

PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

4th Quarter 2014

(Base year: 2007 =100)

1. Introduction

The Producer Price Index of 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 Economic and Social Indicators (ESI) presents a series of monthly and quarterly PPI-M for the period January 2014 to December 2014. The weights for the PPI-M have been derived from the results of the 2007 Census of Economic Activities and the index is computed with the year 2007 as base period (2007 = 100). Indices prior to January 2014 are posted on Statistics Mauritius website in the historical series of manufacturing statistics.

The link to the series is <http://statsmauritius.govmu.org/English/StatsbySubj/Pages/Manufacturing.aspx>

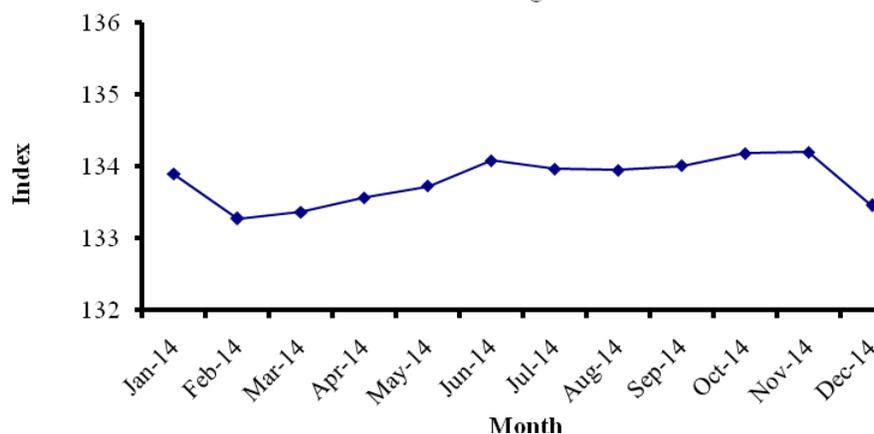
The methodology used and the weight structure are given in the technical notes at Annex.

2. Changes during fourth quarter 2014

2.1 Manufacturing Sector

The Producer Price Index for the manufacturing sector registered a decrease of 0.5 point (-0.4%) from 134.0 in September 2014 to 133.5 in December 2014. The main reason for the net decrease was lower prices of “Rubber and plastic products” (-1.1%) and “Food products and beverages” (-0.6%), partly offset by higher prices of “Printing and reproduction of recorded media” (+1.1%).

Fig 1: Overall monthly indices January 2014- December 2014
Manufacturing Sector

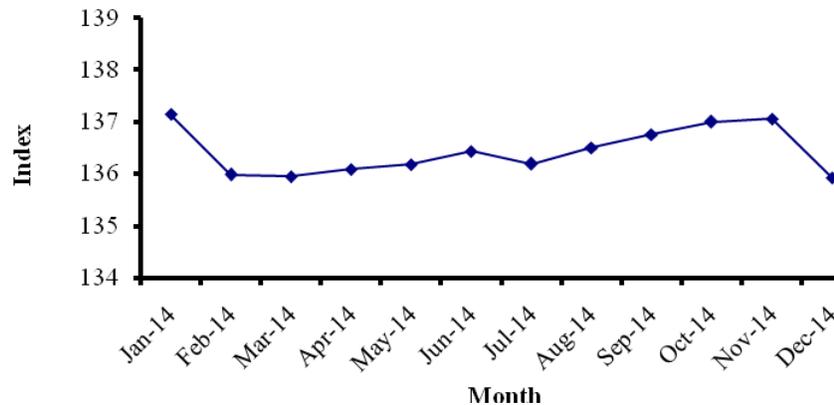


On a monthly basis, the PPI-M gained 0.2 point (+0.1%) in October 2014, remained unchanged in November 2014 and lost 0.7 point (-0.6%) in December 2014 (Table 1a).

2.2 Manufacture of Food Products and Beverages

The Producer Price Index for “Food products and beverages”, which accounts for almost 60% of the weights, registered a net decrease of 0.9 point (-0.6%) from 136.8 in September 2014 to 135.9 in December 2014. The decrease was mainly attributable to lower prices of “Vegetable and animal oils and fats” (-7.9%) and “Processing and preserving of meat” (-0.9%), partly offset by an increase of 1.3% in the prices of “Grain mill products”.

**Fig 2: Monthly indices January 2014 - December 2014
Food Products and Beverages**

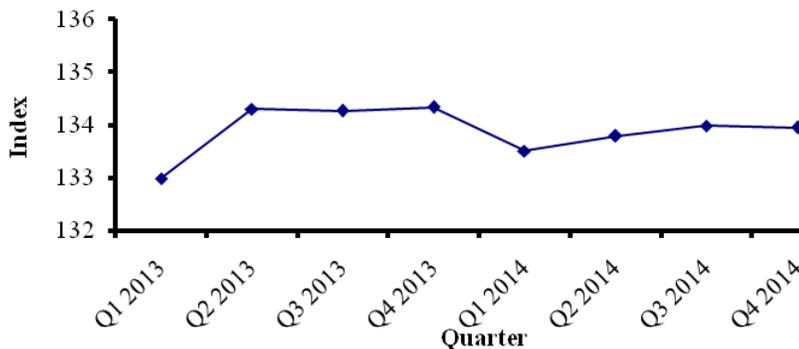


On a monthly basis, the index for this activity group gained 0.2 point (+0.2%) in October 2014 and 0.1 point (+0.1%) in November 2014, but lost 1.2 points (-0.8%) in December 2014 (Table 1b).

