



**REPUBLIC OF RWANDA**



# **PRODUCER PRICE INDEX (PPI)**

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

## Summary

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

On annual basis:

- General Producer Price Index decreased by 5.6 percent;
- Local Producer Price Index decreased by 10.9 percent;
- Export Producer Price Index increased by 7.5 percent.

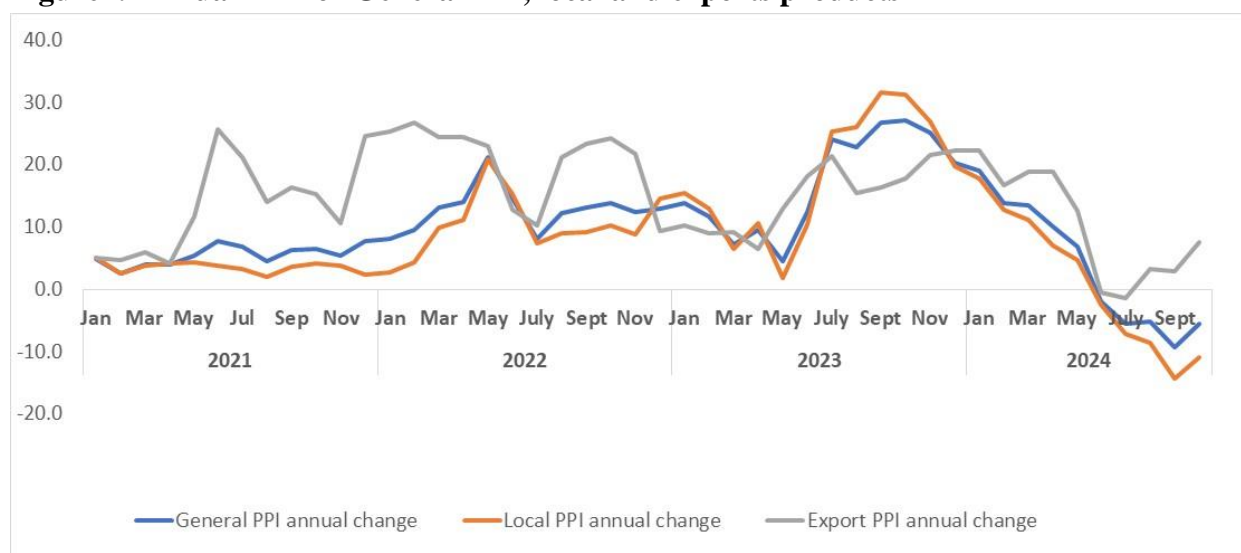
On monthly basis:

- General Producer Price Index increased by 5.4 percent;
- Local Producer Price Index increased by 5.4 percent;
- Export Producer Price Index increased by 5.6 percent.

	2023			2024									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct
<b>Annual change</b>													
General PPI	27.1	25.1	20.4	19.0	13.9	13.4	10.0	6.9	-1.9	-5.4	-5.1	-9.3	-5.6
Local PPI	31.3	26.9	19.7	17.8	12.8	11.2	7.0	4.7	-2.5	-7.1	-8.5	-14.3	-10.9
Export PPI	17.7	21.6	22.3	22.4	16.8	18.9	18.9	12.6	-0.6	-1.3	3.3	2.8	7.5
<b>Monthly change</b>													
General PPI	1.3	-2.3	-0.7	0.4	-4.4	-0.5	-0.2	-1.2	-4.4	0.8	1.4	0.3	5.4
Local PPI	1.4	-4.3	-1.0	0.1	-4.6	-1.3	1.1	-1.9	-3.6	0.9	-0.7	-1.4	5.4
Export PPI	1.0	3.0	-0.1	0.9	-4.1	1.3	-3.1	0.3	-6.3	0.5	6.4	3.6	5.6

*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 Oct. 2024	
				on Sept. 2024	on Oct. 2023
<b>1</b>	<b>R</b>	<b>Rwanda</b>	<b>1000</b>	<b>5.4</b>	<b>-5.6</b>
2	RB	Mining and quarrying	96	0.2	1.2
2	RC	Manufacturing	714	6.8	-6.8
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 October 2024, the general PPI decreased by 5.6 percent when compared to the same month of 2023. This is due to a decrease of 6.8 percent in prices of manufacturing activities. The prices of mining increased by 1.2 percent.

On monthly basis, the general PPI increased by 5.4 percent. This is mainly due to an increase of 6.8 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 Oct. 2024	
				on Sept. 2024	on Oct. 2023
<b>1</b>	<b>R</b>	<b>Rwanda</b>	<b>1000</b>	<b>5.4</b>	<b>-10.9</b>
2	RC	Manufacturing	749	7.2	-13.5
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 October 2024, the local PPI decreased by 10.9 percent when compared to the same month of 2023. This is due to a decrease of 13.5 percent in prices of manufacturing activities.

On monthly basis, the local PPI increased by 5.4 percent. This is due to an increase of 7.2 percent in prices of manufacturing activities.

