|---------|------|
| 2013 | Index | 77,9 | 75,3 | 74,4 | 74,5 | 74,3 | 74,2 | 74,2 | 75,0 | 77,0 | 79,1 | 81,0 | 82,2 | 76,6 |
| | Rate | 3,0 | 1,2 | 0,4 | 1,7 | 2,9 | 3,2 | 1,4 | 3,5 | 4,5 | 1,8 | 2,8 | 4,1 | 2,6 |
| 2014 | Index | 82,2 | 81,3 | 83,1 | 80,1 | 79,3 | 77,6 | 77,1 | 78,1 | 80,4 | 81,5 | 82,9 | 84,1 | 80,6 |
| | Rate | 5,6 | 8,0 | 11,7 | 7,6 | 6,7 | 4,5 | 3,9 | 4,2 | 4,4 | 3,0 | 2,3 | 2,3 | 5,3 |
| 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Rate | -2,9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Detailed index numbers and percentage changes, and contributions

Table 1 - PPI for final manufactured goods

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|---|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Final manufactured goods | 100,00 | 94,8 | 100,0 | 100,4 | 0,4 | 5,9 |
| Food products, beverages and tobacco products | 33,72 | 91,5 | 100,0 | 100,2 | 0,2 | 9,5 |
| Food products | 25,17 | 90,7 | 100,0 | 100,3 | 0,3 | 10,6 |
| Meat, fish, fruit, vegetables, oils and fats | 9,84 | 91,0 | 100,0 | 100,4 | 0,4 | 10,3 |
| Meat and meat products | 5,35 | 90,3 | 100,0 | 101,5 | 1,5 | 12,4 |
| Fish and fish products | 2,04 | 88,1 | 100,0 | 97,6 | -2,4 | 10,8 |
| Fruit and vegetables | 1,58 | 89,8 | 100,0 | 99,9 | -0,1 | 11,2 |
| Oils and fats | 0,87 | 104,1 | 100,0 | 100,6 | 0,6 | -3,4 |
| Dairy products | 2,26 | 88,1 | 100,0 | 100,0 | 0,0 | 13,5 |
| Grain mill products, starches and starch products, and animal feeds | 3,41 | 93,7 | 100,0 | 99,7 | -0,3 | 6,4 |
| Grain mill products | 1,43 | 95,1 | 100,0 | 100,0 | 0,0 | 5,2 |
| Starches, starch products and animal feeds | 1,98 | 92,8 | 100,0 | 99,4 | -0,6 | 7,1 |
| Other food products | 9,67 | 90,1 | 100,0 | 100,4 | 0,4 | 11,4 |
| Bakery products | 6,59 | 91,5 | 100,0 | 100,1 | 0,1 | 9,4 |
| Sugar | 1,66 | 83,6 | 100,0 | 101,5 | 1,5 | 21,4 |
| Other food | 1,42 | 89,3 | 100,0 | 100,5 | 0,5 | 12,5 |
| Beverages | 7,26 | 94,0 | 100,0 | 100,0 | 0,0 | 6,4 |
| Tobacco products | 1,29 | 94,8 | 100,0 | 100,0 | 0,0 | 5,5 |
| Textiles, clothing and footwear | 4,07 | 94,0 | 100,0 | 100,8 | 0,8 | 7,2 |
| Textiles | 0,38 | 97,8 | 100,0 | 99,8 | -0,2 | 2,0 |
| Clothing | 3,28 | 93,2 | 100,0 | 100,9 | 0,9 | 8,3 |
| Footwear | 0,41 | 97,1 | 100,0 | 100,9 | 0,9 | 3,9 |
| Wood and paper products | 9,18 | 95,4 | 100,0 | 100,2 | 0,2 | 5,0 |
| Paper and printed products | 8,88 | 95,2 | 100,0 | 100,2 | 0,2 | 5,3 |
| Other wood products | 0,30 | 100,0 | 100,0 | 102,4 | 2,4 | 2,4 |
| Coke, petroleum, chemical, rubber and plastic products | 21,66 | 95,1 | 100,0 | 102,1 | 2,1 | 7,4 |
| Coal and petroleum products | 11,65 | 94,6 | 100,0 | 104,0 | 4,0 | 9,9 |
| Petrol | 5,99 | 96,6 | 100,0 | 104,3 | 4,3 | 8,0 |
| Diesel | 3,75 | 91,3 | 100,0 | 103,5 | 3,5 | 13,4 |
| Other | 1,91 | 93,8 | 100,0 | 103,8 | 3,8 | 10,7 |
| Chemical products | 8,22 | 95,4 | 100,0 | 100,0 | 0,0 | 4,8 |
| Rubber and plastic products | 1,79 | 97,0 | 100,0 | 99,8 | -0,2 | 2,9 |
| Non-metallic mineral products | 4,20 | 93,9 | 100,0 | 98,0 | -2,0 | 4,4 |
| Metals, machinery, equipment and computing equipment | 14,82 | 96,7 | 100,0 | 99,6 | -0,4 | 3,0 |
| Structural and fabricated metal products | 6,54 | 94,1 | 100,0 | 101,0 | 1,0 | 7,3 |
| General and special purpose machinery | 7,31 | 98,5 | 100,0 | 98,4 | -1,6 | -0,1 |
| Household appliances and office machinery | 0,97 | 100,0 | 100,0 | 98,7 | -1,3 | -1,3 |
| Electrical machinery and apparatus and subcomponents | 1,91 | 95,5 | 100,0 | 100,1 | 0,1 | 4,8 |
| Transport equipment | 8,16 | 104,5 | 100,0 | 100,0 | 0,0 | -4,3 |
| Motor vehicles | 3,43 | 102,0 | 100,0 | 97,8 | -2,2 | -4,1 |
| Bodies for motor vehicles | 0,75 | 103,6 | 100,0 | 98,9 | -1,1 | -4,5 |
| Parts and accessories for motor vehicles and their engines | 3,98 | 107,0 | 100,0 | 102,0 | 2,0 | -4,7 |
| Furniture and other manufacturing | 2,28 | 98,3 | 100,0 | 99,8 | -0,2 | 1,5 |