3. Change in quarterly PPI-M

3.1 Manufacturing Sector

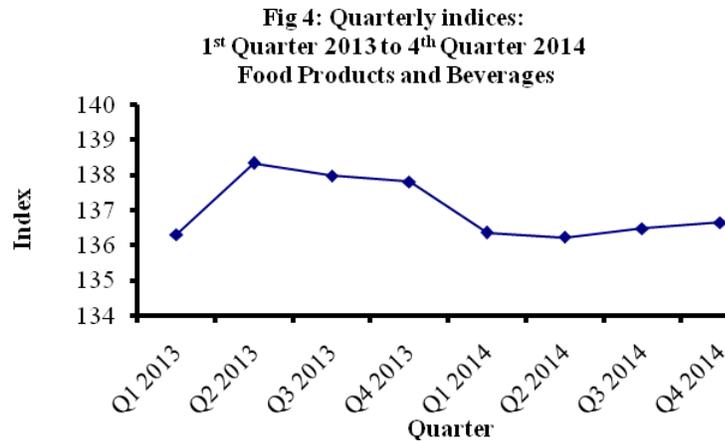
**Fig 3: Overall quarterly indices:
1st Quarter 2013 to 4th Quarter 2014
Manufacturing Sector**



The average quarterly PPI-M, decreased by 0.1 point (-0.1%) from 134.0 in the third quarter of 2014 to 133.9 in the fourth quarter of 2014 (Table 2a).

Compared to the corresponding quarter of 2013, the average PPI-M for the fourth quarter of 2014 was down by 0.4 point (-0.3%) from 134.3 in the fourth quarter of 2013. This is attributable to a drop in the prices of “Food products and beverages” (-0.8%), partly offset by a rise in the prices of “Chemicals and chemical products” (+1.3%).

3.2 Manufacture of Food Products and Beverages



Compared to the previous quarter of 2014, the index for “Food products and beverages” increased by 0.2 point (+0.1%). The index for “Food products” went up by 0.2 point (+0.2%), explained by higher prices of “Grain mill products” (+2.3%). The index for “Beverages” remained unchanged.

Compared to the fourth quarter of 2013, the index for “Food products and beverages” registered a decrease of 1.1 points (-0.8%), explained by a decrease of 2.9 points (-2.3%) in the prices of “Food products”, partly offset by an increase of 3.6 points (+2.2%) in the prices of “Beverages”.

4. Yearly Index

The average yearly index for the manufacturing sector as a whole was 133.8 in 2014, i.e. 0.2 point (-0.1%) lower than the figure of 134.0 in 2013. The index for the manufacture of food products and beverages was 136.4 in 2014 compared to 137.6 in 2013, i.e. a decrease of 1.2 points (-0.9%).

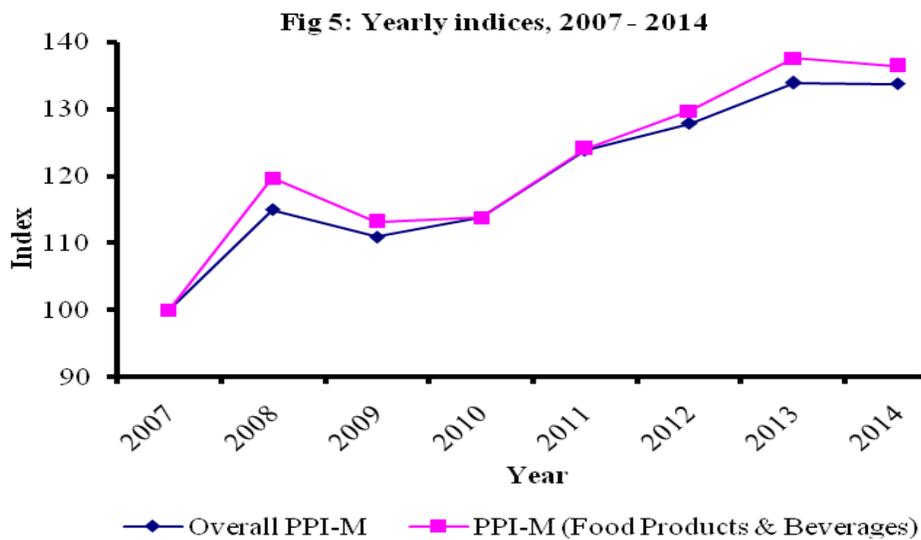


Figure 5 shows that after a sharp increase in 2008, the yearly index for the manufacturing sector as a whole as well as that for the manufacture of food products and beverages declined in 2009. A steady rise is then noted from 2010 to 2013, followed by a drop in 2014.

