



REPUBLIC OF RWANDA



PRODUCER PRICE INDEX (PPI)

**Producer Price
Index
(PPI)
June 2024**

Summary

This is the monthly publication of the Producer Price Index (PPI) for the month of June 2024.

On annual basis:

- General Producer Price Index decreased by 1.9 percent;
- Local Producer Price Index decreased by 2.5 percent;
- Export Producer Price Index decreased by 0.6 percent.

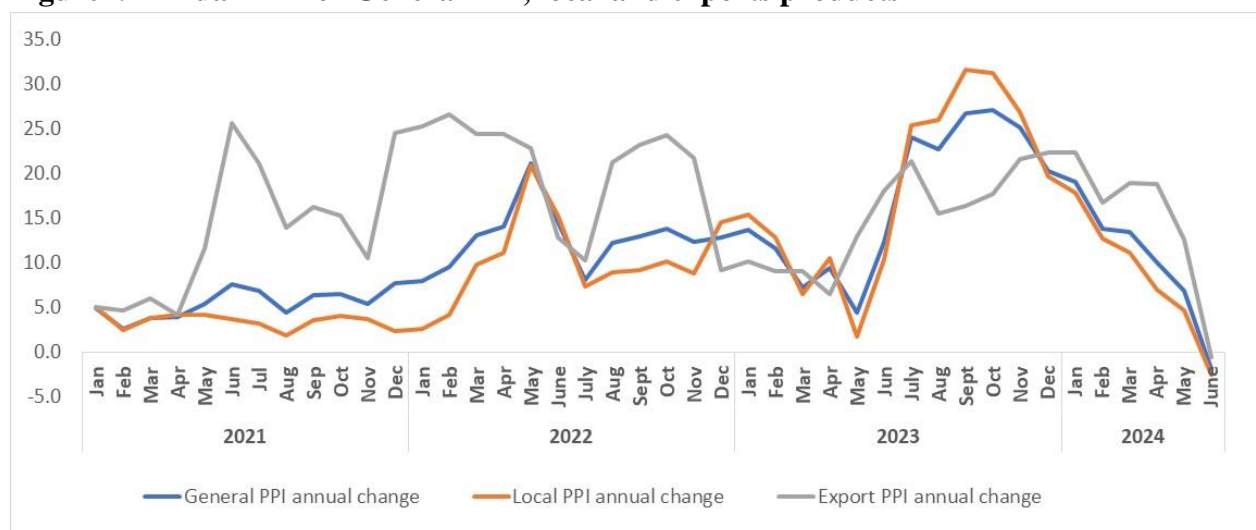
On monthly basis:

- General Producer Price Index decreased by 4.4 percent;
- Local Producer Price Index decreased by 3.6 percent;
- Export Producer Price Index decreased by 6.3 percent.

| | 2023 | | | | | | | 2024 | | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | June |
| Annual change | | | | | | | | | | | | | |
| General PPI | 12.3 | 24.1 | 22.8 | 26.8 | 27.1 | 25.1 | 20.4 | 19.0 | 13.9 | 13.4 | 10.0 | 6.9 | -1.9 |
| Local PPI | 10.4 | 25.4 | 26.0 | 31.6 | 31.3 | 26.9 | 19.7 | 17.8 | 12.8 | 11.2 | 7.0 | 4.7 | -2.5 |
| Export PPI | 18.2 | 21.4 | 15.5 | 16.4 | 17.7 | 21.6 | 22.3 | 22.4 | 16.8 | 18.9 | 18.9 | 12.6 | -0.6 |
| Monthly change | | | | | | | | | | | | | |
| General PPI | 4.1 | 4.6 | 1.1 | 4.9 | 1.3 | -2.3 | -0.7 | 0.4 | -4.4 | -0.5 | -0.2 | -1.2 | -4.4 |
| Local PPI | 3.5 | 5.9 | 0.9 | 5.3 | 1.4 | -4.3 | -1.0 | 0.1 | -4.6 | -1.3 | 1.1 | -1.9 | -3.6 |
| Export PPI | 6.1 | 1.3 | 1.6 | 4.1 | 1.0 | 3.0 | -0.1 | 0.9 | -4.1 | 1.3 | -3.1 | 0.3 | -6.3 |

Source: NISR

Figure1: Annual PPI for General PPI, local and exports products PPI



Source: NISR

1. Introduction

The Producer Price Index (PPI) measures the average change over time in prices received by domestic producers to produce their goods and services. The PPI for Rwanda is published on monthly basis. It presents price changes for all aggregated products, products for local sales and that for exports.