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

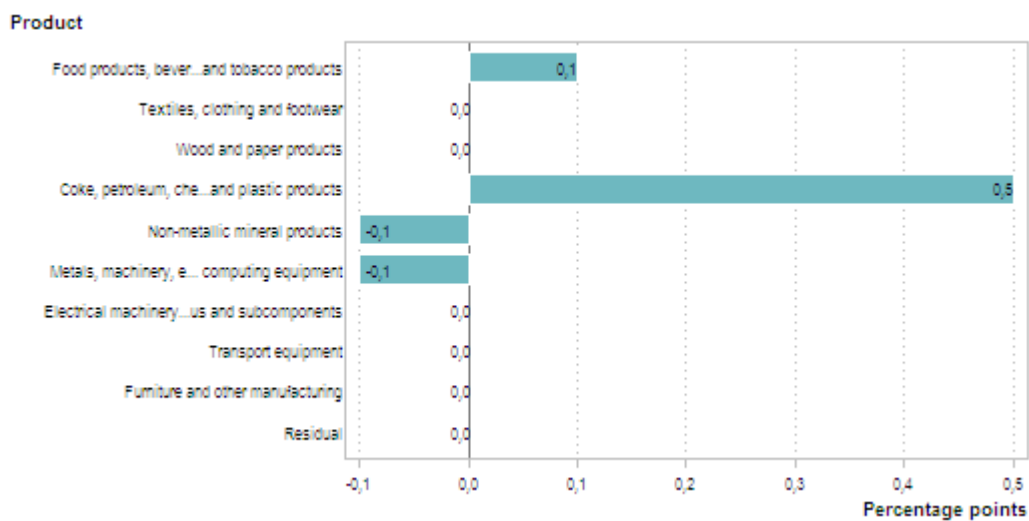


Figure 1.2 - Contributions to the annual percentage change in PPI for final manufactured goods

