



Economic and Social Indicators

Issue No 1692

Producer Price Index-Manufacturing

3rd Quarter 2022

Released online : 20 December 2022

<https://statsmauritius.govmu.org>

Price: Rs 40.00

Statistics Mauritius
Ministry of Finance, Economic Planning and Development
Port Louis

Note: Readers are invited to make the distinction between official data which are published in the Economic and Social indicators and the analysis presented for the benefit of general readers. Differences of opinion may arise regarding the analytical part but these do not in any way, undermine the quality of the data. The Editors welcome constructive critical comments.

PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

3rd Quarter 2022

(Base year: 2018 =100)

1. Introduction

The Producer Price Index for the Manufacturing sector (PPI-M) measures pure price changes in the effective prices received by producers for that part of their output, which is sold on the domestic market (in Mauritian rupees) and therefore excludes Export Oriented Enterprises.

This issue of the Economic and Social Indicators (ESI) presents a series of monthly PPI-M for the period October 2021 to September 2022 and quarterly indices from the fourth quarter of 2020 to the third quarter of 2022. The weights for the PPI-M have been derived from the results of the 2018 Census of Economic Activities.

Indices prior to October 2021 are posted on Statistics Mauritius website in the historical series of manufacturing statistics:

https://statsmauritius.govmu.org/Pages/Statistics/By_Subject/Indices/SB_Indices.aspx

The methodology used for the computation of PPI-M is annexed.

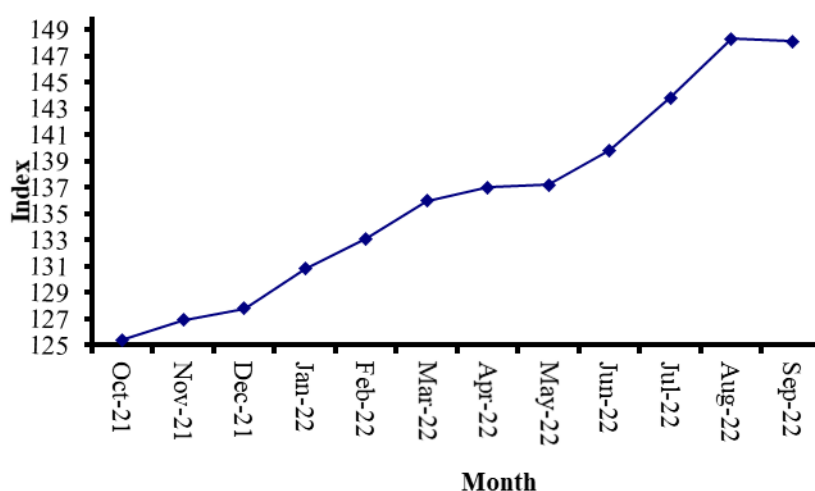
2. Changes during third quarter 2022

2.1 Manufacturing Sector

The Producer Price Index for the manufacturing sector registered an increase of 8.3 points (+5.9%) from 139.8 in June 2022 to 148.1 in September 2022. The main reason for the net increase was higher prices of “Food products and beverages” (+10.0%), “Chemicals and chemical products” (+6.5%), “Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products” (+14.8%), “Furniture” (+5.1%), “Rubber and plastic products” (+14.6%), “Printing and reproduction of recorded media” (+12.1%), partly offset by lower prices of “Fabricated metal products” (-7.7%), “Basic metal ” (-3.9%) and “Other transport equipment” (-3.0%).

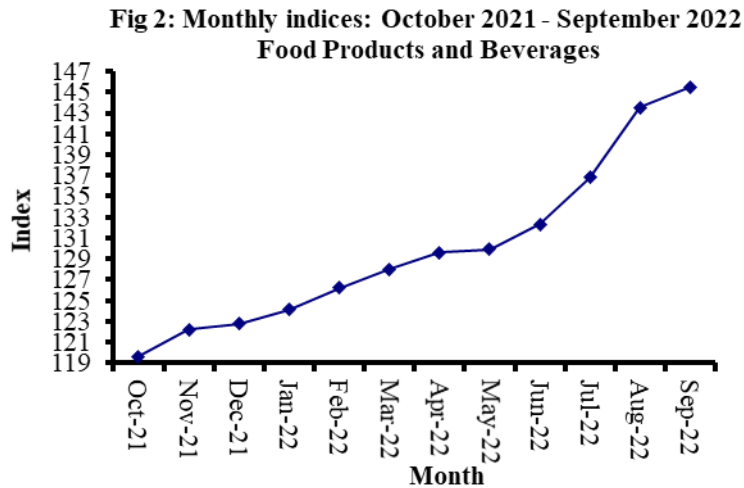
On a monthly basis, the PPI-M increased by 4.0 points (+2.9%) in July and by 4.5 points (+3.1%) in August, followed by a decrease of 0.2 point (-0.1%) in September 2022 (Table 1a).

**Fig 1: Overall monthly indices: October 2021 - September 2022
Manufacturing Sector**



2.2 Manufacture of Food Products and Beverages

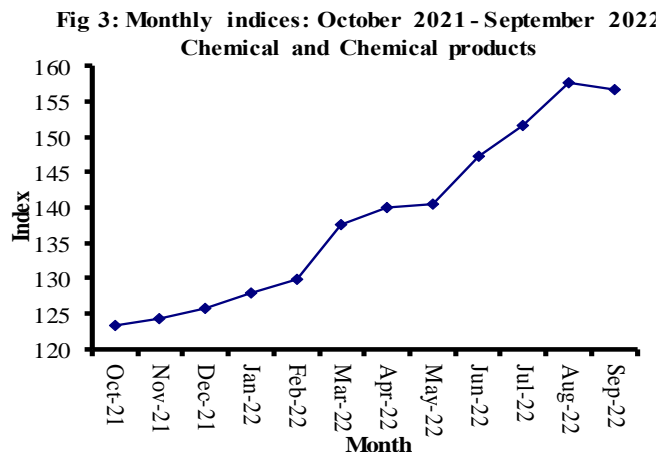
The Producer Price Index for “Food products and beverages”, which accounts for 44.7% of the total weight, registered a net increase of 13.2 points (+10.0%) from 132.3 in June 2022 to 145.5 in September 2022. This increase was mainly attributable to higher prices of “Vegetable and animal oils and fats” (+90.1%), “Processing and preserving of meat” (+10.3%), “Malt liquors and malt including non-alcoholic beer” (+6.8%), “Animal feed” (+6.9%), “Bakery products” (+8.0%), “Other food products n.e.c” of which “Spices, sauces, condiments and other food products n.e.c” (+4.4%), “Dairy products” (+10.4%) and “Processing and preserving of fruits and vegetables” (+15.4%).



