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PRESS RELEASE

Our Ref: BD.50/156/01/63

Date: 21th February, 2022

PRODUCER PRICE INDICES FOR THE QUARTER ENDING DECEMBER, 2021

Introduction

The National Bureau of Statistics hereby releases the Producer Price Index (PPI) for the fourth quarter October-December 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 15th 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 fourth 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 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 December, 2021 (Dec 2018 = 100)

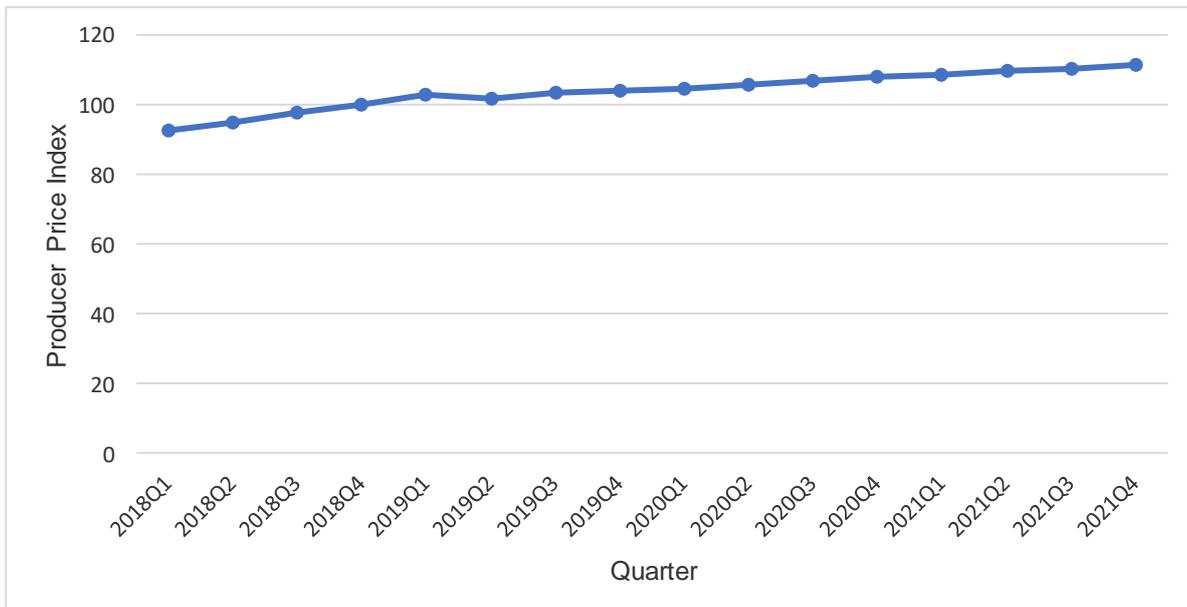


Table 1: Producer Price Indices by Sub-sectors and Major Groups

ISIC Rev.4	Industrial Activity	Weight	Index (Dec 2018=100)			Percentage Change	
			Oct-Dec 2020	July-Sept 2021	Oct-Dec 2021	2021Q4 vs 2021Q3	2021Q4 vs 2020Q4
07	Mining of metal ores	15.7	128.6	128.5	130.4	1.4	1.4
08	Other mining and quarrying	3.4	121.2	121.2	121.2	0.0	0.0
B	Mining and Quarrying	19.1	127.3	127.2	128.8	1.2	1.2
10	Manufacture of food products	19.4	105.5	114.6	116.8	1.9	10.8
11	Manufacture of beverages	12	102.1	100.2	101.7	1.5	-0.3
12	Manufacture of tobacco products	3.3	126.7	127.2	124.9	-1.8	-1.4
13	Manufacture of textiles	3.2	103.0	100.9	101.6	0.7	-1.3
14	Manufacture of wearing apparel	0.1	100.2	100.2	100.2	0.0	0.0
15	Manufacture of leather and related products	0.3	100.4	98.0	98.0	0.0	-2.3
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1.3	109.1	119.3	119.3	0.0	9.3
17	Manufacture of paper and paper products	2.3	100.6	99.1	108.2	9.2	7.6
18	Printing and reproduction of recorded media	1.2	96.1	97.9	97.2	-0.6	1.1
19	Manufacture of coke and refined petroleum products	0.3	97.1	94.6	99.6	5.2	2.6
20	Manufacture of chemicals and chemical products	3	98.5	106.6	109.1	2.4	10.7
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.4	107.0	104.8	104.8	0.0	-2.1
22	Manufacture of rubber and plastics products	2.7	92.4	100.1	99.5	-0.6	7.6
23	Manufacture of other non-metallic mineral products	5.7	98.2	97.3	99.2	2.0	1.1
24	Manufacture of basic metals	3.2	98.3	102.9	110.5	7.4	12.4
25	Manufacture of fabricated metal products, except machinery and equipment	0.4	102.4	105.7	103.7	-1.9	1.3
26	Manufacture of computer, electronic and optical products	0.1	87.5	100.4	101.2	0.8	15.6
27	Manufacture of electrical equipment	0.7	105.1	109.6	109.6	0.0	4.3
28	Manufacture of machinery and equipment n.e.c.	0.004	98.0	98.0	98.0	0.0	0.0
29	Manufacture of motor vehicles, trailers and semi-trailers	0.6	91.0	97.7	97.7	0.0	7.4
31	Manufacture of furniture	2.3	101.1	102.4	102.5	0.1	1.4
32	Other manufacturing	0.6	104.1	113.1	111.8	-1.1	7.4
33	Repair and installation of machinery and equipment	0.1	112.6	107.7	107.7	0.0	-4.4
C	Manufacturing	62.8	103.2	106.9	108.8	1.7	5.4
35	Electricity, gas, steam and air conditioning supply	17	103.4	103.4	103.4	0.0	0.0
36	Water collection, treatment and supply	1.2	110.7	111.7	111.7	0.0	0.9
35&36	Utility	18.1	103.8	103.9	103.9	0.0	0.1
	Overall Index	100	107.9	110.2	111.7	1.3	3.5

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

Overall index recorded an increase of 1.3 percent from 110.2 of Third quarter 2021 to 111.7 of the Fourth quarter 2021. An increase was attributed by Manufacture of paper and paper products by 9.2 percent followed by Manufacture of basic metals by 7.4 percent and Manufacture of coke and refined petroleum products by 5.2 percent. On the other hand, Manufacture of fabricated metal products, except machinery and equipment decreased by 1.9 percent, followed by Manufacture of tobacco products by 1.8 percent and other manufacturing decreased by 1.1 percent.

Looking at percentage change on the same quarter (fourth quarter 2020 to fourth quarter 2021), the overall index recorded an increase of 3.5 percent from 107.9 fourth quarter 2020 to 111.7 fourth quarter 2021. An increase was attributed by Manufacture of computer, electronic and optical products by 15.6 percent, followed by Manufacture of basic metals by 12.4 and Manufacture of food products by 10.8 percent. On the other hand, Repair and installation of machinery and equipment decreased by 4.4 percent followed by Manufacture of leather and related products by 2.3 percent and Manufacture of pharmaceuticals, medicinal chemical and botanical products decreased by 2.1 percent.

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