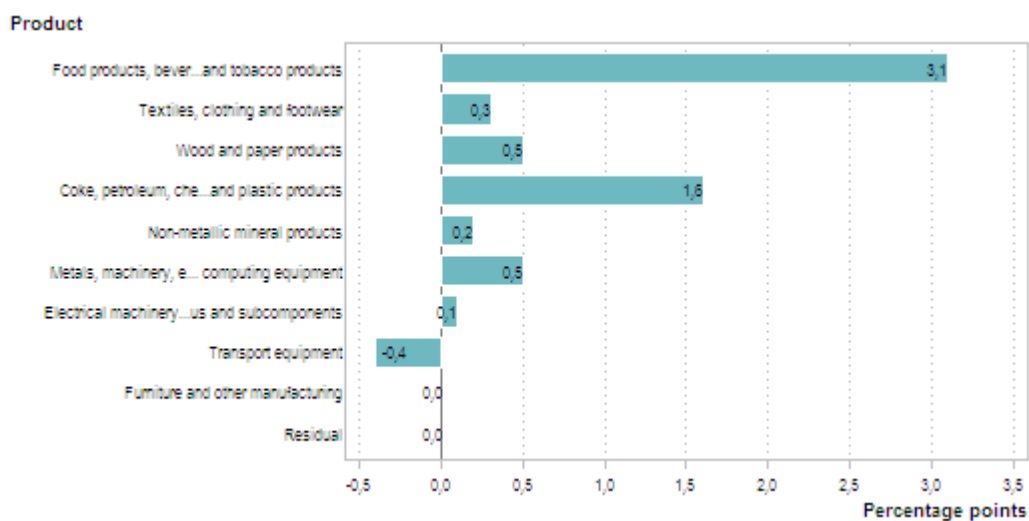


Table 2 - PPI for intermediate manufactured goods

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|--|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Intermediate manufactured goods | 100,00 | 95,0 | 100,0 | 101,4 | 1,4 | 6,7 |
| Textiles and leather goods | 10,11 | 98,4 | 100,0 | 99,8 | -0,2 | 1,4 |
| Sawmilling and wood | 19,64 | 93,0 | 100,0 | 100,4 | 0,4 | 8,0 |
| Chemicals, rubber and plastic products | 34,55 | 95,2 | 100,0 | 102,8 | 2,8 | 8,0 |
| Basic and other chemicals | 10,38 | 98,7 | 100,0 | 104,5 | 4,5 | 5,9 |
| Plastic products | 21,09 | 94,5 | 100,0 | 101,6 | 1,6 | 7,5 |
| Rubber products | 3,08 | 91,9 | 100,0 | 104,7 | 4,7 | 13,9 |
| Glass and glass products | 3,65 | 96,1 | 100,0 | 100,0 | 0,0 | 4,1 |
| Basic and fabricated metals | 27,54 | 96,6 | 100,0 | 100,9 | 0,9 | 4,5 |
| Basic iron and steel | 14,85 | 86,5 | 100,0 | 102,5 | 2,5 | 18,5 |
| Basic precious and non-ferrous metals and castings | 12,69 | 108,2 | 100,0 | 99,1 | -0,9 | -8,4 |
| Recycling and manufacturing n.e.c. | 4,50 | 79,9 | 100,0 | 103,2 | 3,2 | 29,2 |

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

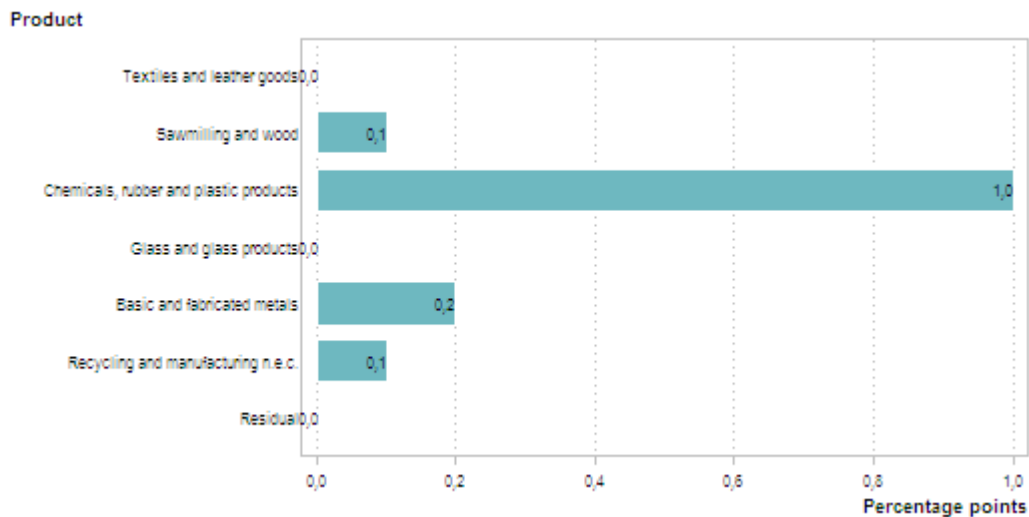


Figure 2.2 - Contributions to the annual percentage change in PPI for intermediate manufactured goods