On a monthly basis, the index for this activity group increased by 4.5 points (+3.4%) in July, by 6.7 points (+4.9%) in August and by 2.0 points (+1.4%) in September.

2.3 Manufacture of Chemicals and Chemical Products

The Producer Price Index for “Chemicals and Chemical Products”, which accounts for 8.9% of the total weight, registered a net increase of 9.5 points (+6.5%) from 147.2 in June 2022 to 156.7 in Sept 2022. This increase was attributable to higher prices of “Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations” (+9.2%), “Paints, varnishes and similar coatings, printing ink and mastics” (+5.7%) and “Basic chemicals” (+4.6%).



On a monthly basis, this index increased by 4.4 points (+3.0%) in July and by 6.0 points (+4.0%) in August, followed by a decrease of 0.9 point (-0.6%) in September (Table 1c).

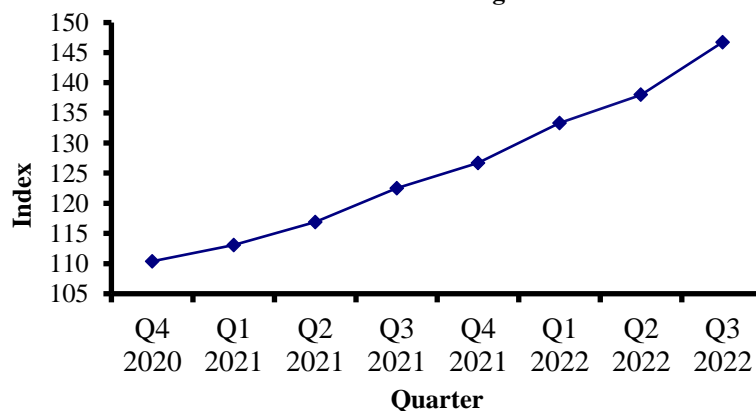
3. Change in quarterly PPI-M

3.1 Manufacturing Sector

The average PPI-M for the third quarter of 2022 stood at 146.7, i.e. an increase of 8.7 points (+6.3%) from 138.0 in the second quarter of 2022. This increase was mainly attributable to higher prices of “Food products and beverages” (+8.7%), “Chemicals and chemical products” (+8.9%), “Furniture” (+8.4%), “Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products” (+10.9%), “Rubber and plastic products” (+14.7%), partly offset by lower prices of “Fabricated metal products” (-2.2%) and “Basic metals” (-3.0%). (Table 2a).

Compared to the corresponding quarter of 2021, the average PPI-M for the third quarter of 2022 increased by 24.2 points (+19.8%), mainly explained by higher prices of “Food products and beverages” (+21.5%), “Chemicals and chemical products” (+31.8%), “Furniture” (+25.7%), “Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products” (+41.2%), “Fabricated metal products” (+10.7%), “Rubber and plastic products” (+26.1%) and “Wearing apparel” (+11.3 %).

**Fig 4: Overall quarterly indices:
4th Quarter 2020 to 3rd Quarter 2022
Manufacturing Sector**



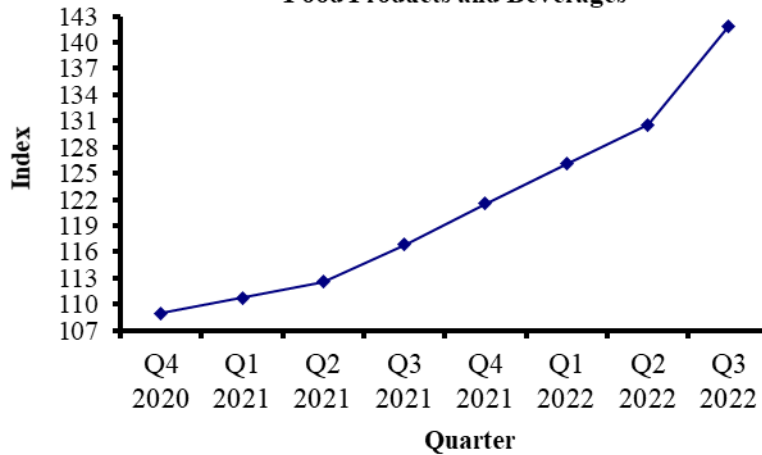
3.2 Manufacture of Food Products and Beverages

Compared to the previous quarter, the index for “Food products and beverages” increased by 11.3 points (+8.7%) in the third quarter of 2022. The index for “Food products” increased by 13.1 points (+9.5%), mainly explained by higher prices of “Vegetable and animal oils and fats” (+67.2%), “Processing and preserving of meat” (+6.8%), “Animal feed” (+5.1%), “Dairy products” (+9.0%), “Other food products n.e.c” of which “Spices, sauces, condiments and other food products n.e.c” (+4.2%), “Processing and preserving of fruits and vegetables” (+12.7%) and “Bakery products” of which “Bread/Pastries and cakes” (+3.4%). The index for beverages increased by 8.2 points (+7.0%) due to increases in the prices of “Malt liquors and malt including non alcoholic beer” (+6.8%) and “Distilled potable alcoholic beverages” (+10.4%).

Compared to the third quarter of 2021, the index for “Food products and beverages” increased by 25.1 points (+21.5%). The index for “Food products” increased by 32.5 points (+27.3%), mainly due to higher prices of “Vegetable and animal oils and fats” (+67.6%), “Animal Feed” (+36.1%), “Processing and preserving of meat” (+24.1%), “Grain mill products” (+38.2%), “Other food products n.e.c” of which “Spices, sauces, condiments and other food products n.e.c” (+23.1%). The index for “Beverages” increased

by 12.3 points (+10.9%), mainly due to higher prices of “Malt liquors and malt including non alcoholic beer” (+9.5%) and “Distilled potable alcoholic beverages” (+15.4%).