Statistics Mauritius

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Table 1(a) - Monthly indices by industry group¹, January 2014 to December 2014² - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Percentage change from		
															Sep 14 to Oct 14	Oct 14 to Nov 14	Nov 14 to Dec 14
10-33	Total manufacturing	1,000	133.9	133.3	133.4	133.6	133.7	134.1	134.0	134.0	134.0	134.2	134.2	133.5	0.1	0.0	-0.6
10/11	Food products and beverages	608	137.1	136.0	135.9	136.1	136.2	136.4	136.2	136.5	136.8	137.0	137.1	135.9	0.2	0.0	-0.8
13	Textiles	4	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	0.0	0.0	0.0
14	Wearing apparel	16	182.4	184.4	185.4	186.6	187.1	187.7	188.3	188.3	188.6	188.6	191.6	191.9	0.0	1.6	0.1
15	Leather and related products	2	178.4	178.4	178.4	178.4	178.4	178.4	178.4	178.4	178.4	178.4	178.4	178.4	0.0	0.0	0.0
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	15	123.8	123.9	123.9	123.9	123.9	123.9	123.9	123.9	123.9	123.6	123.6	123.6	0.0	0.0	0.0
18	Printing and reproduction of recorded media	56	136.3	137.9	137.9	139.2	139.3	138.2	137.9	138.3	138.8	139.9	140.3	140.3	0.8	0.3	0.0
20	Chemicals and chemical products	107	143.2	143.2	143.7	143.8	144.6	144.6	144.7	144.7	144.7	144.7	144.7	144.7	0.0	0.0	0.0
22	Rubber and plastic products	59	110.6	111.2	111.2	111.2	111.4	112.0	112.5	112.0	111.8	111.6	111.6	110.6	-0.2	0.0	-0.9
23	Other non-metallic mineral products	3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	94.6	94.6	94.6	94.6	0.0	0.0	0.0
24	Basic metals	35	108.7	106.2	106.2	106.2	106.2	105.8	105.8	105.8	101.1	101.1	101.1	101.1	0.0	0.0	0.0
25	Fabricated metal products	38	105.8	106.2	106.6	106.6	106.6	112.1	112.1	106.8	106.8	106.8	106.8	106.8	0.0	0.0	0.0
27	Electrical equipment	12	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	0.0	0.0	0.0
28	Machinery and equipment, n.e.c	12	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	0.0	0.0	0.0
29	Motor vehicles, trailers and semi-trailers	3	151.6	151.6	151.6	151.6	150.4	150.4	150.4	151.6	151.6	151.6	151.6	151.6	0.0	0.0	0.0
30	Other transport equipment	4	82.0	82.0	82.0	81.9	81.9	89.0	88.9	88.8	87.4	87.4	87.9	88.0	0.1	0.5	0.1
31	Furniture	20	131.0	130.9	130.9	130.9	130.9	130.7	130.7	130.7	133.3	132.1	132.1	132.1	-0.9	0.0	0.0
32	Other products	6	196.9	196.9	202.9	203.7	203.7	203.7	203.7	203.7	203.7	203.7	188.2	188.2	0.0	-7.6	0.0

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

² Figures for October to December 14 are provisional

Table 1(b) - Monthly indices by industry group¹, January 2014 to December 2014² - Manufacture of Food Products & Beverages.

NSIC	Industry group	Weight	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Reference year 2007 = 100 Percentage change from		
															Sep 14 to Oct 14	Oct 14 to Nov 14	Nov 14 to Dec 14
															10-11	Total food products & beverages	608
101-108	Food products	442	127.1	125.5	125.5	125.7	125.8	125.8	125.5	125.9	126.2	126.6	126.6	125.1	0.3	0.1	-1.2
1010	Processing and preserving of meat	143	112.3	112.3	112.3	112.3	112.4	112.4	111.3	111.6	111.6	112.3	112.3	110.6	0.7	0.0	-1.6
1020	Processing and preserving of fish, crustaceans & molluscs	9	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	0.0	0.0	0.0
1030	Processing and preserving of fruits and vegetables	14	136.8	136.8	136.8	136.8	136.8	137.3	137.3	137.3	137.3	137.3	135.1	134.1	0.0	-1.6	-0.8
1040	Vegetable and animal oils and fats	44	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	121.3	0.0	0.0	-7.9
1050	Dairy products	22	127.2	127.2	127.2	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	0.0	0.0	0.0
1061	Grain mill products	75	117.7	114.9	114.5	114.6	115.1	115.2	115.4	116.3	118.3	118.8	119.3	119.8	0.4	0.4	0.4
1071	Bakery products	35	124.6	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	0.0	0.0	0.0
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	128.1	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	0.0	0.0	0.0
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	0.0	0.0	0.0
1074	Macaroni, noodles, couscous and similar farinaceous products	12	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	0.0	0.0	0.0
1079	Other food products n.e.c	15	132.0	132.1	132.3	132.2	132.2	132.2	132.2	137.3	137.3	137.3	139.1	139.1	0.0	1.3	0.0
10791	<i>Tea</i>	9	133.2	133.4	133.6	133.6	133.5	133.5	133.5	142.1	142.1	142.1	145.3	145.3	0.0	2.2	0.0
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	0.0	0.0	0.0
1080	Animal feed	73	155.4	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	0.0	0.0	0.0
110	Beverages	166	163.9	163.9	163.9	163.9	163.9	164.8	0.0	0.0	0.0						
1101	Distilled potable alcoholic beverages	42	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6	0.0	0.0	0.0
1102	Wines	11	178.2	178.2	178.2	178.2	178.2	192.1	192.1	192.1	192.1	192.1	192.1	192.1	0.0	0.0	0.0
1103	Malt liquors and malt including non alcoholic beer	87	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	0.0	0.0	0.0
1104	Soft drinks, mineral waters and other bottled waters	26	156.9	156.9	156.9	156.9	156.9	156.9	156.9	156.9	156.9	157.1	157.1	157.1	0.1	0.0	0.0

