



REPUBLIC OF RWANDA



PRODUCER PRICE INDEX (PPI)

Producer Price
Index
(PPI)
May 2022

1. Summary

This is the monthly publication of the Producer Price Index (PPI) for the month of May 2022.

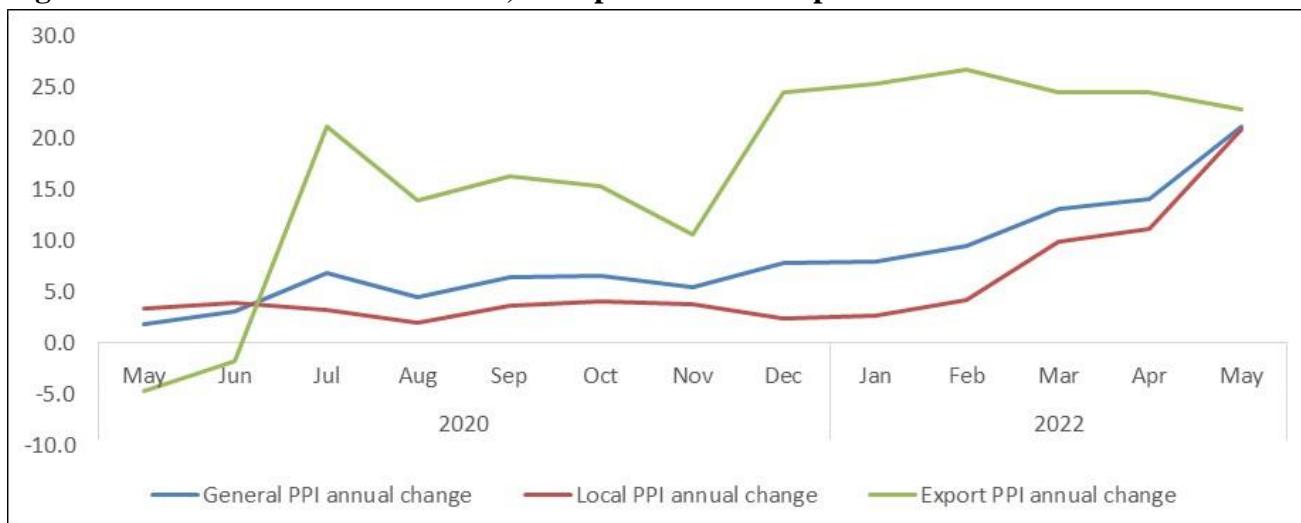
- General Producer Price Index increased by 21.2 percent on annual basis
- Local Producer Price Index increased by 20.9 percent on annual basis
- Export Producer Price Index increased by 22.9 percent on annual basis
- General Producer Price Index increased by 6.5 percent on monthly basis
- Local Producer Price Index increased by 8.8 percent on monthly basis
- Export Producer Price Index decreased by 0.2 percent on monthly basis

Table1. PPI monthly and annual changes for all Rwanda, local products and exports (in percentages)

	Percentage change on the same period 12 months and or one month earlier:												
	2021									2022			
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
General PPI annual change	5.4	7.7	6.9	4.5	6.4	6.5	5.4	7.8	8.0	9.5	13.1	14.1	21.2
Local PPI annual change	4.3	3.7	3.3	1.9	3.6	4.1	3.7	2.4	2.7	4.3	9.9	11.2	20.9
Export PPI annual change	11.6	25.6	21.1	14.0	16.3	15.3	10.6	24.6	25.3	26.7	24.5	24.5	22.9
General PPI monthly change	0.3	2.4	0.3	-1.6	0.9	0.3	0.6	2.7	0.7	1.8	4.1	0.8	6.5
Local PPI monthly change	0.1	0.1	0.2	-1.2	0.6	0.8	0.2	-0.2	1.0	1.9	6.1	1.3	8.8
Export PPI monthly change	1.1	10.5	0.8	-2.8	1.6	-1.0	1.9	10.6	0.0	1.5	-0.6	-0.6	-0.2

Source: NISR

Figure1: Annual PPI for all Rwanda, local products and exports



Source: NISR.