**Fig 5: Quarterly indices:
4th Quarter 2020 to 3rd Quarter 2022
Food Products and Beverages**

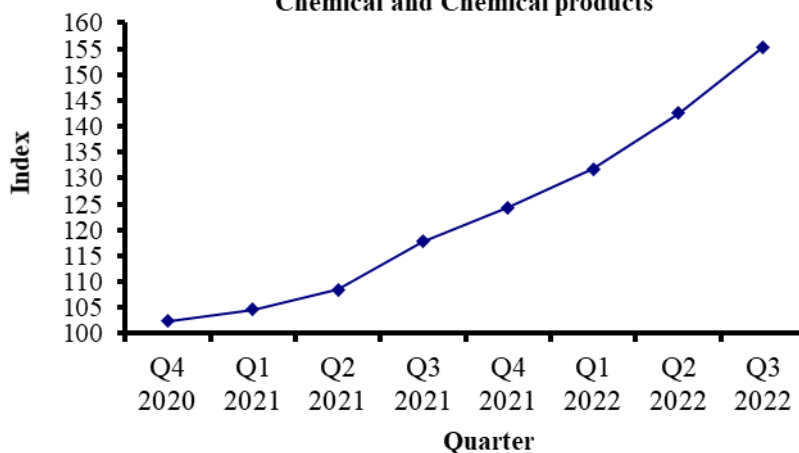


3.3 Manufacture of Chemicals and Chemical Products

Compared to the previous quarter, the index for “Chemicals and Chemical Products” increased by 12.7 points (+8.9%) in the third quarter of 2022. This increase was explained by higher prices of “Plastic products” (+14.7%), “Manufacture of fertilizers and nitrogen compounds” (+15.2%), “Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations” (+6.7%), “Basic chemicals” (+10.3%) and, “Paints, varnishes and similar coatings, printing ink and mastics” (+3.8%).

Compared to the corresponding quarter of 2021, the index for “Chemicals and Chemical Products” increased by 37.5 points (+31.8%) in the third quarter of 2022. This increase was explained by higher prices of “Manufacture of fertilizers and nitrogen compounds” (+105.7%), “Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations” (+19.6%), “Plastic products” (+26.1%), “Basic chemicals” (+28.0%) and, “Paints, varnishes and similar coatings, printing ink and mastics” (+16.3%).

**Fig 6: Quarterly indices:
4th Quarter 2020 to 3rd Quarter 2022
Chemical and Chemical products**



4. Yearly Index

The average yearly index for the manufacturing sector as a whole was 119.8 in 2021, i.e. 12.2 points (+11.3%) higher than the figure of 107.6 in 2020. The index for the “Manufacture of food products and beverages” was 115.4 in 2021 compared to 106.3 in 2020, showing an increase of 9.1 points (+8.6%). The index for the “Manufacture of chemicals and chemical products” stood at 113.8 in 2021, higher by 11.8 points (+11.6%) compared to 102.0 in 2020. The index for “Manufacture of rubber and plastic products” was 113.8 in 2021 compared to 101.3 in 2020, i.e. an increase of 12.5 points (+12.3%).

Fig 7: Yearly indices: 2018 - 2021

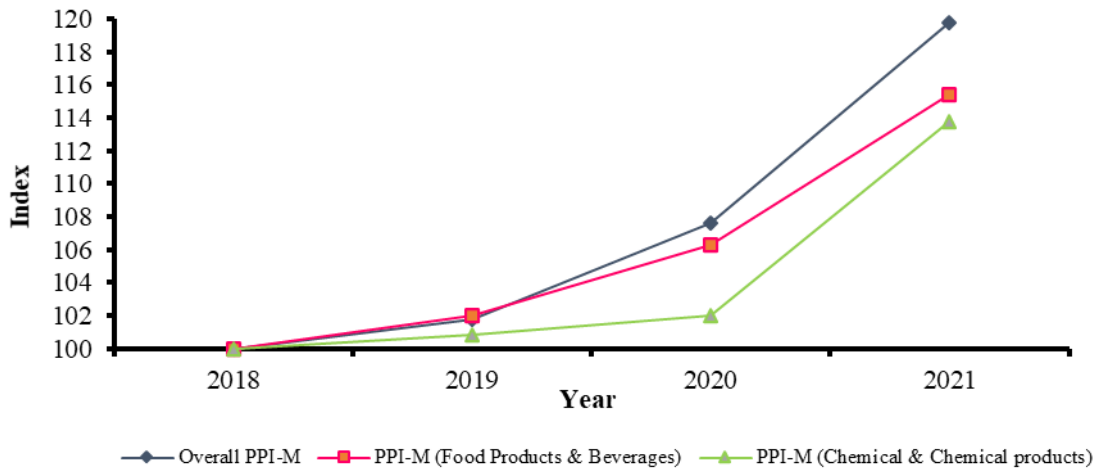


Figure 7 shows that the yearly indices for the manufacturing sector as a whole and that for “Manufacture of food products and beverages” had an upward increasing trend from 2018 to 2021. As for the “Manufacture of chemicals and chemical products”, from 2018 till 2019, the index remained nearly constant, then from 2019 till 2020, the index picked up slightly. It was as from 2020 till 2021, that the index for “Manufacture of chemicals and chemical products” increased steadily.

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20 December 2022

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Table 1(a) - Monthly indices of the Manufacturing Sector by industry group, October 2021 - September 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Percentage change from			
															Jun 22 to Jul 22	Jul 22 to Aug 22	Aug 22 to Sep 22	
10-33	Total manufacturing	1000	125.4	126.9	127.8	130.8	133.1	136.0	137.0	137.2	139.8	143.8	148.3	148.1	2.9	3.1	-0.1	
10/11	Food products and beverages	447	119.6	122.2	122.8	124.1	126.2	128.0	129.6	129.9	132.3	136.8	143.5	145.5	3.4	4.9	1.4	
13	Textiles	14	124.4	125.5	125.5	127.7	139.9	139.9	139.9	139.9	139.9	141.3	142.8	142.8	1.0	1.1	0.0	
14	Wearing apparel	47	134.6	134.6	134.6	143.7	143.8	143.8	149.7	149.7	149.7	149.7	149.7	149.7	0.0	0.0	0.0	
15	Leather and related products	4	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	145.6	145.6	145.6	14.8	0.0	0.0
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	33	128.7	128.7	136.7	138.0	139.8	154.7	154.7	154.7	155.0	159.2	178.0	178.0	2.7	11.8	0.0	
18	Printing and reproduction of recorded media	27	127.4	127.4	125.2	125.7	125.6	134.8	129.8	131.3	130.9	137.9	144.1	146.8	5.3	4.5	1.9	
20	Chemicals and chemical products	89	123.2	124.2	125.6	128.0	129.9	137.5	140.1	140.4	147.2	151.6	157.6	156.7	3.0	4.0	-0.6	
22	Rubber and plastic products	28	118.2	119.2	119.2	119.2	119.2	128.6	128.6	128.6	129.4	146.9	148.3	148.3	13.5	1.0	0.0	
23	Other non-metallic mineral products	50	110.5	110.8	111.0	112.5	112.5	112.5	112.5	112.5	112.5	117.7	117.9	117.9	4.6	0.2	0.0	
24	Basic metals	11	175.2	177.8	183.5	184.1	186.3	192.4	194.9	194.3	195.2	190.6	188.5	187.5	-2.4	-1.1	-0.5	
25	Fabricated metal products	79	139.8	139.8	139.8	155.3	155.3	156.1	156.1	156.1	156.2	156.8	156.8	144.1	0.4	0.0	-8.1	
26	Manufacture of Computer, Electronic and Optical	5	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	0.0	0.0	0.0	
27	Electrical equipment	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	
28	Machinery and equipment, n.e.c	10	175.6	175.6	175.6	175.6	184.1	184.1	184.1	184.1	184.1	184.1	184.1	184.1	0.0	0.0	0.0	
29	Motor vehicles, trailers and semi-trailers	5	142.5	163.9	173.7	173.7	173.7	191.1	191.1	203.7	203.7	203.6	203.6	203.6	0.0	0.0	0.0	
30	Other transport equipment	21	128.6	127.3	130.2	130.6	127.8	126.8	122.9	119.7	126.8	126.8	123.2	123.0	0.0	-2.8	-0.2	
31	Furniture	81	127.8	130.0	130.0	134.7	141.2	143.0	143.0	143.0	151.0	156.6	158.7	158.7	3.7	1.3	0.0	
32	Other products	47	140.4	140.4	141.9	141.8	148.8	151.4	151.4	151.4	151.4	151.9	151.9	151.9	0.3	0.0	0.0	

