



# National Bureau of Statistics



Tel: +255 26-2963822  
Fax: +225 26-2963828  
E-mail : [sg@nbs.go.tz](mailto:sg@nbs.go.tz)  
Website: [www.nbs.go.tz](http://www.nbs.go.tz)

Jakaya Kikwete Road  
P. O. Box 2683  
Dodoma  
TANZANIA

## PRESS RELEASE

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### PRODUCER PRICE INDICES FOR THE QUARTER ENDING MARCH, 2021

#### Introduction

The National Bureau of Statistics hereby releases the Producer Price Index (PPI) for the first quarter January-March of 2021. The Producer Price Index measures the average change over time in the prices received by selected domestic producers for the production of their goods. A basket includes a list of selected commodities of goods that are being priced on quarterly basis. The producer prices collected as at 15<sup>th</sup> of the mid-month of every quarter that is; (Q1: January-March), (Q2: April-June), (Q3: July-September) and (Q4: October-December).

#### Weights and a Reference Period

The index weights are based on gross output derived from the 2015 Annual Survey of Industrial Production (ASIP 2015). The Producer Price Index on this release reports the indices with reference to Fourth Quarter (October-December) of the year 2018(2018Q4=100). It shows the producer price changes since December 2018 up to first quarter of 2021.

#### Classification

Industrial Classification follows the International Standard Industrial Classification of All Economic Activities (ISIC) Rev.4.

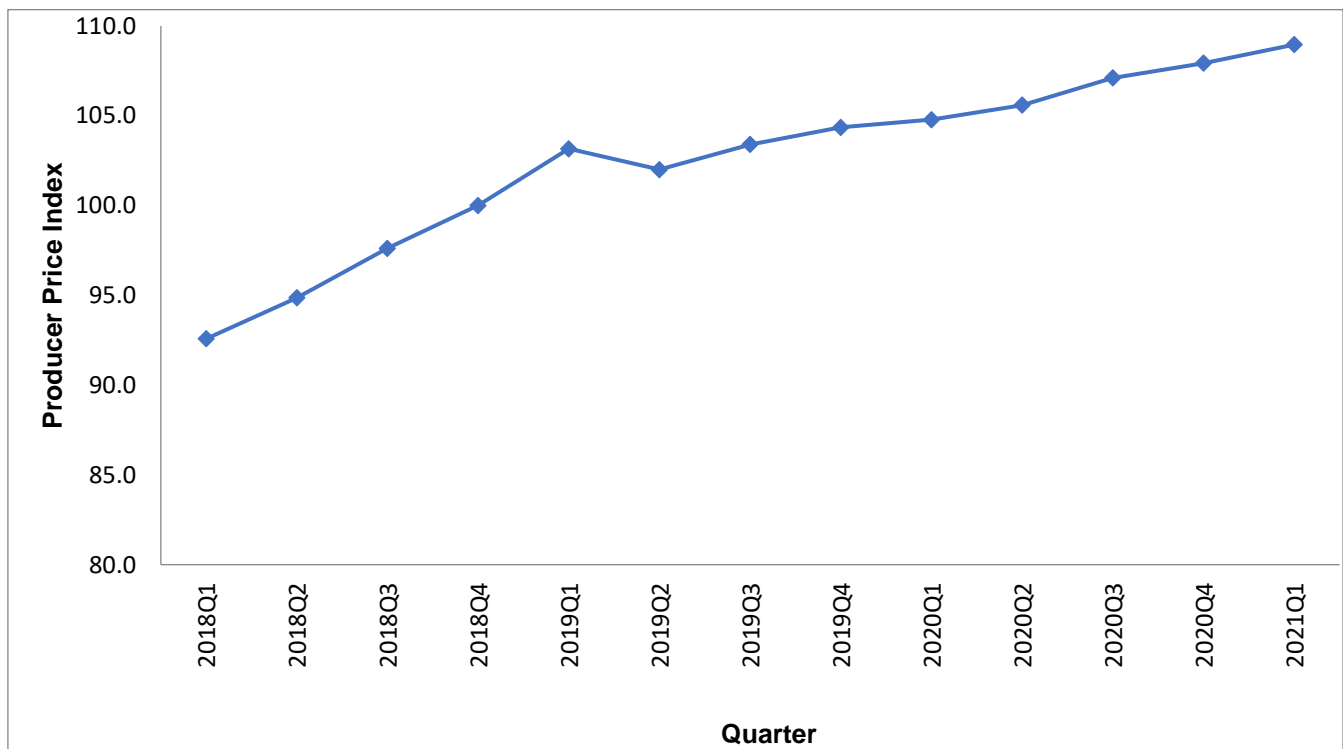
#### Methodology

In the process of deriving the structure and weights, a top-down approach was adopted in order to maximize the indirect representation of industries and items. The basket was selected and base weights were calculated from Gross Output (GO) based on The Annual Survey of Industrial Production of 2015. During the process of weights calculation, establishments with a contribution of at least 80% of Gross Output were selected in each ISIC Rev.4 Group.

A sample of establishments for inclusion in the price survey was then selected using cut-off sampling procedures.

The first level of aggregation is the class 4-digit ISIC; these indices are the un-weighted Elementary Aggregates (EA) and are being compiled using the Jevons geometric mean aggregation formula which refers to the Geometric Mean of the price relatives. The Elementary Aggregates indices are then being progressively combined with higher levels within the index structure (i.e. Group 3-digit, 2-digit division and 1-digit Section levels of the ISIC, and then the all-groups levels) using the standard base-weighted Laspeyres formula.