PPI survey covers a sample of 114 establishments and 402 products spread countrywide (Kigali and provinces). This survey is conducted in collaboration with the National Bank of Rwanda (NBR), and it covers mining, manufacturing, and utilities.

2. General Producer Price Index

Table below presents the percentage changes on monthly and annual basis.

| Level | Index ID | ISIC rev. 4 Description | Weights | Percentage change in June. 2024 | |
|----------|----------|---|-------------|---------------------------------|---------------|
| | | | | on May. 2024 | on June. 2023 |
| 1 | R | Rwanda | 1000 | -4.4 | -1.9 |
| 2 | RB | Mining and quarrying | 96 | 0.1 | 1.6 |
| 2 | RC | Manufacturing | 714 | -5.6 | -2.5 |
| 2 | RD | Electricity, gas, steam and air conditioning supply | 58 | 0.0 | 0.0 |
| 2 | RE | Water supply; sewerage, waste management and remediation activities | 129 | 0.0 | 0.0 |
| 2 | RJ | Information and communication | 3 | 0.0 | 0.0 |

Source: NISR

In June 2024, the general PPI decreased by 1.9 percent when compared to the same month of 2023. This is due to a decrease of 2.5 percent in prices of manufacturing activities. The prices of mining increased by 1.6 percent.

On monthly basis, the general PPI decreased by 4.4 percent. This is mainly due to a decrease of 5.6 percent in prices of manufacturing activities.

3. Local Producer Price Index

The table below presents the percentage changes on monthly and annual basis.

| Level | Index ID | ISIC rev. 4 Description | Weights | Percentage change in June. 2024 | |
|----------|----------|---|-------------|---------------------------------|---------------|
| | | | | on May. 2024 | on June. 2023 |
| 1 | R | Rwanda | 1000 | -3.6 | -2.5 |
| 2 | RC | Manufacturing | 749 | -4.7 | -3.3 |
| 2 | RD | Electricity, gas, steam and air conditioning supply | 76 | 0.0 | 0.0 |
| 2 | RE | Water supply; sewerage, waste management and remediation activities | 171 | 0.0 | 0.0 |
| 2 | RJ | Information and communication | 4 | 0.0 | 0.0 |

Source: NISR

In June 2024, the local PPI decreased by 2.5 percent when compared to the same month of 2023. This is due to a decrease of 3.3 percent in prices of manufacturing activities.

On monthly basis, the local PPI decreased by 3.6 percent. This is due to a decrease of 4.7 percent in prices of manufacturing activities.

4. Export Producer Price Index

The table below presents the percentage changes on monthly and annual basis.

| Table 4: Producer Price Index, Exports Index summary | | | Percentage change in June. 2024 | | |
|--|----------|---|---------------------------------|--------------|---------------|
| Level | Index ID | ISIC rev. 4 Description | Weights | on May. 2024 | on June. 2023 |
| 1 | R | Exports | 1000 | -6.3 | -0.6 |
| 4 | RB0729 | Mining of other non-ferrous metal ores | 393 | 0.1 | 1.6 |
| 6 | RC107980 | Manufacture of coffee products | 268 | -1.8 | -4.6 |
| 6 | RC107990 | Manufacture of tea products | 328 | -13.9 | 5.4 |
| 4 | RC2029 | Manufacture of other chemical products n.e.c. | 10 | 1.9 | 13.0 |

Source: NISR

In June 2024, the export PPI decreased by 0.6 percent when compared to the same month of 2023. This is due to a decrease of 4.6 percent in prices of coffee products. The prices of tea increased by 5.4 percent while the ones of mining increased by 1.6 percent.

On monthly basis, the export PPI decreased by 6.3 percent. This is due to a decrease of 13.9 percent in prices of tea products and a decrease of 1.8 in prices of coffee products.

Technical note on PPI

The Producer Price Index (PPI) measures the average change over time in the prices received by domestic producers of goods and services which are output of production or enter in the production process.