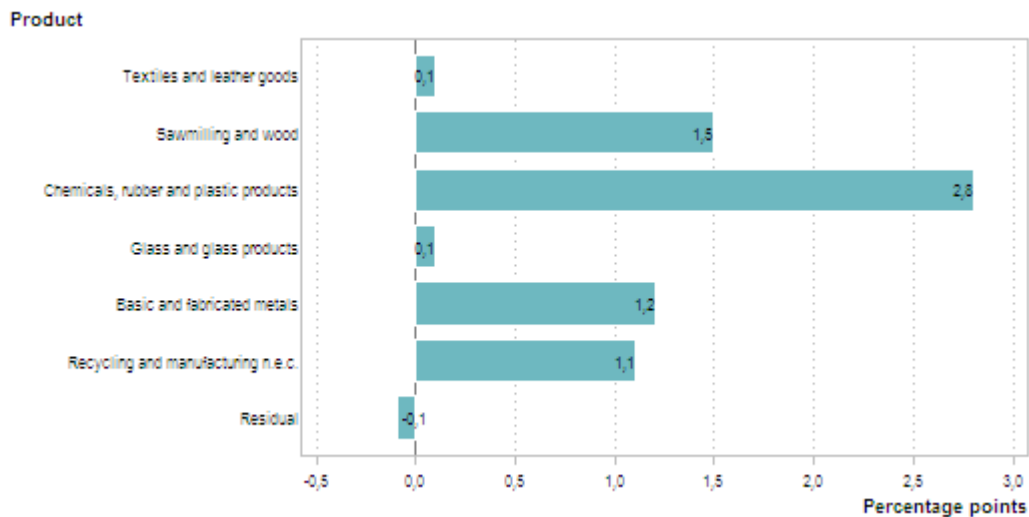


Table 3 - PPI for electricity and water

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|-----------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Electricity and water | 100,00 | 92,4 | 100,0 | 101,6 | 1,6 | 10,0 |
| Electricity | 85,21 | 92,8 | 100,0 | 101,9 | 1,9 | 9,8 |
| Water | 14,79 | 90,0 | 100,0 | 100,0 | 0,0 | 11,1 |

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

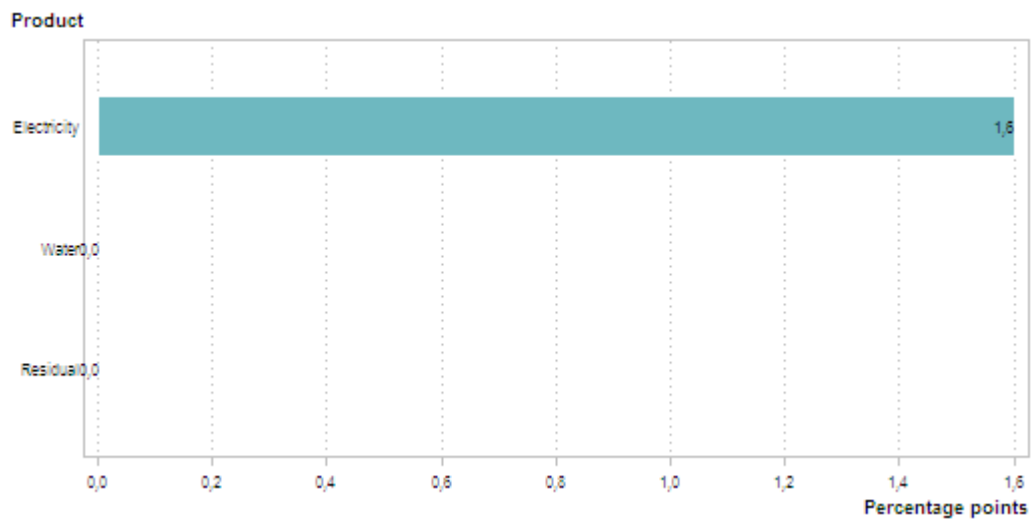


Figure 3.2 - Contributions to the annual percentage change in PPI for electricity and water