**Chart 1: Overall Producer Price Indices for the Quarter Ending March, 2021 (Dec 2018 = 100)**



**Table 1: Producer Price Indices by Sub-sectors and Major Groups**

ISIC Rev.4	Industrial Activity	Weight	Index (Dec 2018=100)			Percentage Change	
			Jan-Mar 2020	Oct-Dec 2020	Jan-Mar 2021	2021Q1 vs 2020Q4	2021Q1 vs 2020Q1
07	Mining of metal ores	15.7	128.5	128.6	128.5	-0.1	0.0
08	Other mining and quarrying	3.4	100.2	121.2	121.2	0.0	21.0
<b>B</b>	<b>Mining and Quarrying</b>	<b>19.1</b>	<b>123.5</b>	<b>127.3</b>	<b>127.2</b>	<b>-0.1</b>	<b>3.0</b>
10	Manufacture of food products	19.4	98.9	105.5	109.9	4.2	11.2
11	Manufacture of beverages	12	103.8	102.1	101.8	-0.2	-1.9
12	Manufacture of tobacco products	3.3	105.2	126.7	127.7	0.8	21.4
13	Manufacture of textiles	3.2	100.1	103	104	1.0	3.9
14	Manufacture of wearing apparel	0.1	100	100.2	100.2	0.0	0.2
15	Manufacture of leather and related products	0.3	104.9	100.4	99.3	-1.1	-5.4
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1.3	100.3	109.1	119.2	9.2	18.8
17	Manufacture of paper and paper products	2.3	100.5	100.6	99.2	-1.3	-1.3
18	Printing and reproduction of recorded media	1.2	97.3	96.1	96.9	0.8	-0.4
19	Manufacture of coke and refined petroleum products	0.3	95.5	97.1	99.5	2.4	4.2
20	Manufacture of chemicals and chemical products	3	100.4	98.5	98.2	-0.4	-2.3
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.4	107.2	107	107	0.0	-0.2
22	Manufacture of rubber and plastics products	2.7	93	92.4	91.3	-1.2	-1.8
23	Manufacture of other non-metallic mineral products	5.7	95.9	98.2	99	0.8	3.1
24	Manufacture of basic metals	3.2	96.9	98.3	97.9	-0.4	1.0
25	Manufacture of fabricated metal products, except machinery and equipment	0.4	102.1	102.4	103.6	1.2	1.4
26	Manufacture of computer, electronic and optical products	0.1	81.6	87.5	78.2	-10.7	-4.3
27	Manufacture of electrical equipment	0.7	99.7	105.1	108.1	2.8	8.5
28	Manufacture of machinery and equipment n.e.c.	0.004	94.7	98	98	0.0	3.4
29	Manufacture of motor vehicles, trailers and semi-trailers	0.6	92	91	91	0.0	-1.1
31	Manufacture of furniture	2.3	100	101.1	101.2	0.0	1.2
32	Other manufacturing	0.6	99.1	104.1	106.2	2.0	7.2
33	Repair and installation of machinery and equipment	0.1	112.6	112.6	107.7	-4.4	-4.4
<b>C</b>	<b>Manufacturing</b>	<b>62.8</b>	<b>99.8</b>	<b>103.2</b>	<b>104.9</b>	<b>1.6</b>	<b>5.1</b>
35	Electricity, gas, steam and air conditioning supply	17	101.8	103.4	103.4	0.0	1.6
36	Water collection, treatment and supply	1.2	109.3	110.7	111.7	0.9	2.2
<b>35&amp;36</b>	<b>Utility</b>	<b>18.1</b>	<b>102.2</b>	<b>103.8</b>	<b>103.9</b>	<b>0.1</b>	<b>1.6</b>
	<b>Overall Index</b>	<b>100</b>	<b>104.8</b>	<b>107.9</b>	<b>109.0</b>	<b>1.0</b>	<b>4.0</b>

\*Utilities includes; Electric power generation, transmission and distribution and Water collection, treatment and supply

Overall index recorded an increase of 1.0 percent from 107.9 of fourth quarter 2020 to 109.0 of first quarter 2021. An increase was attributed by Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials by 9.2 percent followed by manufacture of food products by 4.2 percent and Manufacture of electrical equipment by 2.8 percent. On the other hand, Manufacture of computer, electronic and optical products decreased by 10.7 percent followed by Repair and installation of machinery and equipment 4.4 percent and Manufacture of paper and paper products by 1.3 percent.

Looking at percentage change on the same quarter (first quarter 2020 to first quarter 2021), the overall index recorded an increase of 4.0 percent from 104.8 first quarter 2020 to 109.0 first quarter 2021. An increase was Manufacture of tobacco products by 21.4 percent followed by other mining and quarrying by 21.0 percent: and Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials by 18.8 percent. On the other hand, Manufacture of leather and related products decreased by 5.4 percent followed by Repair and installation of machinery and equipment by 4.4 percent and Manufacture of computer, electronic and optical products with a decrease of 4.3 percent.

**For more information please contact:**

Statistician General,  
National Bureau of Statistics,  
Jakaya Kikwete Road,  
P.O. Box 2683,  
Dodoma,  
**TANZANIA.**

Tel: +255 26-2963822,

Fax: +225 26-2963828,

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