Table 1(b) - Monthly indices for Manufacture of Food Products & Beverages by industry group, October 2021 - September 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Percentage change from		
															Jun 22	Jul 22	Aug 22
															to Jul 22	to Aug 22	to Sep 22
10-11	Total food products & beverages	447	119.6	122.2	122.8	124.1	126.2	128.0	129.6	129.9	132.3	136.8	143.5	145.5	3.4	4.9	1.4
101-108	Food products	283	122.8	126.7	127.7	128.8	132.2	135.0	137.5	138.0	139.4	143.6	154.0	156.7	3.0	7.2	1.8
1010	Processing and preserving of meat	61	115.6	121.6	123.5	123.5	129.2	130.3	131.6	131.6	131.6	133.7	143.0	145.2	1.6	7.0	1.5
1020	Processing and preserving of fish, crustaceans & molluscs	3	110.8	114.1	114.1	114.1	114.1	114.1	117.7	117.7	129.8	129.8	133.1	134.4	0.0	2.5	1.0
1030	Processing and preserving of fruits and vegetables	11	117.8	121.3	122.6	124.8	126.7	126.7	129.4	129.4	132.0	137.1	151.0	152.3	3.9	10.1	0.9
1040	Vegetable and animal oils and fats	21	130.1	130.1	130.3	130.3	132.7	132.7	132.7	133.5	133.5	160.0	254.2	253.8	19.9	58.9	-0.2
1050	Dairy products	22	119.9	123.4	125.5	125.5	125.5	125.5	128.4	128.4	128.4	138.8	139.2	141.8	8.1	0.3	1.9
1061	Grain mill products	28	136.4	137.6	138.3	138.6	143.5	165.0	182.3	182.3	187.2	189.8	187.9	187.1	1.4	-1.0	-0.4
1071	Bakery products	43	107.8	107.8	107.8	113.2	113.2	113.2	113.3	113.3	113.3	113.3	115.2	122.4	0.0	1.7	6.3
10711	<i>Bread/Pastries and cakes</i>	18	107.2	107.2	107.2	113.2	113.2	113.2	113.2	113.2	113.2	113.2	115.2	123.0	0.0	1.8	6.8
10712																	
10713	<i>Biscuits and other dry bakery products</i>	4	113.4	113.4	113.4	113.4	113.4	113.4	114.4	114.4	114.4	114.4	114.4	115.8	0.0	0.0	1.2
1074	Macaroni, noodles, couscous and similar farinaceous products	7	101.4	101.4	101.4	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	0.0	0.0	0.0
1075	Prepared meals and dishes	2	113.2	117.0	117.0	117.0	122.4	122.4	122.4	133.6	133.6	133.6	133.6	133.6	0.0	0.0	0.0
1079	Other food products n.e.c	46	117.2	122.4	123.3	125.9	126.0	127.3	127.6	127.8	128.4	130.3	131.7	135.0	1.5	1.1	2.5
10791	<i>Tea</i>	6	129.6	129.6	137.6	140.4	140.4	140.4	140.4	140.4	145.1	145.1	145.2	145.2	0.0	0.1	0.0
10793	<i>Spices, sauces, condiments and other food products n.e.c</i>	22	128.0	140.5	141.2	141.2	141.4	144.5	145.2	145.2	145.9	150.4	151.7	152.3	3.1	0.9	0.4
10799																	
1080	Animal feed	39	138.8	140.2	140.2	140.8	150.8	150.8	150.8	153.1	156.7	155.9	160.8	167.5	-0.5	3.1	4.2
110	Beverages	164	114.0	114.3	114.3	115.9	115.9	115.9	115.9	115.9	120.0	125.0	125.5	126.1	4.2	0.4	0.5
1101	Distilled potable alcoholic beverages	48	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	124.9	127.4	127.4	127.4	2.0	0.0	0.0
1102	Wines	7	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	130.5	130.5	0.0	9.4	0.0
1103	Malt liquors and malt including non alcoholic beer	88	113.3	113.3	113.3	116.2	116.2	116.2	116.2	116.2	116.2	124.1	124.1	124.1	6.8	0.0	0.0
1104	Soft drinks, mineral waters and other bottled waters	21	122.9	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	129.7	0.0	0.0	3.5

Table 1(c) - Monthly indices for Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products by industry group, October 2021 - September 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Percentage change from		
															Jun 22 to Jul 22	Jul 22 to Aug 22	Aug 22 to Sep 22
20	Chemicals and chemical products	89	123.2	124.2	125.6	128.0	129.9	137.5	140.1	140.4	147.2	151.6	157.6	156.7	3.0	4.0	-0.6
2011	Basic chemicals	16	129.3	132.3	134.3	138.2	138.2	141.5	145.0	145.0	145.0	164.7	163.6	151.6	13.6	-0.7	-7.3
2012	Manufacture of fertilizers and nitrogen compounds	9	177.4	177.4	186.8	186.8	186.8	239.7	239.7	239.7	298.9	298.9	298.9	298.9	0.0	0.0	0.0
2022	Paints, varnishes and similar coatings, printing ink and mastics	24	108.2	108.2	108.2	114.0	121.2	121.2	121.2	121.2	121.2	121.2	128.1	128.1	0.0	5.7	0.0
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	40	114.0	114.6	114.8	117.1	119.8	122.1	124.8	125.2	126.4	127.5	136.1	138.0	0.9	6.7	1.4
22	Rubber and plastic products	28	118.2	119.2	119.2	119.2	119.2	128.6	128.6	128.6	129.4	146.9	148.3	148.3	13.5	1.0	0.0
2220	Plastic products	28	118.2	119.2	119.2	119.2	119.2	128.6	128.6	128.6	129.4	146.9	148.3	148.3	13.5	1.0	0.0