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

² Figures for October to December 14 are provisional

Table 1(c) - Monthly indices by industry group¹, January 2014 to December 2014² - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Percentage change from		
															Sep 14 to Oct 14	Oct 14 to Nov 14	Nov 14 to Dec 14
20	Chemicals and chemical products	107	143.2	143.2	143.7	143.8	144.6	144.6	144.7	144.7	144.7	144.7	144.7	144.7	0.0	0.0	0.0
2011	Basic chemicals	22	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	0.0	0.0	0.0
2022	Paints, varnishes and similar coatings, printing ink and mastics	40	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	134.8	0.0	0.0	0.0
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	153.2	153.2	154.4	154.6	156.6	156.6	156.9	156.9	156.9	156.9	156.9	156.9	0.0	0.0	0.0
22	Rubber and plastic products	59	110.6	111.2	111.2	111.2	111.4	112.0	112.5	112.0	111.8	111.6	111.6	110.6	-0.2	0.0	-0.9
2211	Rubber tyres and tubes, retreading and rebuilding of rubber tyres	7	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	0.0	0.0	0.0
2219	Other rubber products e.g balloons, pipes and transmission belts	2	60.2	60.2	60.2	60.2	65.5	65.5	65.5	65.5	65.1	65.1	65.1	65.1	0.0	0.0	0.0
2220	Plastic products	50	105.2	105.9	105.9	105.9	105.9	106.6	107.3	106.7	106.4	106.2	106.2	105.0	-0.2	0.0	-1.1

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² Figures for October to December 14 are provisional

Table 2(a) - Quarterly & yearly indices by industry group¹, 2012 - 2014 - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	2012	2013					2014				
			Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr. ²	Year Average ²
10-33	Total manufacturing	1,000	127.9	133.0	134.3	134.3	134.3	134.0	133.5	133.8	134.0	133.9	133.8
10/11	Food products and beverages	608	129.7	136.3	138.3	138.0	137.8	137.6	136.4	136.2	136.5	136.7	136.4
13	Textiles	4	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2	145.2
14	Wearing apparel	16	160.0	173.3	177.2	179.1	179.9	177.4	184.1	187.1	188.4	190.7	187.6
15	Leather and related products	2	170.7	172.3	175.3	176.2	178.4	175.5	178.4	178.4	178.4	178.4	178.4
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	15	120.0	120.2	120.3	121.5	123.8	121.5	123.9	123.9	123.8	123.6	123.8
18	Printing and reproduction of recorded media	56	136.9	137.6	137.4	136.6	138.8	137.6	137.4	138.9	138.3	140.1	138.7
20	Chemicals and chemical products	107	134.6	140.0	141.0	141.6	142.9	141.4	143.3	144.3	144.7	144.7	144.3
22	Rubber and plastic products	59	110.2	109.4	110.4	110.7	110.7	110.3	111.0	111.5	112.1	111.2	111.5
23	Other non-metallic mineral products	3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	92.3	94.6	92.3
24	Basic metals	35	107.1	109.0	108.8	108.7	108.7	108.8	107.0	106.0	104.2	101.1	104.6
25	Fabricated metal products	38	103.2	102.2	102.2	105.8	103.9	103.6	106.2	108.5	108.5	106.8	107.5
27	Electrical equipment	12	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
28	Machinery and equipment, n.e.c	12	118.5	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6
29	Motor vehicles, trailers and semi-trailers	3	151.3	153.0	150.8	151.6	151.6	151.8	151.6	150.8	151.2	151.6	151.3
30	Other transport equipment	4	80.2	81.1	81.3	81.8	81.9	81.6	82.0	84.3	88.3	87.8	85.6
31	Furniture	20	125.1	131.4	131.4	131.2	131.0	131.3	131.0	130.9	131.6	132.1	131.4
32	Other products	6	231.3	242.6	219.4	213.8	202.0	219.4	198.9	203.7	203.7	193.4	199.9

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

² Provisional

Table 2(b) - Quarterly & yearly indices by industry group¹, 2012 - 2014 - Manufacture of Food Products & Beverages.