1. Introduction

The Producer Price Index (PPI) measures the average change over time in prices received by domestic producers for the production of their goods and services. The Producer Price Index for Rwanda is published on monthly basis.

It presents price changes for all combined products, products for local sales and that for exports. It covers a sample of 114 establishments and 402 products spread countrywide, both in Kigali City and in rural areas.

The Producer Price Index survey is conducted jointly with the National Bank of Rwanda. It now covers mining, manufacturing and energy.

2. General Producer Price Index

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

Level	Index ID	ISIC rev. 4 Description	Percentage change in May. 2022		
			Weights	on Apr.2022	on May. 2021
1	R	Rwanda	1000	6.5	21.2
2	RB	Mining and quarrying	96	-0.2	21.6
2	RC	Manufacturing	714	9.5	31.6
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 May 2022, General PPI increased by 21.2 percent when compared to the same month of 2021. This is due to an increase of 21.6 percent in prices of manufacturing activities and an increase of 31.6 percent in prices of ‘mining and quarrying’.

Monthly general PPI increased by 6.5 percent. This is due to an increase of 9.5 percent in prices of manufacturing activities and a decrease of 0.2 percent in prices of ‘mining and quarrying’.

3. Local Producer Price Index

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

Level	Index ID	ISIC rev. 4 Description	Percentage change in Mai 2022		
			Weights	on Avr.2022	on Mai. 2021
1	R	Rwanda	1000	8.8	20.9
2	RC	Manufacturing	749	13.0	34.4
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

Local PPI increased by 20.9 percent in May 2022 compared to the same month of 2021. This is due to an increase of 34.4 percent in prices of manufacturing activities.

Monthly local PPI increased by 8.8 percent. This is due to an increase of 13 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	Percentage change in May 2022		
			Weights	on Apr.2022	on May. 2021
1	R	Exports	1000	-0.2	22.9
4	RB0729	Mining of other non-ferrous metal ores	393	-0.2	21.6
6	RC107980	Manufacture of coffee products	268	0.0	50.5
6	RC107990	Manufacture of tea products	328	-0.3	12.8
4	RC2029	Manufacture of other chemical products n.e.c.	10	-0.2	10.6

Source:NISR

Export PPI increased by 22.9 percent in May 2022 compared to the same month of 2021. This is mainly due to an increase of 50.5 percent in prices of coffee products, an increase of 21 percent in prices of ‘mining and quarrying’ an increase of 12.8 percent in prices of tea products and an increase of 10.6

percent in prices of other chemical products.

Monthly export PPI decreased by 0.2 percent. This is mainly due to a decrease of 0.2 percent in prices of tea products and a decrease of 0.2 percent prices of ‘mining and quarrying’.

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: L'indice général des prix à la production		Index (Déc 2010=100)				Variations en pourcentage Mai. 2022		Contributions 1:	
Niveau	Catégories	Pondérations	Mai-21	Avr-22	Mai-22	sur Avr. 2022	sur Mai.2021	1 mois	12 mois
1	Indice Général	1000	148,8	169,2	180,3	6,5	21,2	6,5	21,2
2	Activités extractives	96	122,3	149,0	148,8	-0,2	21,6	0,0	1,8
4	Extraction de minerais métalliques	96	122,3	149,0	148,8	-0,2	21,6	0,0	1,8
2	Activités de fabrication	714	138,4	166,3	182,1	9,5	31,6	6,6	19,4
4	Fabrication de produits alimentaires	376	145,5	184,0	206,3	12,1	41,8	6,2	17,0
4	Fabrication de boissons	174	127,7	134,2	134,2	0,0	5,1	0,0	1,0
4	Fabrication de textiles, d'articles d'habillement	5	92,8	95,7	95,7	0,0	3,1	0,0	0,0
4	Impression et reproduction de supports enregistrés	19	106,2	106,2	106,2	0,0	0,0	0,0	0,0
4	Fabrication de produits chimiques	29	147,6	174,3	182,5	4,7	23,6	0,2	0,7
4	Fabrication d'articles en caoutchouc et en matières plastiques	11	178,9	211,7	215,6	1,9	20,5	0,0	0,2
4	Fabrication d'autres produits minéraux non métalliques	31	114,3	119,4	123,3	3,3	7,9	0,1	0,3
4	Fabrication d'ouvrages en métaux (sauf machines et matériel)	29	144,9	144,9	144,9	0,0	0,0	0,0	0,0
4	Fabrication de meubles	9	122,5	129,9	133,7	2,9	9,2	0,0	0,1
2	Production et distribution d'électricité, de gaz, de vapeur et climatisation	58	179,5	179,5	179,5	0,0	0,0	0,0	0,0
4	Production et distribution d'électricité, de gaz, de vapeur et climatisation	58	179,5	179,5	179,5	0,0	0,0	0,0	0,0
2	Collecte et traitement des eaux, distribution d'eau	129	190,6	190,6	190,6	0,0	0,0	0,0	0,0
4	Collecte et traitement des eaux, distribution d'eau	129	190,6	190,6	190,6	0,0	0,0	0,0	0,0
2	Information et communication	3	197,8	197,8	197,8	0,0	0,0	0,0	0,0
4	Édition de livres, revues et autres activités d'édition	3	197,8	197,8	197,8	0,0	0,0	0,0	0,0