NISR publishes PPI data for Mining, Manufacturing and Energy, and it is published monthly, about 4 weeks following the month under review.

The establishments are classified according to ISIC rev. 4; and the classification is determined by their main output.

The weights used in the PPI for Rwanda refer to the value of output (turnover without taxes) of establishments as reported in the 2011 Manpower survey collecting data for the year 2010, which constitutes the reference base period for the PPI calculation (December 2010).

The point of pricing is the establishment. The price is the selling price received by the producer for the selected product as it leaves the factory gate. In general, prices are collected each month from the selected establishment by considering the mid-point of each month of the month under review.

The formula used in the PPI calculation is the geometric modified Laspeyres

| Annex 1: Producer Price Index, General | | Index (Dec 2010=100) | | | Percentage change in June 2024 | | Contributions ¹ : | |
|---|--|----------------------|--------------|--------------|--------------------------------|-------------|------------------------------|-------------|
| Level | Categories | Weights | June-23 | May-24 | June-24 | on May 2024 | on June 2023 | 12 months |
| 1 | General Index | 1000 | 196.1 | 201.4 | 192.5 | -4.4 | -1.9 | -1.9 |
| 2 | Mining and quarrying | 96 | 150.8 | 153.1 | 153.2 | 0.1 | 1.6 | 0.2 |
| 4 | Mining of metal ores | 96 | 150.8 | 153.1 | 153.2 | 0.1 | 1.6 | 0.2 |
| 2 | Manufacturing | 714 | 203.2 | 209.9 | 198.2 | -5.6 | -2.5 | -2.0 |
| 4 | Manufacture of food products | 376 | 224.8 | 231.6 | 214.1 | -7.6 | -4.8 | -7.2 |
| 4 | Manufacture of beverages | 174 | 178.8 | 185.8 | 185.8 | 0.0 | 3.9 | 2.7 |
| 4 | Manufacture of textiles | 5 | 95.7 | 95.7 | 95.7 | 0.0 | 0.0 | 0.0 |
| 4 | Printing and reproduction of recorded media | 19 | 106.2 | 115.1 | 115.1 | 0.0 | 8.4 | 0.6 |
| 4 | Manufacture of chemicals and chemical products | 29 | 206.5 | 213.5 | 213.8 | 0.2 | 3.6 | 0.4 |
| 4 | Manufacture of rubber and plastics products | 11 | 218.6 | 231.1 | 231.1 | 0.0 | 5.7 | 0.3 |
| 4 | Manufacture of other non-metallic mineral products | 31 | 126.4 | 138.8 | 138.8 | 0.0 | 9.9 | 1.2 |
| 4 | Manufacture of fabricated metal products, except machinery and equipment | 29 | 144.9 | 144.9 | 144.9 | 0.0 | 0.0 | 0.0 |
| 4 | Manufacture of furniture | 9 | 136.6 | 138.3 | 141.5 | 2.3 | 3.6 | 0.1 |
| 2 | Electricity, gas, steam and air conditioning supply | 58 | 179.5 | 179.5 | 179.5 | 0.0 | 0.0 | 0.0 |
| 4 | Electricity, gas, steam and air conditioning supply | 58 | 179.5 | 179.5 | 179.5 | 0.0 | 0.0 | 0.0 |
| 2 | Water supply; sewerage, waste management and remediation activities | 129 | 190.6 | 190.6 | 190.6 | 0.0 | 0.0 | 0.0 |
| 4 | Water collection, treatment and supply | 129 | 190.6 | 190.6 | 190.6 | 0.0 | 0.0 | 0.0 |
| 2 | Information and communication | 3 | 197.8 | 197.8 | 197.8 | 0.0 | 0.0 | 0.0 |
| 4 | Publishing activities | 3 | 197.8 | 197.8 | 197.8 | 0.0 | 0.0 | 0.0 |

