

PRODUCER PRICE INDEX (MINING AND UTILITIES) QUARTER 3 OF 2023

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STATISTICS BOTSWANA

**PRODUCER PRICE INDEX
(MINING AND UTILITIES)
– QUARTER 3 of 2023**

Preface

This report presents Botswana's quarterly Producer Price Index (Mining and Utilities), which is used to derive the producers' inflation rate. The inflation rate measures the change in the Producer Price Index (PPI) for the quarter under review compared to the previous quarter (quarter-on-quarter changes) as well as to the corresponding quarter in the previous year (year-on-year changes).

Price Statistics information is suitable for the formulation of socio-economic and monetary policies. Statistics Botswana produces the quarterly Producer Price Index (Mining and Utilities) to meet the needs of stakeholders.

The Mining Producers' annual inflation rate stood at -15.9 percent in Quarter 3 of 2023, registering a decrease of 14.8 percentage points on the Quarter 2 of 2023 rate of -1.1 percent.

Statistics Botswana recognises and extends appreciation to all stakeholders who provided information for the production of this publication.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at **+267 367 1300**. This publication and all other Statistics Botswana outputs/publications are available on the website at <http://www.statsbots.org.bw> and at the Statistics Botswana Information Resource Centre (Head-Office, Gaborone).



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December 2023

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1.0 COMMENTARY

1.1 Mining Producer Price Index Quarter three (3) 2023

The Mining Producer Price Annual Inflation for the third quarter of 2023 registered a decline of 14.8 percentage points, from -1.1 percent recorded in the second quarter of 2023 to -15.9 percent. [Refer to Table 1.](#)

The Mining Producer Price Index moved from 127.4 in Quarter 2 of 2023 to 111.5 in Quarter 3 of 2023, a decrease of 12.5 percent. The decline was due to a decrease in all section indices, except the quarry section index which remained unchanged. A decrease of 27.0 percent was recorded for Gold, 24.3 percent for Salt, 22.1 percent for Coal, 17.0 percent for Soda Ash and 11.8 percent for Diamond. [Refer to Table 2.0](#)

1.2 Utilities (Water and Electricity) Producer Price Index

The year on year Utilities Producer Price inflation for the third quarter of 2023 was 0.0 percent, the same rate as in the second quarter of 2023. [Refer to table 3.](#)

The Utilities Producer Price Index in the third quarter of 2023 remained the same as in the second quarter of 2023, at 115.9. [Refer to Table 3.](#)

Chart 1: Quarter on Quarter Percentage Change for Mining Producer Price Index(PPI)