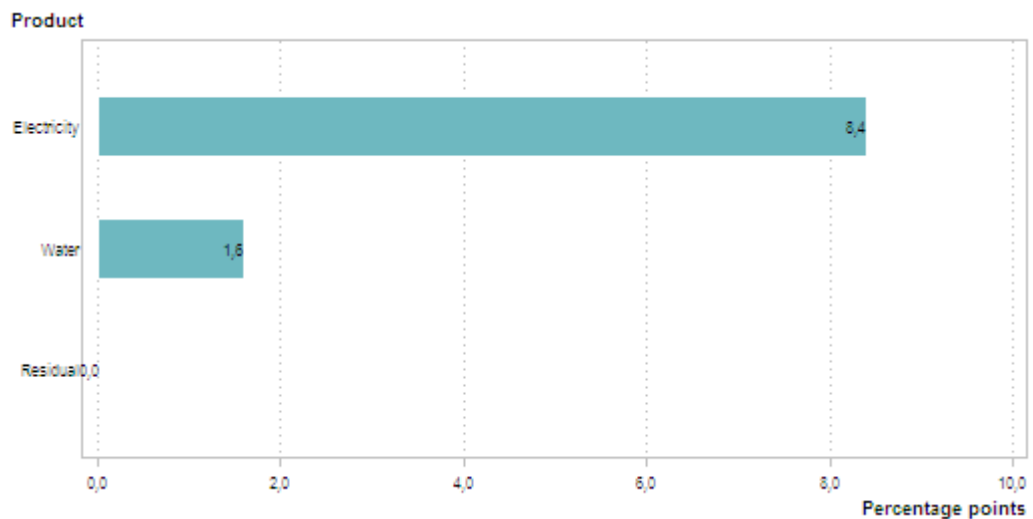


Table 4 - PPI for mining

| Product | Weight | Index (Dec 2016=100) | | | Percentage change | |
|------------------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Mining | 100,00 | 94,4 | 100,0 | 104,5 | 4,5 | 10,7 |
| Coal and gas | 27,51 | 87,9 | 100,0 | 97,8 | -2,2 | 11,3 |
| Gold and other metal ores | 30,45 | 93,5 | 100,0 | 103,7 | 3,7 | 10,9 |
| Non-ferrous metal ores | 33,21 | 86,8 | 100,0 | 100,3 | 0,3 | 15,6 |
| Stone quarrying, clay and diamonds | 8,83 | 166,4 | 100,0 | 144,3 | 44,3 | -13,3 |