Table 2(a) - Quarterly & yearly indices of the Manufacturing sector by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	2020		2021					2022		
			4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.
10-33	Total manufacturing	1000	110.4	107.6	113.1	116.9	122.5	126.7	119.8	133.3	138.0	146.7
10/11	Food products and beverages	447	109.0	106.3	110.7	112.6	116.8	121.5	115.4	126.1	130.6	141.9
13	Textiles	14	112.6	109.2	112.6	114.4	121.3	125.1	118.4	135.8	139.9	142.3
14	Wearing apparel	47	118.5	115.8	126.7	127.2	134.5	134.6	130.8	143.8	149.7	149.7
15	Leather and related products	4	114.1	112.6	118.6	119.2	122.5	126.8	121.8	126.8	126.8	145.6
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	33	110.3	107.3	112.7	117.3	121.6	131.4	120.8	144.2	154.8	171.7
18	Printing and reproduction of recorded media	27	107.3	103.3	123.3	133.2	125.8	126.7	127.3	128.7	130.7	142.9
20	Chemicals and chemical products	89	102.4	102.0	104.7	108.5	117.8	124.3	113.8	131.8	142.6	155.3
22	Rubber and plastic products	28	102.6	101.3	106.2	113.0	117.2	118.9	113.8	122.3	128.9	147.8
23	Other non-metallic mineral products	50	107.3	106.1	107.3	107.5	110.3	110.8	109.0	112.5	112.5	117.8
24	Basic metals	11	105.7	101.0	118.7	135.9	156.9	178.8	147.6	187.6	194.8	188.9
25	Fabricated metal products	79	119.9	113.3	120.7	129.1	137.8	139.8	131.9	155.6	156.1	152.6
26	Manufacture of Computer, Electronic and Optical Products	5	109.3	109.3	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6
27	Electrical equipment	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28	Machinery and equipment, n.e.c	10	102.9	101.1	109.9	114.7	165.3	175.6	141.4	181.3	184.1	184.1
29	Motor vehicles, trailers and semi-trailers	5	115.6	119.4	115.6	115.6	136.3	160.0	131.9	179.5	199.5	203.6
30	Other transport equipment	21	121.9	114.3	125.5	127.9	129.2	128.7	127.8	128.4	123.1	124.3
31	Furniture	81	109.0	107.6	111.8	120.5	125.7	129.3	121.8	139.6	145.7	158.0
32	Other products	47	123.8	118.1	127.4	132.0	138.5	140.9	134.7	147.3	151.4	151.9

Table 2(b) - Quarterly & yearly indices for the Manufacturing of Food Products & Beverages by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	2020		2021					2022		
			4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.
10-11	Total food products & beverages	447	109.0	106.3	110.7	112.6	116.8	121.5	115.4	126.1	130.6	141.9
101-108	Food products	283	109.6	107.3	112.2	114.7	118.9	125.7	117.9	132.0	138.3	151.4
1010	Processing and preserving of meat	61	107.1	104.5	107.2	107.8	113.3	120.2	112.1	127.7	131.6	140.6
1020	Processing and preserving of fish, crustaceans & molluscs	3	109.2	106.4	109.2	109.2	109.2	113.0	110.2	114.1	121.7	132.4
1030	Processing and preserving of fruits and vegetables	11	111.7	107.6	114.6	116.6	117.5	120.6	117.3	126.1	130.3	146.8
1040	Vegetable and animal oils and fats	21	103.3	97.6	119.0	129.5	132.9	130.2	127.9	131.9	133.2	222.7
1050	Dairy products	22	105.3	105.3	108.6	112.1	119.0	122.9	115.7	125.5	128.4	139.9
1061	Grain mill products	28	127.4	125.9	127.7	130.4	136.3	137.4	133.0	149.0	183.9	188.3
1071	Bakery products	43	103.7	103.0	103.7	104.0	107.5	107.8	105.8	113.2	113.3	117.0
10711/ 10712	<i>Bread/Pastries and cakes</i>	18	103.8	103.2	103.8	104.1	107.1	107.2	105.6	113.2	113.2	117.1
10713	<i>Biscuits and other dry bakery products</i>	4	103.3	102.3	103.3	103.3	111.8	113.4	108.0	113.4	114.4	114.9
1074	Macaroni, noodles, couscous and similar farinaceous products	7	100.7	100.5	100.7	100.7	101.4	101.4	101.1	102.5	102.5	102.5
1075	Prepared meals and dishes	2	108.7	103.6	108.7	108.7	108.7	115.7	110.5	120.6	129.9	133.6
1079	Other food products n.e.c	46	109.7	107.4	110.5	111.7	115.0	121.0	114.6	126.4	127.9	132.3
10791	<i>Tea</i>	6	128.1	125.6	129.6	129.6	129.6	132.3	130.3	140.4	142.0	145.2
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	22	114.9	110.6	116.5	119.0	123.1	136.6	123.8	142.4	145.4	151.5
1080	Animal feed	39	105.5	104.0	111.2	115.6	118.6	139.7	121.3	147.5	153.5	161.4
110	Beverages	164	108.0	104.7	108.0	108.8	113.2	114.2	111.1	115.9	117.3	125.5
1101	Distilled potable alcoholic beverages	48	101.3	101.2	101.4	103.1	110.4	110.7	106.4	110.7	115.4	127.4
1102	Wines	7	108.0	104.3	108.0	109.3	115.2	119.3	113.0	119.3	119.3	126.8
1103	Malt liquors and malt including non alcoholic beer	88	110.6	106.2	110.6	110.6	113.3	113.3	112.0	116.2	116.2	124.1
1104	Soft drinks, mineral waters and other bottled waters	21	112.9	106.6	113.0	114.9	118.7	124.5	117.8	125.3	125.3	126.8