## 4. Export 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 Oct. 2024	
				on Sept. 2024	on Oct. 2023
<b>1</b>	<b>R</b>	<b>Exports</b>	<b>1000</b>	<b>5.6</b>	<b>7.5</b>
4	RB0729	Mining of other non-ferrous metal ores	393	0.2	1.2
6	RC107980	Manufacture of coffee products	268	8.5	9.3
6	RC107990	Manufacture of tea products	328	3.6	6.9
4	RC2029	Manufacture of other chemical products n.e.c.	10	2.1	10.3

Source: NISR

In October 2024, the export PPI increased by 7.5 percent when compared to the same month of 2023. This is mainly due to an increase of 9.3 percent in prices of coffee products, an increase of 6.9 percent in prices of tea products, and an increase of 1.2 percent in prices of mining.

On monthly basis, the export PPI increased by 5.6 percent. This is mainly due to an increase of 8.5 percent in prices of coffee products, and an increase of 3.6 percent in prices of tea 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; it is published on monthly basis, 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.

<b>Annex 1: Producer Price Index, General</b>		Index (Dec 2010=100)			Percentage change in Oct. 2024		Contributions <sup>1</sup> :	
Level	Categories	Weights	Oct-23	Sept-24	Oct-24	on Sept. 2024	on Oct. 2023	12 months
<b>1</b>	<b>General Index</b>	<b>1000</b>	<b>220.4</b>	<b>197.4</b>	<b>208.1</b>	<b>5.4</b>	<b>-5.6</b>	<b>-5.6</b>
2	Mining and quarrying	96	152.0	153.6	153.9	0.2	1.2	0.1
4	Mining of metal ores	96	152.0	153.6	153.9	0.2	1.2	0.1
2	Manufacturing	714	234.6	204.7	218.5	6.8	-6.8	-5.7
4	Manufacture of food products	376	268.9	222.2	242.4	9.1	-9.8	-10.1
4	Manufacture of beverages	174	178.8	192.1	192.1	0.0	7.4	3.5
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	0.4
4	Manufacture of chemicals and chemical products	29	209.4	214.2	217.3	1.4	3.7	0.3
4	Manufacture of rubber and plastics products	11	220.5	231.3	231.3	0.0	4.9	0.2
4	Manufacture of other non-metallic mineral products	31	128.2	139.0	139.0	0.0	8.4	0.7
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	134.8	140.9	140.9	0.0	4.5	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 Oct. 2024		Contributions <sup>1</sup> :
		Oct-23	Sept-24	Oct-24	on Sept. 2024	on Oct. 2023	12 months
<b>1 General Index</b>	<b>1000</b>	<b>221.4</b>	<b>187.1</b>	<b>197.2</b>	<b>5.4</b>	<b>-10.9</b>	<b>-10.9</b>
2 Manufacturing	749	231.7	186.9	200.4	7.2	-13.5	-10.9
4 Manufacture of food products	305	287.2	201.7	227.7	12.9	-20.7	-16.4
4 Manufacture of beverages	231	178.8	192.1	192.1	0.0	7.4	4.4
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	0.5
4 Manufacture of chemicals and chemical products	35	211.0	214.7	217.6	1.4	3.2	0.3
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	128.2	139.0	139.0	0.0	8.4	0.9
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	134.8	140.9	140.9	0.0	4.5	0.1
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

<b>Annex 2: Producer Price Index, Local</b>		Index (Dec 2010=100)			Percentage change in Sept. 2024		Contributions <sup>1</sup> :	
Level	Categories	Weights	Sept-23	Aug-24	Sept-24	on Aug. 2024	on Sept. 2023	12 months
<b>1</b>	<b>General Index</b>	<b>1000</b>	<b>218.3</b>	<b>189.7</b>	<b>187.1</b>	<b>-1.4</b>	<b>-14.3</b>	<b>-14.3</b>
2	Manufacturing	749	227.8	190.4	186.9	-1.8	-18.0	-14.3
4	Manufacture of food products	305	281.4	208.8	201.7	-3.4	-28.3	-18.9
4	Manufacture of beverages	231	178.8	192.1	192.1	0.0	7.4	3.8
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	0.5
4	Manufacture of chemicals and chemical products	35	206.9	214.7	214.7	0.0	3.8	0.3
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	139.0	139.0	0.0	10.0	0.9
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	140.9	140.9	0.0	3.1	0.1
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*

Level Categories	Weights	Index (Dec 2010=100)			Percentage change in Oct. 2024		Contributions <sup>1</sup> :
		Oct-23	Sept-24	Oct-24	on Sept. 2024	on Oct. 2023	12 months
<b>1 General Index</b>	<b>1000</b>	<b>215.4</b>	<b>219.3</b>	<b>231.6</b>	<b>5.6</b>	<b>7.5</b>	<b>7.5</b>
6 Mining of other non-ferrous metal ores	393	152.0	153.6	153.9	0.2	1.2	0.7
8 Manufacture of coffee products	268	258.5	260.4	282.4	8.5	9.3	3.5
8 Manufacture of tea products	328	221.8	229.0	237.2	3.6	6.9	3.2
6 Manufacture of other chemical products n.e.c.	10	193.4	209.0	213.4	2.1	10.3	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*



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