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

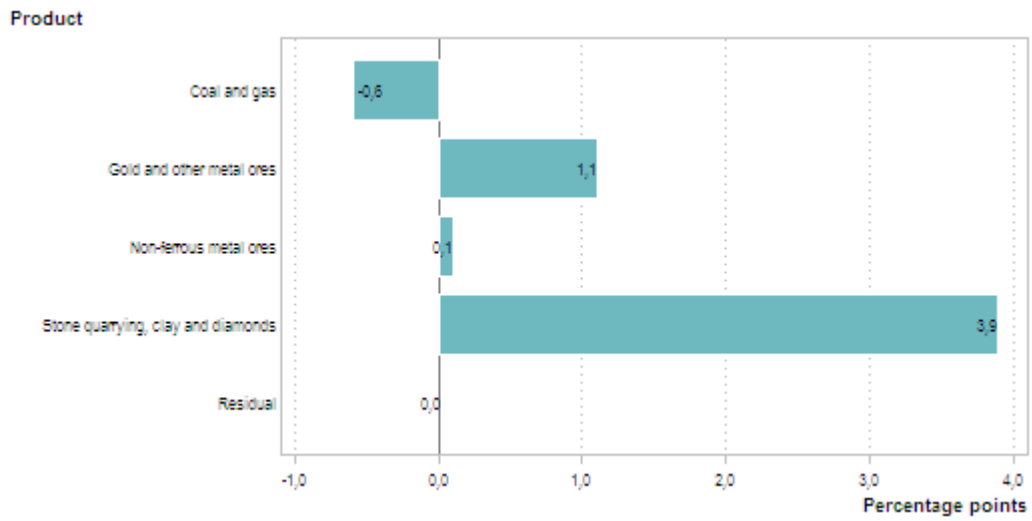


Figure 4.2 - Contributions to the annual percentage change in PPI for mining

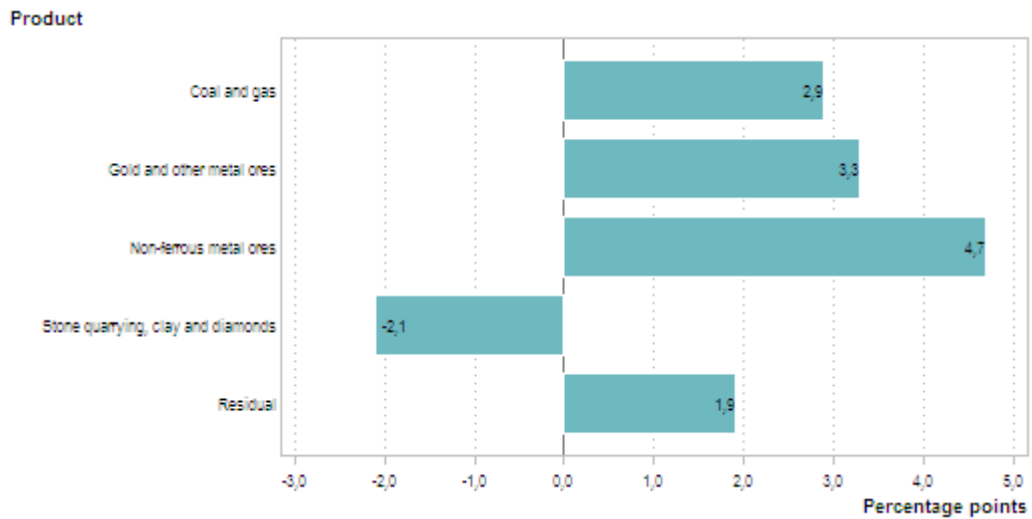


Table 5 - PPI for agriculture, forestry and fishing

| Product | | Weight | Index (Dec 2016=100) | | | Percentage change | |
|-----------------------------------|------------------------------------|--------|----------------------|----------|----------|-----------------------|-----------------------|
| | | | Jan 2016 | Dec 2016 | Jan 2017 | Jan 2017 vs. Dec 2016 | Jan 2017 vs. Jan 2016 |
| Agriculture, forestry and fishing | | 100,00 | 99,8 | 100,0 | 96,9 | -3,1 | -2,9 |
| Agriculture | | 85,28 | 101,1 | 100,0 | 96,2 | -3,8 | -4,8 |
| | Products of crops and horticulture | 41,05 | 111,2 | 100,0 | 92,4 | -7,6 | -16,9 |
| | Cereals and other crops | 17,94 | 115,5 | 100,0 | 94,3 | -5,7 | -18,4 |
| | Fruit and vegetables | 23,11 | 106,5 | 100,0 | 90,9 | -9,1 | -14,6 |
| | Live animals and animal products | 44,23 | 89,1 | 100,0 | 99,7 | -0,3 | 11,9 |
| | Live animals | 32,71 | 88,8 | 100,0 | 99,8 | -0,2 | 12,4 |
| | Milk and eggs | 10,12 | 87,3 | 100,0 | 98,4 | -1,6 | 12,7 |
| | Other animal products | 1,40 | 103,7 | 100,0 | 108,4 | 8,4 | 4,5 |
| Forestry | | 8,93 | 89,2 | 100,0 | 101,3 | 1,3 | 13,6 |
| Fishing | | 5,79 | 96,5 | 100,0 | 100,5 | 0,5 | 4,1 |