Table 2(c) - Quarterly & yearly indices for the Manufacture of Chemicals and Chemical Products & Rubber and Plastic products, by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	2020		2021					2022		
			4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Year Average	1st Qr.	2nd Qr.	3rd Qr.
20	Chemicals and chemical products	89	102.4	102.0	104.7	108.5	117.8	124.3	113.8	131.8	142.6	155.3
2011	Basic chemicals	16	92.3	94.1	102.0	114.5	125.0	132.0	118.4	139.3	145.0	160.0
2012	Manufacture of fertilizers and nitrogen compounds	9	100.0	100.0	100.0	100.0	145.3	180.5	131.5	204.4	259.4	298.9
2022	Paints, varnishes and similar coatings, printing ink and mastics	24	103.6	103.1	103.6	104.5	108.2	108.2	106.1	118.8	121.2	125.8
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	40	105.3	104.4	106.1	108.1	112.0	114.5	110.2	119.7	125.5	133.9
22	Rubber and plastic products	28	102.6	101.3	106.2	113.0	117.2	118.9	113.8	122.3	128.9	147.8
2220	Plastic products	28	102.6	101.3	106.2	113.0	117.2	118.9	113.8	122.3	128.9	147.8

Table 3(a) - Quarterly percentage change of the Manufacturing Sector by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Percentage changes from previous quarter				Percentage changes from corresponding quarter of previous year			
			3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	4th Qr 20 to 4th Qr 21	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
10-33	Total manufacturing	1000	+ 3.4	+ 5.2	+ 3.5	+ 6.3	+ 14.8	+ 17.9	+ 18.0	+ 19.8
10/11	Food products and beverages	447	+ 4.0	+ 3.8	+ 3.6	+ 8.7	+ 11.5	+ 13.9	+ 16.0	+ 21.5
13	Textiles	14	+ 3.1	8.6	+ 3.0	+ 1.7	+ 11.1	+ 20.6	+ 22.3	+ 17.3
14	Wearing apparel	47	+ 0.1	+ 6.8	+ 4.1	+ 0.0	+ 13.6	+ 13.5	+ 17.7	+ 11.3
15	Leather and related products	4	+ 3.5	0.0	0.0	+ 14.8	+ 11.1	+ 6.9	+ 6.4	+ 18.9
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	33	+ 8.1	+ 9.7	+ 7.4	+ 10.9	+ 19.1	+ 28.0	+ 32.0	+ 41.2
18	Printing and reproduction of recorded media	27	+ 0.7	+ 1.6	+ 1.6	+ 9.3	+ 18.1	+ 4.4	- 1.9	+ 13.6
20	Chemicals and chemical products	89	+ 5.5	+ 6.0	+ 8.2	+ 8.9	+ 21.4	+ 25.9	+ 31.4	+ 31.8
22	Rubber and plastic products	28	+ 1.5	+ 2.9	+ 5.4	+ 14.7	+ 15.9	+ 15.2	+ 14.1	+ 26.1
23	Other non-metallic mineral products	50	+ 0.5	+ 1.5	0.0	+ 4.7	+ 3.3	+ 4.8	+ 4.7	+ 6.8
24	Basic metals	11	+ 14.0	+ 4.9	+ 3.8	- 3.0	+ 69.2	+ 58.0	+ 43.3	+ 20.4
25	Fabricated metal products	79	+ 1.5	+ 11.3	+ 0.3	- 2.2	+ 16.6	+ 28.9	+ 20.9	+ 10.7
26	Manufacture of Computer, Electronic and Optical Products	5	0.0	0.0	0.0	0.0	+ 3.0	0.0	0.0	0.0
27	Electrical equipment	2	+ 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Machinery and equipment, n.e.c	10	+ 6.2	+ 3.2	+ 1.5	0.0	+ 70.7	+ 65.0	+ 60.5	+ 11.4
29	Motor vehicles, trailers and semi-trailers	5	+ 17.4	+ 12.2	+ 11.1	+ 2.1	+ 38.4	+ 55.3	+ 72.6	+ 49.4
30	Other transport equipment	21	- 0.4	- 0.2	- 4.1	+ 1.0	+ 5.6	+ 2.3	- 3.8	- 3.8
31	Furniture	81	+ 2.9	+ 8.0	+ 4.4	+ 8.4	+ 18.6	+ 24.9	+ 20.9	+ 25.7
32	Other products	47	+ 1.7	+ 4.5	+ 2.8	+ 0.3	+ 13.8	+ 15.6	+ 14.7	+ 9.7

Table 3(b) - Quarterly percentage change for Manufacture of Food Products & Beverages by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Percentage changes from previous quarter				Percentage changes from corresponding quarter of previous year			
			3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	4th Qr 20 to 4th Qr 21	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
10-11	Total food products & beverages	447	+ 4.0	+ 3.8	+ 3.6	+ 8.7	+ 11.5	+ 13.9	+ 16.0	+ 21.5
101-108	Food products	283	+ 5.7	+ 5.0	+ 4.8	+ 9.5	+ 14.7	+ 17.6	+ 20.6	+ 27.3
1010	Processing and preserving of meat	61	+ 6.1	+ 6.2	+ 3.1	+ 6.8	+ 12.2	+ 19.1	+ 22.1	+ 24.1
1020	Processing and preserving of fish, crustaceans & molluscs	3	+ 3.5	+ 1.0	+ 6.7	+ 8.8	+ 3.5	+ 4.5	+ 11.4	+ 21.2
1030	Processing and preserving of fruits and vegetables	11	+ 2.6	+ 4.6	+ 3.3	+ 12.7	+ 8.0	+ 10.0	+ 11.7	+ 24.9
1040	Vegetable and animal oils and fats	21	- 2.0	+ 1.3	+ 1.0	+ 67.2	+ 26.0	+ 10.8	+ 2.9	+ 67.6
1050	Dairy products	22	+ 3.3	+ 2.1	+ 2.3	+ 9.0	+ 16.7	+ 15.6	+ 14.5	+ 17.6
1061	Grain mill products	28	+ 0.8	+ 8.4	+ 23.4	+ 2.4	+ 7.8	+ 16.7	+ 41.0	+ 38.2
1071	Bakery products	43	+ 0.3	+ 5.0	+ 0.1	+ 3.3	+ 4.0	+ 9.2	+ 8.9	+ 8.8
10711/ 10712	<i>Bread/Pastries and cakes</i>	18	+ 0.1	+ 5.6	0.0	+ 3.4	+ 3.3	+ 9.1	+ 8.7	+ 9.3
10713	<i>Biscuits and other dry bakery products</i>	4	+ 1.4	0.0	+ 0.9	+ 0.4	+ 9.8	+ 9.8	+ 10.7	+ 2.8
1074	Macaroni, noodles, couscous and similar farinaceous products	7	0.0	+ 1.1	0.0	0.0	+ 0.7	+ 1.8	+ 1.8	+ 1.1
1075	Prepared meals and dishes	2	+ 6.4	+ 4.2	+ 7.7	+ 2.8	+ 6.4	+ 10.9	+ 19.5	+ 22.9
1079	Other food products n.e.c	46	+ 5.2	+ 4.5	+ 1.2	+ 3.4	+ 10.3	+ 14.4	+ 14.5	+ 15.0
10791	<i>Tea</i>	6	+ 2.1	+ 6.1	+ 1.1	+ 2.3	+ 3.3	+ 8.3	+ 9.6	+ 12.0
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	22	+ 11.0	+ 4.2	+ 2.1	+ 4.2	+ 18.9	+ 22.2	+ 22.2	+ 23.1
1080	Animal feed	39	+ 17.8	+ 5.6	+ 4.1	+ 5.1	+ 32.4	+ 32.6	+ 32.8	+ 36.1
110	Beverages	164	+ 0.9	+ 1.5	+ 1.2	+ 7.0	+ 5.7	+ 7.3	+ 7.8	+ 10.9
1101	Distilled potable alcoholic beverages	48	+ 0.3	0.0	+ 4.2	+ 10.4	+ 9.3	+ 9.2	+ 11.9	+ 15.4
1102	Wines	7	+ 3.6	0.0	0.0	+ 6.3	+ 10.5	+ 10.5	+ 9.1	+ 10.1
1103	Malt liquors and malt including non alcoholic beer	88	0.0	+ 2.6	0.0	+ 6.8	+ 2.4	+ 5.1	+ 5.1	+ 9.5
1104	Soft drinks, mineral waters and other bottled waters	21	+ 4.9	+ 0.6	0.0	+ 1.2	+ 10.3	+ 10.9	+ 9.1	+ 6.8