Reference year 2007 = 100

NSIC	Industry group	Weight	2012	2013					2014				
			Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr. ²	Year Average ²
10-11	Total food products & beverages	608	129.7	136.3	138.3	138.0	137.8	137.6	136.4	136.2	136.5	136.7	136.4
101-108	Food products	442	124.7	129.5	131.4	130.9	129.0	130.2	126.0	125.8	125.9	126.1	125.9
1010	Processing and preserving of meat	143	111.6	111.3	112.2	112.2	112.3	112.0	112.3	112.4	111.5	111.7	112.0
1020	Processing and preserving of fish, crustaceans & molluscs	9	163.2	167.0	167.0	167.0	167.9	167.2	169.7	169.7	169.7	169.7	169.7
1030	Processing and preserving of fruits and vegetables	14	121.4	125.2	129.7	131.7	132.0	129.6	136.8	137.0	137.3	135.5	136.6
1040	Vegetable and animal oils and fats	44	143.9	141.0	140.4	137.3	132.2	137.7	131.8	131.8	131.8	128.3	130.9
1050	Dairy products	22	122.1	124.0	124.0	124.7	126.8	124.9	127.2	130.8	130.8	130.8	129.9
1061	Grain mill products	75	111.5	126.9	135.4	135.1	130.7	132.0	115.7	115.0	116.6	119.3	116.7
1071	Bakery products	35	118.4	121.7	121.7	122.4	123.2	122.3	124.7	124.8	124.8	124.8	124.8
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	<i>121.7</i>	<i>125.1</i>	<i>125.1</i>	<i>125.9</i>	<i>127.0</i>	<i>125.8</i>	<i>128.3</i>	<i>128.4</i>	<i>128.4</i>	<i>128.4</i>	<i>128.4</i>
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	<i>109.2</i>	<i>112.2</i>	<i>112.2</i>	<i>112.3</i>	<i>112.3</i>	<i>112.3</i>	<i>114.6</i>	<i>114.6</i>	<i>114.6</i>	<i>114.6</i>	<i>114.6</i>
1074	Macaroni, noodles, couscous and similar farinaceous products	12	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4
1079	Other food products n.e.c	15	128.7	127.2	128.2	131.6	131.6	129.7	132.1	132.2	135.6	138.5	134.6
10791	<i>Tea</i>	9	<i>128.6</i>	<i>125.3</i>	<i>127.0</i>	<i>132.5</i>	<i>132.5</i>	<i>129.3</i>	<i>133.4</i>	<i>133.5</i>	<i>139.3</i>	<i>144.2</i>	<i>137.6</i>
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	<i>128.8</i>	<i>130.0</i>	<i>130.0</i>	<i>130.4</i>	<i>130.4</i>	<i>130.2</i>	<i>130.4</i>	<i>130.4</i>	<i>130.4</i>	<i>130.4</i>	<i>130.4</i>
1080	Animal feed	73	150.0	162.9	162.9	160.4	155.4	160.4	150.8	148.5	148.5	148.5	149.0
110	Beverages	166	143.2	154.4	156.8	156.9	161.2	157.3	163.9	164.2	164.8	164.8	164.4
1101	Distilled potable alcoholic beverages	42	156.6	165.3	165.3	165.3	174.1	167.5	178.6	178.6	178.6	178.6	178.6
1102	Wines	11	173.8	175.4	175.4	176.2	177.5	176.1	178.2	182.9	192.1	192.1	186.3
1103	Malt liquors and malt including non alcoholic beer	87	131.2	147.4	151.5	151.5	154.9	151.4	157.0	157.0	157.0	157.0	157.0
1104	Soft drinks, mineral waters and other bottled waters	26	149.1	151.1	153.0	153.0	154.3	152.9	156.9	156.9	156.9	157.1	156.9

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

² Provisional

Table 2(c) - Quarterly & yearly indices by industry group¹, 2012 - 2014 - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	2012	2013					2014				
			Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	Year Average	1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr. ²	Year Average ²
20	Chemicals and chemical products	107	134.6	140.0	141.0	141.6	142.9	141.4	143.3	144.3	144.7	144.7	144.3
2011	Basic chemicals	22	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1
2022	Paints, varnishes and similar coatings, printing ink and mastics	40	124.9	130.8	130.8	130.8	134.0	131.6	134.8	134.8	134.8	134.8	134.8
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	141.7	149.1	151.7	152.9	153.3	151.8	153.6	156.0	156.9	156.9	155.8
22	Rubber and plastic products	59	110.2	109.4	110.4	110.7	110.7	110.3	111.0	111.5	112.1	111.2	111.5
2211	Rubber tyres and tubes, retreading and rebuilding of rubber tyres	7	150.5	154.8	159.9	159.9	159.9	158.6	159.9	159.9	159.9	159.9	159.9
2219	Other rubber products e.g balloons, pipes and transmission belts	2	68.5	70.4	66.1	59.5	60.0	64.0	60.2	63.7	65.3	65.1	63.6
2220	Plastic products	50	105.9	104.1	104.8	105.4	105.3	104.9	105.7	106.2	106.8	105.8	106.1

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¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

