

PRODUCER PRICE INDEX (MINING AND UTILITIES) QUARTER 4 of 2023

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STATISTICS BOTSWANA

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(MINING AND UTILITIES)
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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 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.

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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May 2024

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1.0 COMMENTARY

1.1 Mining Producer Price Index Quarter four (4) 2023

The Mining Producer Price Index moved from 111.5 in Quarter 3 of 2023 to 135.0 in Quarter 4 of 2023, registering an increase of 21.1 percent. The increase was due to a rise in all section indices except the Gold section index, which registered a decrease of 0.7 percent and the quarry section index, which remained unchanged between the two periods. [Refer to Table 2.0](#)

The Mining Producer Price Annual Inflation rate for the fourth quarter of 2023 was 4.3 percent as opposed to -15.9 percent recorded in the third quarter of 2023. [Refer to Table 1.](#)

1.2 Utilities (Water and Electricity) Producer Price Index

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

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

Chart 1: Quarter on Quarter Percentage Change for Mining Producer Price Index (PPI) 2018 to 2023

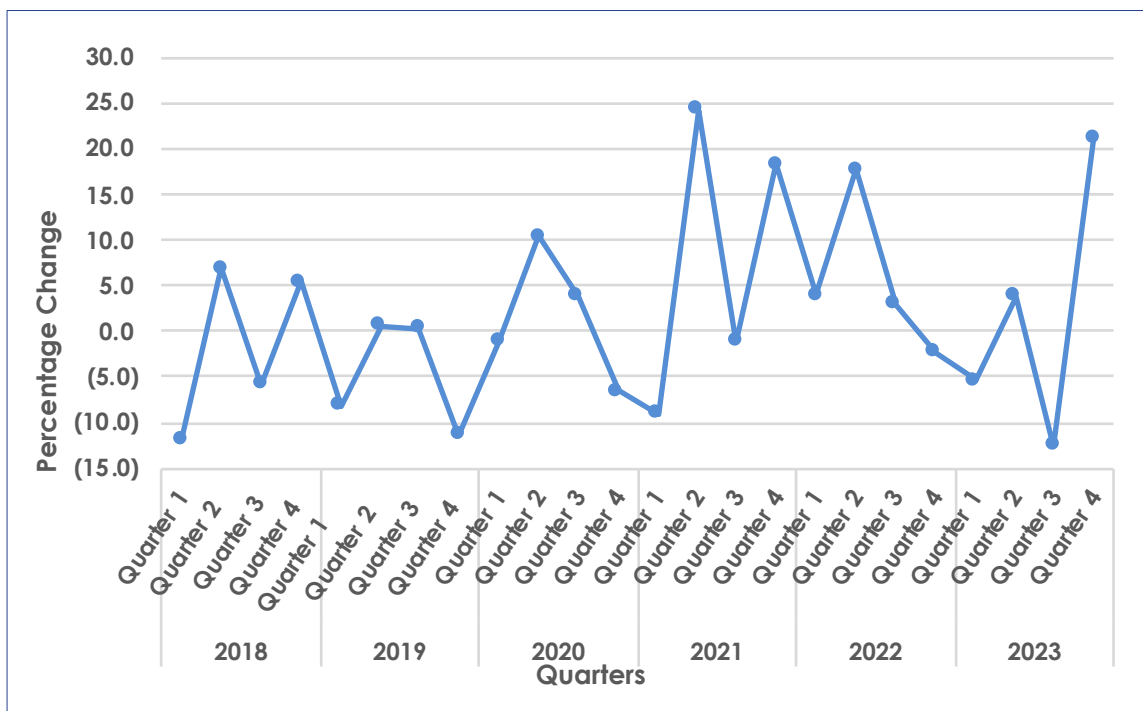


Table 1: Mining Producer Price Index (2017=100)

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)
	Quarter 4	135.0	21.1	4.3

Table 2.0: Mining Producer Price Mineral Indices (2017=100.0)

Group	Weights	Indices		% Change	
		3 rd Quarter 2023	4 th Quarter 2023	Quarter on Quarter	
1	Mining	100.0	111.5	135.0	21.1
1.0	Diamond	94.7	108.6	133.2	22.6
2.0	Coal	0.9	168.8	174.2	3.2
3.0	Gold	1.1	208.0	206.5	(0.7)
4.0	Soda Ash	1.9	172.0	182.9	6.4
5.0	Salt	0.7	100.8	105.0	4.2
6.0	Quarry	0.7	115.6	115.6	0.0

Table 3: Utilities Producer Price Index (Water and Electricity) (2017=100.0)

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
	Quarter 4	115.9	0.0	0.0



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