Source: NISR

(1) "Contributions" take into account both the growth rate and the relative weight of each category to explain the percentage change observed

| Annex 2: Producer Price Index, Local Level Categories | Weights | Index (Dec 2010=100) | | | Percentage change in June 2024 | | Contributions ¹ : |
|--|-------------|----------------------|--------------|--------------|--------------------------------|--------------|------------------------------|
| | | June-23 | May-24 | June-24 | on May 2024 | on June 2023 | 12 months |
| 1 General Index | 1000 | 194.1 | 196.4 | 189.3 | -3.6 | -2.5 | -2.5 |
| 2 Manufacturing | 749 | 196.3 | 199.4 | 189.9 | -4.7 | -3.3 | -2.5 |
| 4 Manufacture of food products | 305 | 228.4 | 229.5 | 211.8 | -7.7 | -7.3 | -9.8 |
| 4 Manufacture of beverages | 231 | 178.8 | 185.8 | 185.8 | 0.0 | 3.9 | 4.0 |
| 4 Manufacture of textiles | 6 | 95.7 | 95.7 | 95.7 | 0.0 | 0.0 | 0.0 |
| 4 Printing and reproduction of recorded media | 25 | 106.2 | 115.1 | 115.1 | 0.0 | 8.4 | 0.9 |
| 4 Manufacture of chemicals and chemical products | 35 | 208.6 | 214.5 | 214.5 | 0.0 | 2.8 | 0.4 |
| 4 Manufacture of rubber and plastics products | 15 | 117.8 | 117.8 | 117.8 | 0.0 | 0.0 | 0.0 |
| 4 Manufacture of other non-metallic mineral products | 42 | 126.4 | 138.8 | 138.8 | 0.0 | 9.9 | 1.8 |
| 4 Manufacture of fabricated metal products, except machinery and equipment | 39 | 144.9 | 144.9 | 144.9 | 0.0 | 0.0 | 0.0 |
| 4 Manufacture of furniture | 11 | 136.6 | 138.3 | 141.5 | 2.3 | 3.6 | 0.2 |
| 2 Electricity, gas, steam and air conditioning supply | 76 | 179.5 | 179.5 | 179.5 | 0.0 | 0.0 | 0.0 |
| 4 Electricity, gas, steam and air conditioning supply | 76 | 179.5 | 179.5 | 179.5 | 0.0 | 0.0 | 0.0 |
| 2 Water supply; sewerage, waste management and remediation activities | 171 | 190.6 | 190.6 | 190.6 | 0.0 | 0.0 | 0.0 |
| 4 Water collection, treatment and supply | 171 | 190.6 | 190.6 | 190.6 | 0.0 | 0.0 | 0.0 |
| 2 Information and communication | 4 | 197.8 | 197.8 | 197.8 | 0.0 | 0.0 | 0.0 |
| 4 Publishing activities | 4 | 197.8 | 197.8 | 197.8 | 0.0 | 0.0 | 0.0 |

Source: NISR

(1) "Contributions" take into account both the growth rate and the relative weight of each category to explain the percentage change observed

| Annex 3: Producer Price Index, Export | | Index (Dec 2010=100) | | | Percentage change in June 2024 | | Contributions ¹ : | |
|--|---|----------------------|--------------|--------------|--------------------------------|-------------|------------------------------|-------------|
| Level | Categories | Weights | June-23 | May-24 | June-24 | on May 2024 | on June 2023 | 12 months |
| 1 | General Index | 1000 | 199.1 | 211.3 | 198.0 | -6.3 | -0.6 | -0.6 |
| 6 | Mining of other non-ferrous metal ores | 393 | 150.8 | 153.1 | 153.2 | 0.1 | 1.6 | 0.5 |
| 8 | Manufacture of coffee products | 268 | 250.3 | 243.2 | 238.7 | -1.8 | -4.6 | -1.6 |
| 8 | Manufacture of tea products | 328 | 184.8 | 226.3 | 194.7 | -13.9 | 5.4 | 1.6 |
| 6 | Manufacture of other chemical products n.e.c. | 10 | 183.1 | 203.1 | 206.9 | 1.9 | 13.0 | 0.1 |

Source: NISR

(1) "Contributions" take into account both the growth rate and the relative weight of each category to explain the percentage change observed

Contacts:

National Institute of Statistics of Rwanda (NISR),
P.O. BOX 6139 Kigali,
Tel.: +250-788383103 Hot line: 4321,
Web site: www.statistics.gov.rw
E-mail: info@statistics.gov.rw