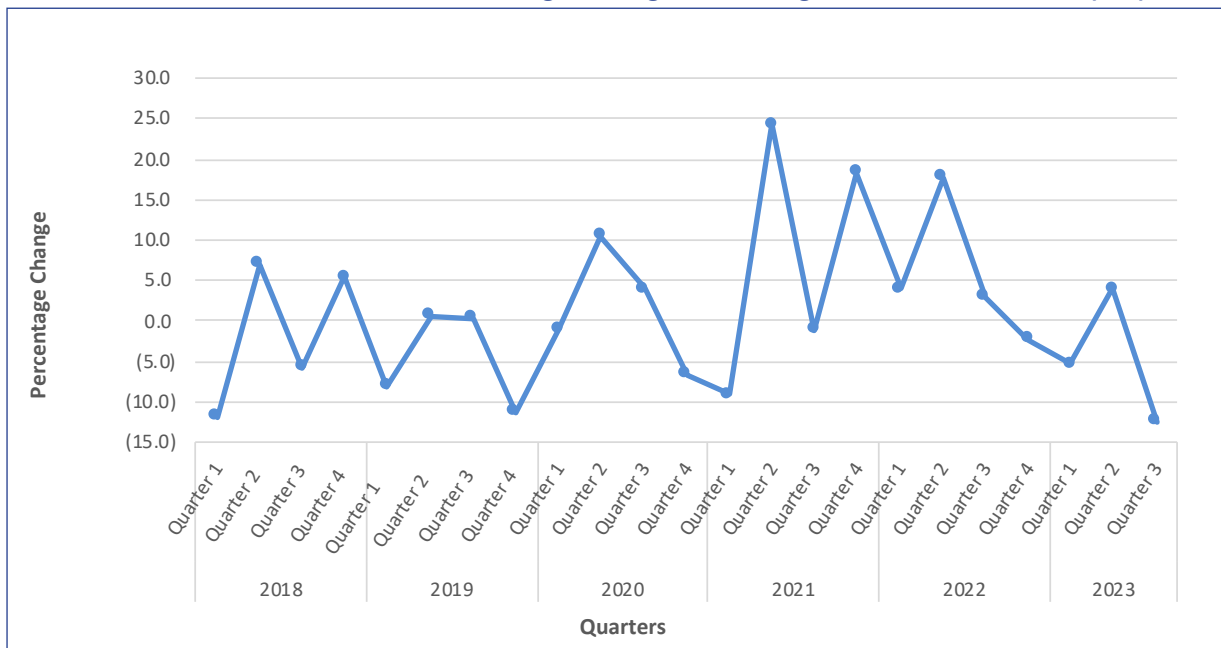


Table 1: Mining Producer Price Index (2017=100)

Year	Quarter	PPI Index	Percentage Change	
			Quarter on Quarter	Year on Year
2017	Base Period	100.0	-	-
2018	Quarter 1	88.1	(11.9)	-
	Quarter 2	94.3	7.0	
	Quarter 3	88.8	(5.8)	-
	Quarter 4	91.4	5.4	(8.6)
2019	Quarter 1	84.0	(8.1)	(4.7)
	Quarter 2	84.5	0.6	(10.4)
	Quarter 3	84.8	0.4	(4.5)
	Quarter 4	75.2	(11.3)	(17.7)
2020	Quarter 1	74.4	(1.1)	(11.5)
	Quarter 2	82.2	10.5	(2.8)
	Quarter 3	85.1	3.9	0.4
	Quarter 4	79.5	(6.6)	5.7
2021	Quarter 1	72.2	(9.1)	(2.8)
	Quarter 2	89.8	24.3	9.3
	Quarter 3	88.8	(1.1)	4.3
	Quarter 4	105.1	18.4	32.2
2022	Quarter 1	109.3	4.0	51.3
	Quarter 2	128.7	17.8	43.3
	Quarter 3	132.5	3.0	49.3
	Quarter 4	129.4	(2.3)	23.2
2023	Quarter 1	122.6	(5.3)	12.2
	Quarter 2	127.4	3.9	(1.1)
	Quarter 3	111.5	(12.5)	(15.9)

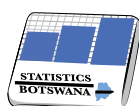
Table 2.0: Mining Producer Price Section Indices for Quarter 3, 2023 (2017=100.0)

Group		Weights	Indices		% Change
			2 nd Quarter 2023	3 rd Quarter 2023	Quarter on Quarter
	Mining	100.0	127.4	111.5	(12.5)
1.0	Diamond	94.7	123.1	108.6	(11.8)
2.0	Coal	0.9	216.7	168.8	(22.1)
3.0	Gold	1.1	285.1	208.0	(27.0)
4.0	Soda Ash	1.9	207.3	172.0	(17.0)
5.0	Salt	0.7	133.1	100.8	(24.3)
6.0	Quarry	0.7	115.6	115.6	0.0

Table 3: Utilities Producer Price Index (Water and Electricity)

Year	Quarter	PPI Index	Percentage Change	
			Quarter on Quarter	Year on Year
2017	Base Period	100,0	-	-
2018	Quarter 1	100.0	-	-
	Quarter 2	111.2	11.2	-
	Quarter 3	111.2	0.0	-
	Quarter 4	111.2	0.0	-
2019	Quarter 1	111.2	0.0	11.2
	Quarter 2	111.2	0.0	0.0
	Quarter 3	111.2	0.0	0.0
	Quarter 4	111.2	0.0	0.0
2020	Quarter 1	111.2	0.0	0.0
	Quarter 2	112.0	0.7	0.7
	Quarter 3	112.0	0.0	0.7
	Quarter 4	112.0	0.0	0.7
2021	Quarter 1	112.0	0.0	0.7
	Quarter 2	115.9	3.5	3.5
	Quarter 3	115.9	0.0	3.5
	Quarter 4	115.9	0.0	3.5
2022	Quarter 1	115.9	0.0	3.5
	Quarter 2	115.9	0.0	0.0
	Quarter 3	115.9	0.0	0.0
	Quarter 4	115.9	0.0	0.0
2023	Quarter 1	115.9	0.0	0.0
	Quarter 2	115.9	0.0	0.0
	Quarter 3	115.9	0.0	0.0

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