² Provisional

Table 3(a) - Quarterly percentage change by industry group¹, 2012 - 2014 - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			4 th Qr 13 to 1 st Qr 14	1 st Qr 14 to 2 nd Qr 14	2 nd Qr 14 to 3 rd Qr 14	3 rd Qr 14 to 4 th Qr 14	1 st Qr 13 to 1 st Qr 14	2 nd Qr 13 to 2 nd Qr 14	3 rd Qr 13 to 3 rd Qr 14	4 th Qr 13 to 4 th Qr 14
10-33	Total manufacturing	1,000	-0.6	0.2	0.1	0.0	0.4	-0.4	-0.2	-0.3
10/11	Food products and beverages	608	-1.1	-0.1	0.2	0.1	0.0	-1.5	-1.1	-0.8
13	Textiles	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	Wearing apparel	16	2.3	1.7	0.7	1.2	6.2	5.6	5.2	6.0
15	Leather and related products	2	0.0	0.0	0.0	0.0	3.6	1.7	1.3	0.0
16/17	Wood and products of wood & cork; articles of straw and plaiting materials/ Paper and paper products	15	0.1	0.0	-0.1	-0.2	3.0	3.0	1.9	-0.1
18	Printing and reproduction of recorded media	56	-1.1	1.1	-0.4	1.3	-0.2	1.1	1.3	1.0
20	Chemicals and chemical products	107	0.3	0.7	0.3	0.0	2.4	2.3	2.2	1.3
22	Rubber and plastic products	59	0.3	0.4	0.5	-0.8	1.5	1.0	1.2	0.5
23	Other non-metallic mineral products	3	0.0	0.0	1.2	2.4	0.0	0.0	1.2	3.7
24	Basic metals	35	-1.6	-0.9	-1.7	-3.0	-1.9	-2.6	-4.2	-7.1
25	Fabricated metal products	38	2.2	2.1	0.1	-1.6	3.9	6.1	2.5	2.7
27	Electrical equipment	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Machinery and equipment, n.e.c	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	Motor vehicles, trailers and semi-trailers	3	0.0	-0.6	0.3	0.3	-0.9	0.0	-0.3	0.0
30	Other transport equipment	4	0.1	2.8	4.9	-0.7	1.0	3.6	7.9	7.1
31	Furniture	20	-0.1	-0.1	0.5	0.4	-0.3	-0.4	0.3	0.8
32	Other products	6	-1.5	2.4	0.0	-5.1	-18.0	-7.1	-4.7	-4.2

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

Table 3(b) - Quarterly percentage change by industry group¹, 2012 - 2014 - Manufacture of Food Products & Beverages.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			4 th Qr 13 to 1 st Qr 14	1 st Qr 14 to 2 nd Qr 14	2 nd Qr 14 to 3 rd Qr 14	3 rd Qr 14 to 4 th Qr 14	1 st Qr 13 to 1 st Qr 14	2 nd Qr 13 to 2 nd Qr 14	3 rd Qr 13 to 3 rd Qr 14	4 th Qr 13 to 4 th Qr 14
10-11	Total food products & beverages	608	-1.1	-0.1	0.2	0.1	0.0	-1.5	-1.1	-0.8
101-108	Food products	442	-2.3	-0.2	0.1	0.2	-2.7	-4.3	-3.8	-2.3
1010	Processing and preserving of meat	143	0.0	0.1	-0.8	0.2	0.9	0.1	-0.7	-0.5
1020	Processing and preserving of fish, crustaceans & molluscs	9	1.1	0.0	0.0	0.0	1.6	1.6	1.6	1.1
1030	Processing and preserving of fruits and vegetables	14	3.7	0.1	0.2	-1.3	9.3	5.6	4.3	2.7
1040	Vegetable and animal oils and fats	44	-0.3	0.0	0.0	-2.6	-6.5	-6.1	-4.0	-2.9
1050	Dairy products	22	0.4	2.9	0.0	0.0	2.6	5.5	5.0	3.2
1061	Grain mill products	75	-11.5	-0.6	1.5	2.3	-8.8	-15.1	-13.7	-8.7
1071	Bakery products	35	1.2	0.1	0.0	0.0	2.5	2.5	2.0	1.3
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	<i>1.0</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>	<i>2.5</i>	<i>2.6</i>	<i>1.9</i>	<i>1.1</i>
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	<i>2.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>2.1</i>	<i>2.1</i>	<i>2.1</i>	<i>2.0</i>
1074	Macaroni, noodles, couscous and similar farinaceous products	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	Other food products n.e.c	15	0.4	0.1	2.5	2.1	3.9	3.1	3.0	5.2
10791	<i>Tea</i>	9	<i>0.7</i>	<i>0.1</i>	<i>4.3</i>	<i>3.6</i>	<i>6.5</i>	<i>5.2</i>	<i>5.1</i>	<i>8.9</i>
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.3</i>	<i>0.3</i>	<i>0.0</i>	<i>0.0</i>
1080	Animal feed	73	-3.0	-1.5	0.0	0.0	-7.4	-8.9	-7.5	-4.5
110	Beverages	166	1.7	0.2	0.4	0.0	6.1	4.7	5.0	2.2
1101	Distilled potable alcoholic beverages	42	2.5	0.0	0.0	0.0	8.0	8.0	8.0	2.5
1102	Wines	11	0.4	2.6	5.1	0.0	1.6	4.3	9.0	8.2
1103	Malt liquors and malt including non alcoholic beer	87	1.3	0.0	0.0	0.0	6.5	3.6	3.6	1.3
1104	Soft drinks, mineral waters and other bottled waters	26	1.7	0.0	0.0	0.1	3.8	2.5	2.5	1.8