Table 3(c) - Quarterly percentage change for Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products by industry group, 4th Quarter 2020 - 3rd Quarter 2022

Base period: Year 2018=100

NSIC	Industry group	Weight	Percentage changes from previous quarter				Percentage changes from corresponding quarter of previous year			
			3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	4th Qr 20 to 4th Qr 21	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
20	Chemicals and chemical products	89	+ 5.5	+ 6.0	+ 8.2	+ 8.9	+ 21.4	+ 25.9	+ 31.4	+ 31.8
2011	Basic chemicals	16	+ 5.6	+ 5.5	+ 4.1	+ 10.3	+ 43.0	+ 36.6	+ 26.6	+ 28.0
2012	Manufacture of fertilizers and nitrogen compounds	9	+ 24.2	+ 13.2	+ 26.9	+ 15.2	+ 80.5	+ 104.4	+ 159.4	+ 105.7
2022	Paints, varnishes and similar coatings, printing ink and mastics	24	0.0	9.8	+ 2.0	+ 3.8	+ 4.4	+ 14.7	+ 16.0	+ 16.3
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	40	+ 2.2	+ 4.5	+ 4.8	+ 6.7	+ 8.7	+ 12.8	+ 16.1	+ 19.6
22	Rubber and plastic products	28	+ 1.5	+ 2.9	+ 5.4	+ 14.7	+ 15.9	+ 15.2	+ 14.1	+ 26.1
2220	Plastic products	28	+ 1.5	+ 2.9	+ 5.4	+ 14.7	+ 15.9	+ 15.2	+ 14.1	+ 26.1

Table 4(a) - Comparative monthly and quarterly indices of the Manufacturing Sector, January 2013 - September 2022

Base period: Year 2018=100

Month	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
January	91.0	92.4	93.8	93.8	96.3	98.8	101.0	103.2	111.9	130.8
February	92.2	92.4	93.7	93.7	96.1	99.1	101.2	104.0	112.8	133.1
March	92.3	92.6	94.2	94.2	96.4	99.7	101.4	104.4	114.7	136.0
Average 1st Quarter	91.8	92.5	93.9	93.9	96.3	99.2	101.2	103.9	113.1	133.3
April	92.3	92.7	94.0	94.1	96.3	99.6	101.2	104.6	115.6	137.0
May	92.2	92.7	94.1	94.2	96.3	99.7	101.3	106.8	116.7	137.2
June	92.1	92.9	94.3	94.3	97.0	99.9	101.9	107.9	118.3	139.8
Average 2nd Quarter	92.2	92.8	94.1	94.2	96.5	99.7	101.5	106.4	116.9	138.0
July	92.4	92.8	94.4	94.9	97.1	100.0	102.1	109.0	121.4	143.8
August	92.4	92.6	95.1	94.9	97.1	100.3	102.2	109.6	122.5	148.3
September	92.3	92.6	95.4	95.1	97.2	100.6	102.1	109.9	123.7	148.1
Average 3rd Quarter	92.4	92.7	95.0	95.0	97.1	100.3	102.1	109.5	122.5	146.7
October	92.4	92.7	95.5	95.7	97.3	100.7	102.2	110.2	125.4	
November	93.2	92.6	95.6	96.3	98.1	100.6	102.3	110.3	126.9	
December	92.7	92.3	95.5	96.3	98.0	100.8	102.4	110.7	127.8	
Average 4th Quarter	92.8	92.5	95.5	96.1	97.8	100.7	102.3	110.4	126.7	
Yearly average	92.3	92.6	94.6	94.8	96.9	100.0	101.8	107.6	119.8	
Annual change (%)		+0.3	+2.2	+0.2	+2.2	+3.2	+1.8	+5.7	+11.3	

Table 4(b) - Comparative monthly and quarterly indices for Manufacture of Food Products & Beverages, January 2013 - September 2022

Base period: Year 2018=100

Month	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
January	90.1	93.0	93.1	93.1	96.0	98.2	101.0	103.0	109.6	124.1
February	92.2	92.5	92.8	92.9	95.9	98.9	101.5	103.7	110.7	126.2
March	92.4	92.5	93.5	93.6	95.9	99.3	101.9	104.1	111.7	128.0
Average 1st Quarter	91.6	92.7	93.1	93.2	95.9	98.8	101.5	103.6	110.7	126.1
April	92.6	92.6	93.5	92.6	95.9	99.5	101.7	104.4	111.7	129.6
May	92.6	92.6	93.4	92.7	96.0	99.7	101.9	104.6	112.0	129.9
June	92.6	92.9	93.7	93.0	97.3	99.8	102.0	105.3	114.0	132.3
Average 2nd Quarter	92.6	92.7	93.5	92.8	96.4	99.7	101.9	104.8	112.6	130.6
July	92.8	92.9	93.8	93.4	97.0	100.2	102.1	107.3	116.7	136.8
August	92.7	92.7	94.4	93.7	97.1	100.5	102.1	108.1	116.6	143.5
September	92.6	92.9	94.9	94.1	97.2	100.9	102.2	108.4	117.1	145.5
Average 3rd Quarter	92.7	92.8	94.4	93.7	97.1	100.5	102.1	107.9	116.8	141.9
October	92.3	93.0	95.0	95.3	97.3	101.0	102.3	108.7	119.6	
November	93.9	93.0	95.2	96.2	97.3	101.0	102.4	108.9	122.2	
December	93.5	92.4	95.1	96.2	97.1	101.0	102.4	109.4	122.8	
Average 4th Quarter	93.3	92.8	95.1	95.9	97.3	101.0	102.4	109.0	121.5	
Yearly average	92.5	92.8	94.0	93.9	96.7	100.0	102.0	106.3	115.4	
Annual change (%)		+0.3	+1.3	-0.1	+3.0	+3.4	+2.0	+4.2	+8.6	

Producer Price Index – Manufacturing (PPI-M)

Methodology for the computation of the PPI-M

1. Definition

The Producer Price Index (PPI-M) measures changes in the effective prices received by producers in the manufacturing sector for that part of their output, which is sold on the domestic market. It reflects the price trends of a fixed basket of goods representative of the output of Non-Export Oriented Enterprises (Non EOE).