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

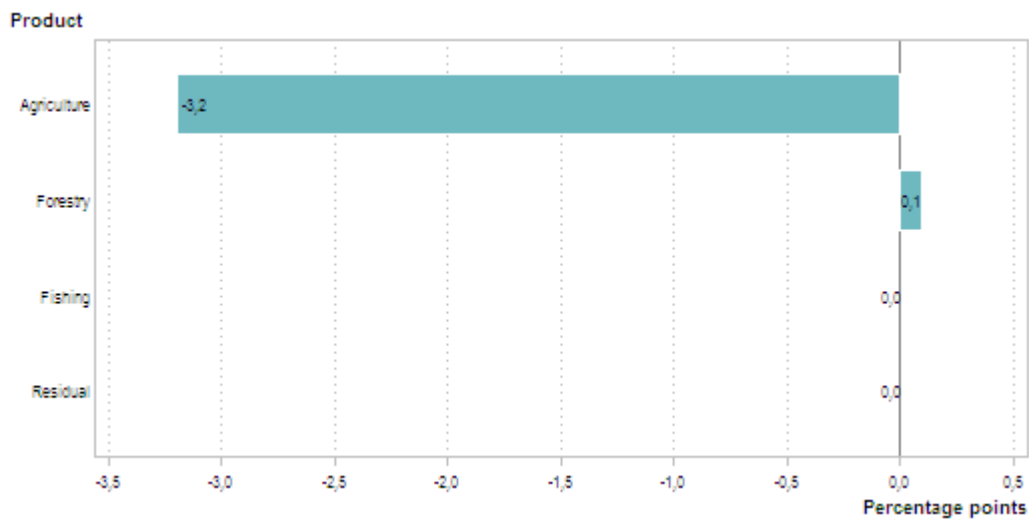
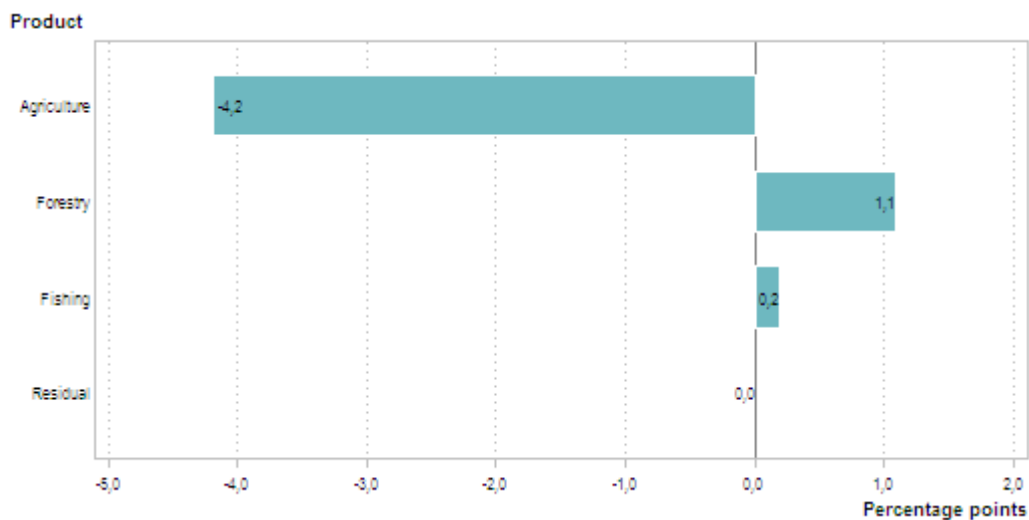


Figure 5.2 - Contributions to the annual percentage change in PPI for agriculture, forestry and fishing



Explanatory notes

| | |
|---|---|
| <p>Purpose and results of the survey</p> | <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

| | |
|--|--|
| <p>Producer Price Index</p> | <p>The PPI is defined as “<i>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).</i>”</p> |
| <p>Contributions</p> | <p>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).</p> |
| <p>Annual inflation rate</p> | <p>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.</p> |
| <p>Annual percentage change</p> | <p>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.</p> |
| <p>Average annual inflation rate</p> | <p>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.</p> |
| <p>Average annual percentage change</p> | <p>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.</p> |
| <p>Monthly percentage change</p> | <p>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.</p> |
| <p>Chain linking</p> | <p>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).</p> |

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