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

Table 3(c) - Quarterly percentage change by industry group¹, 2012 - 2014 - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			4 th Qr 13 to 1 st Qr 14	1 st Qr 14 to 2 nd Qr 14	2 nd Qr 14 to 3 rd Qr 14	3 rd Qr 14 to 4 th Qr 14	1 st Qr 13 to 1 st Qr 14	2 nd Qr 13 to 2 nd Qr 14	3 rd Qr 13 to 3 rd Qr 14	4 th Qr 13 to 4 th Qr 14
20	Chemicals and chemical products	107	0.3	0.7	0.3	0.0	2.4	2.3	2.2	1.3
2011	Basic chemicals	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	Paints, varnishes and similar coatings, printing ink and mastics	40	0.6	0.0	0.0	0.0	3.1	3.1	3.1	0.6
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	0.2	1.5	0.6	0.0	3.0	2.8	2.6	2.3
22	Rubber and plastic products	59	0.3	0.4	0.5	-0.8	1.5	1.0	1.2	0.5
2211	Rubber tyres and tubes, retreading and rebuilding of rubber tyres	7	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0
2219	Other rubber products e.g balloons, pipes and transmission belts	2	0.4	5.8	2.5	-0.4	-14.4	-3.6	9.7	8.5
2220	Plastic products	50	0.3	0.4	0.6	-0.9	1.5	1.3	1.4	0.4

¹ Industrial classifications used are according to the National Standard Industrial Classification (NSIC) Revision 2 based on the UN International Standard Industrial Classification (ISIC) of all economic activities, Rev. 4 of 2008

Table 4(a) - Comparative monthly and quarterly indices, January 2007 to December 2014- Manufacturing Sector.

Reference year 2007 = 100

Month	2007	2008	2009	2010	2011	2012	2013	2014 ¹
January	92.9	110.7	114.8	111.4	119.3	126.7	131.1	133.9
February	94.2	111.6	111.6	111.6	123.1	126.3	133.8	133.3
March	94.7	112.5	111.8	111.7	122.7	125.8	134.1	133.4
Average 1st Quarter	94.0	111.6	112.7	111.6	121.7	126.3	133.0	133.5
April	98.6	113.4	110.7	112.6	122.5	126.5	134.3	133.6
May	98.6	113.7	109.9	113.7	122.8	126.7	134.4	133.7
June	101.7	113.4	109.6	114.3	123.7	127.1	134.3	134.1
Average 2nd Quarter	99.6	113.5	110.1	113.5	123.0	126.7	134.3	133.8
July	101.2	114.1	110.2	114.3	124.0	127.8	134.6	134.0
August	101.2	116.1	110.3	114.3	124.4	128.0	134.6	134.0
September	103.0	117.8	110.1	114.2	124.5	128.0	133.7	134.0
Average 3rd Quarter	101.8	116.0	110.2	114.3	124.3	127.9	134.3	134.0
October	103.7	118.9	110.7	114.4	126.1	129.8	133.7	134.2
November	104.6	119.0	110.8	116.0	126.8	131.0	134.9	134.2
December	105.0	118.7	110.8	116.7	127.1	131.0	134.4	133.5
Average 4th Quarter	104.5	118.9	110.8	115.7	126.7	130.6	134.3	133.9
Yearly average	100.0	115.0	110.9	113.8	123.9	127.9	134.0	133.8
Annual change (%)		15.0	-3.5	2.5	8.9	3.2	4.8	-0.1

¹ Provisional

Table 4(b) - Comparative monthly and quarterly sub - indices, January 2007 to December 2014¹- Food Products and Beverages.

Reference year 2007 = 100

Month	2007	2008	2009	2010	2011	2012	2013	2014 ¹
January	91.6	114.4	118.7	112.2	117.6	128.7	133.1	137.1
February	93.2	115.6	113.7	112.4	123.9	127.2	137.7	136.0
March	93.8	117.1	113.9	112.7	122.7	127.2	138.1	135.9
Average 1st Quarter	92.9	115.7	115.4	112.4	121.4	127.7	136.3	136.4
April	99.6	118.3	113.9	112.8	123.1	128.1	138.3	136.1
May	99.7	118.6	112.5	113.5	123.0	128.4	138.4	136.2
June	102.8	118.3	112.0	113.8	123.2	129.1	138.3	136.4
Average 2nd Quarter	100.7	118.4	112.8	113.4	123.1	128.5	138.3	136.2
July	101.1	118.3	112.7	113.8	123.6	129.9	138.5	136.2
August	100.9	120.3	112.6	114.0	124.0	130.1	138.5	136.5
September	103.3	122.2	112.3	113.9	124.6	129.9	137.0	136.8
Average 3rd Quarter	101.8	120.3	112.5	113.9	124.1	130.0	138.0	136.5
October	103.1	123.9	112.1	113.6	127.2	131.4	136.8	137.0
November	105.2	124.8	111.8	115.8	127.9	133.4	138.6	137.1
December	105.3	124.7	111.7	116.9	128.4	133.2	138.0	135.9
Average 4th Quarter	104.5	124.4	111.9	115.4	127.8	132.7	137.8	136.7
Yearly average	100.0	119.7	113.2	113.8	124.1	129.7	137.6	136.4
Annual change (%)		19.7	-5.5	0.6	9.1	4.5	6.1	-0.9