The concepts and definitions of the PPI-M largely follow the guidelines provided in the “IMF Producer Price Index Manual Theory and Practice”.

2. Scope

The PPI-M covers both large and small manufacturing establishments falling within divisions 10 to 33 of the National Standard Industrial Classification Rev.2 (NSIC Rev.2), which is an adapted version of the International Standard Industrial Classification (ISIC) Rev.4. The establishments are classified under 24 divisions, 71 groups, 137 classes and 240 sub-classes.

The following divisions have been excluded for reasons given in brackets:

- a) Division 12: Manufacture of tobacco products (no longer manufactured in Mauritius)
- b) Division 19: Manufacture of coke and refined petroleum products (weight in the overall index is not significant)
- c) Division 21: Manufacture of basic pharmaceutical products and pharmaceutical preparations (weight in the overall index is not significant and change of products is too dynamic)
- d) Division 33: Repair and installation of machinery and equipment (weight in the overall index is not significant and change of products is too dynamic)

However, Division 26: Manufacture of computer, electronic and optical products has been included in the current basket mainly because its weight in the overall index is significant.

The activities covered by the index represent around 97% of the gross output generated by the Non-EOE manufacturing sector during year 2018.

3. Frame

A list of all large establishments (engaging 10 or more persons) falling under the scope of the PPI-M was obtained from the 2018 Census of Economic Activities (CEA 2018). For small

establishments (engaging less than 10 persons), the list of respondents at the CEA 2018 was used.

4. Selection of establishments (producers)

A sample of 126 large establishments was selected from the list of large manufacturing establishments. Those establishments were the most important ones in terms of Gross Output (GO) in their respective 5-digit sub-class.

Small establishments selected for price collection were those engaged in the manufacture of wearing apparel, fabricated metal products and wooden furniture, as these activities were the most important ones performed by small manufacturing establishments. A sample of 5 establishments was selected from the list of small manufacturing establishments.

Output of the selected establishments represented around 63% of the total GO generated by all establishments falling within the scope of the PPI-M.

5. Selection of products to be priced

Some 500 products have been selected for pricing. These are the most important ones in terms of contribution to the gross output or turnover of the selected establishments.

6. Price collection

Prices collected refer to the prices received by producers for the sale of their products on the local market. The prices exclude all taxes on products, namely excise duty and value added tax (VAT).

As from January 2018, prices are collected on a monthly basis and provisional monthly indices are compiled. The overall PPI-M on a monthly basis is published according to SDDS requirements.

For revised monthly and quarterly indices at division level and in some specific cases at even lower level, the selected establishments are visited on a quarterly basis and prices of the selected products are collected for each month of the reference quarter.

7. Updating of weights

7.1 Historical background

Statistics Mauritius first published a Producers Price Index limited to the “Manufacturing of food products, beverages and tobacco” in March 1994 with 1993 as base period (1993 = 100). The index was revised in June 2002 to cover all relevant industry groups of the former Non-EPZ manufacturing sector, based on the results of the 1997 Census of Economic Activities. The base period was 1998. The base year was subsequently revised to 2003, 2007 and 2013, based on the results of the 2002, 2007 and 2013 rounds of the Census of Economic Activities.

The current basket of goods has been updated based on the results of the 2018 Census of Economic Activities and the index is computed with year 2018 as base period.

8. Index calculation

The PPI-M is computed according to the Laspeyres Formula.

The formula used is given below

$$I_c = \frac{\sum W_i * \left(\frac{P_{ci}}{P_{oi}}\right)}{\sum W_i} * 100$$

Where I_c = Index for current month

W_i = Weight associated with product i

P_{ci} = Price of product i for the current month

P_{oi} = Price for product i for the base period (2018)

The PPI-M is calculated at the 5-digit sub-class level of the NSIC Rev.2 by the above formula. The lowest level indices are determined as a geometric average of the price relatives of the basic observations. Indices at the division level (2-digit code) are then derived as a weighted average of the indices of the products falling within each division. Finally, the overall index is obtained as a weighted average of the division indices.

9. Uses of PPI

- a) The PPI is a leading indicator of the future status of inflation. Movement of PPI is usually indicative of a similar change of part of the Consumer Price Index (CPI). PPI can also be used in the economic analysis of inflation transmission process.
- b) It provides specific price deflators for the computation of national accounts at constant prices in order to measure real growth
- c) It is helpful in the formulation of contract agreement. It can be used as an escalation clause to protect buyers and sellers against inflation or deflation.
- d) PPI is also used in econometric models, in forecasting and in inventory accounting.

10. Missing prices

In case of temporarily missing prices for products, imputation is carried out as per International Monetary Fund's recommendations.

11. Treatment of product permanently disappeared

Products may disappear permanently for various reasons. The products may disappear from the market because new products have been introduced or the establishments from which the

price has been collected have stopped selling the product. When a product disappears permanently, a replacement product of a similar nature will be included in the index.

12. Treatment of quality change

The index is a measure of only “PURE” price changes and should as far as possible measure the price changes of the same products. Hence, the products must not be affected by quality change. If the change is due to quality, an estimate of the proportion of the change attributed to the quality element is made and adjustment done accordingly.

13. Reliability of the PPI-M

The statistical accuracy of the PPI-M depends heavily on the quality of information provided by the selected establishments (respondents). This office places great emphasis on the need for reporting effective selling prices, i.e. prices after discounts and other price deductions rather than the list or catalogue prices.

Standard editing procedures are used to validate the accuracy and reliability of the data. Collected prices are validated during the field work and inconsistencies discussed with the respondents and corrected.

Further computer checks are made at office level when compiling the indices. Comparison is also made with the CPI and with the import/export price indices. Systematic analyzes of the source data are made in the context of weight and base year revisions that occur every five years.

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