Source: INSR
(1) "Contributions" tiennent compte le taux de croissance et la pondération de chaque catégorie pour expliquer la variation en pourcentage observée

Annex 2: Producer Price Index, Local Level Categories	Weights	Index (Dec 2010=100)			Percentage change in May. 2022		Contributions ¹ :	
		May-21	Apr-22	May-22	on Apr-2022	on May-2021	1 month	12 months
1 Local Index	1000	152.4	169.3	184.2	8.8	20.9	8.8	20.9
2 Manufacturing	749	136.1	161.9	183.0	13.0	34.4	8.8	20.1
4 Manufacture of food products	305	147.8	189.7	224.5	18.4	51.9	8.3	20.0
4 Manufacture of beverages	231	127.7	134.2	134.2	0.0	5.1	0.0	1.5
4 Manufacture of textiles	6	92.8	95.7	95.7	0.0	3.1	0.0	0.0
4 Printing and reproduction of recorded media	25	106.2	106.2	106.2	0.0	0.0	0.0	0.0
4 Manufacture of chemicals and chemical products	35	149.4	177.0	185.7	5.0	24.3	0.3	1.1
4 Manufacture of rubber and plastics products	15	95.8	117.8	117.8	0.0	23.0	0.0	0.4
4 Manufacture of other non-metallic mineral products	42	114.3	119.4	123.3	3.3	7.9	0.2	0.4
4 Manufacture of fabricated metal products, except machinery and equipment	39	144.9	144.9	144.9	0.0	0.0	0.0	0.0
4 Manufacture of furniture	11	122.5	129.9	133.7	2.9	9.2	0.0	0.1
2 Electricity, gas, steam and air conditioning supply	76	179.5	179.5	179.5	0.0	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	0.0
2 Water supply; sGSerage, waste management and remediation activities	171	190.6	190.6	190.6	0.0	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	0.0
2 Information and communication	4	197.8	197.8	197.8	0.0	0.0	0.0	0.0
4 Publishing activities	4	197.8	197.8	197.8	0.0	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, General		Index (Dec 2010=100)			Percentage change in May.2022 contributions ¹ :				
Level	Categories	Weights	May-21	Apr-22	May-22	on Apr-2022	on May-2021	1 month	12 months
General Index									
1	Exports	1000	135.1	166.3	166.0	-0.2	22.9	-0.2	22.9
6	Mining of other non-ferrous metal ores	393	122.3	149.0	148.8	-0.2	21.6	-0.1	8.2
8	Manufacture of coffee products	268	112.3	169.0	169.0	0.0	50.5	0.0	13.0
8	Manufacture of tea products	328	112.3	180.6	180.1	-0.3	12.8	-0.1	4.0
6	Manufacture of other chemical products n.e.c.	10	159.7	140.9	140.7	-0.2	10.6	0.0	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