TECHNICAL NOTES

Producer Price Index – Manufacturing (PPI-M)

1. Definition

The Producer Price Index (PPI-M) measure changes in the effective prices received by manufacturers for that part of their output which is sold on the domestic market. The index covers manufacturing establishments which supply their products on the domestic market.

It normally refers to a family of indices which includes:

- (a) Industry output prices indices;
- (b) Detailed commodity price indices; and
- (c) Stage-of-processing prices indices.

The concepts and definitions of the PPIs largely follow the guidelines provided in the IMF manual entitled “Producer Price Index Manual Theory and Practice”.

2. Scope

The PPI-M covers all large manufacturing establishments (that is those employing 10 or more persons) falling within divisions 10 to 33 of the National Standard Industrial Classification Revision 2 (NSIC 2), whose output is mainly sold on the domestic market. The index therefore excludes Export Oriented Enterprises (EOE).

The following divisions have been excluded for reasons given below:

- (a) Division 12: Manufacture of tobacco products (no longer manufactured in Mauritius)
- (b) Division 19: Manufacture of coke, refined petroleum products (not produced in Mauritius)
- (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 26: Manufacture of computers, electronic and optical products (weight in the overall index is not significant and change of products is too dynamic)

Considering the above adjustments, the activities covered by the index represent around 89% of the gross output generated by enterprises in the Non-EOE manufacturing in 2007.

3. Reference Year

PPI-M has 2007 as reference period and is based on 2007 weights.

4. Frame

A list of some 419 establishments, engaging 10 persons or more, falling within the scope of the PPI-M was obtained from the 2007 CEA and classified at 5-digit NSIC Rev.2. Data on Gross output for each establishment was also available.

5. Selection of establishments (producers)

A sample of 103 establishments was drawn from the list. These establishments are the most important ones in terms of Gross Output (GO) in their respective 5-digit NSIC activity group. Establishments selected in each activity group contribute together at least 60% of GO in that group.

Using the scheme above the overall sample contributes around 63% of the GO of the sector.

6. Selection of products to be priced

From each selected establishment the product(s) selected for pricing are those which are the most important ones in terms of contribution to the turnover of the establishment.

7. 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.

Prices of products are collected from the sample of products mentioned in Para. 6. Producers are contacted on field on a quarterly basis and prices of the selected products are collected for each month of the reference quarter. For example, if reference quarter is 3rd Quarter, producers are contacted during the month of October and November and prices are collected for the months of July, August and September.

Altogether some 281 prices are collected every quarter.

8. Updating of weights

8.1 *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 reference period (1993 = 100). The coverage of the index was extended in June 2002 to cover all relevant industry groups of the former Non-EPZ manufacturing sector. At the same time, in order to reflect changes in the production pattern, the basket of goods used to compile the index was updated based on data available from the 1997 Census of Economic Activities conducted by this office. The base year was subsequently revised to 1998 (1998 = 100). The revision was repeated in 2006 when the base period was revised to 2003 (2003 = 100).

The current basket of goods has been updated based on the results of the 2007 Census of Economic Activities and the index is computed with year 2007 as base period (2007=100).

9. 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 (2007)

The PPI-M is calculated at the 5-digits level of NSIC Rev.2 by the above formulae. The lowest level indices are determined as a geometric average of the price relatives of the basic observations. Indices at the Division level (2-digits NSIC) 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 arithmetic average of the Division indices.

10. Uses

- (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 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.

11. Missing Prices

In the case of temporarily missing prices for products, the change in the prices will be assumed to be following the same trend as the average price in the 5-digits NSIC group or that at higher level.

12. Treatment of Product Permanently Disappeared

Products may disappear permanently for various reasons. The product 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.

13. 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 given and adjustment is done accordingly. Appropriate adjustments for quality changes are made by consulting the manufacturing unit.

14. Reliability of the PPI-M

The statistical accuracy of PPI depends heavily on the quality of information provided by respondents. This office places great emphasis on the need for reporting effective selling prices, i.e. the amount realized by a producer when selling its products on the market inclusive of all discounts and other price deductions rather than the list or catalogue prices.

On the field a system of sample checks is already in place for detecting systematic errors in the collection process. The results are analyzed right on field by analyzing the monthly changes and comparing also the prices those collected at the same month of previous year. Outliers are discussed with the producers to ensure that they are genuine.

At office level, comparisons are 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.