

PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

3rd Quarter 2015

(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 Oct 2014 to Sept 2015. 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 Oct 2014 are posted on Statistics Mauritius website in the historical series of manufacturing statistics.

The link to the series is

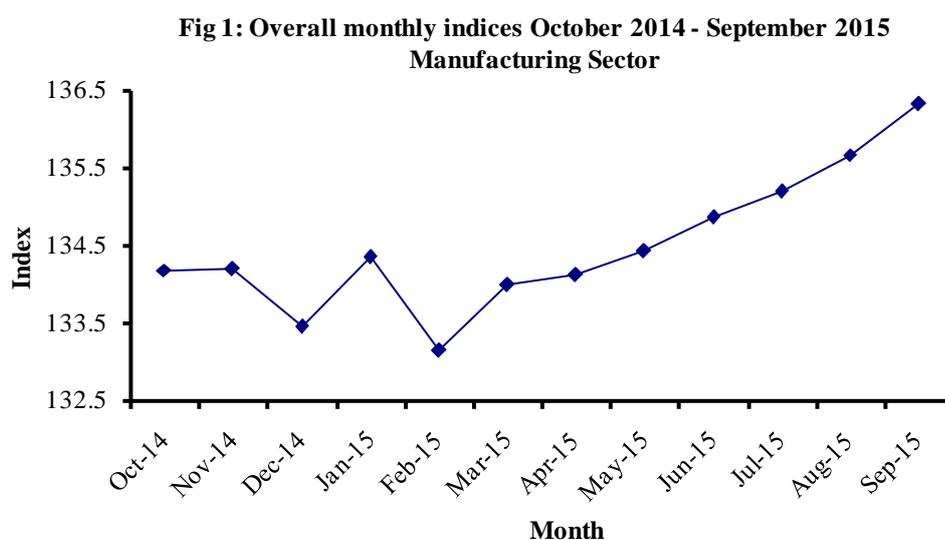
<http://statsmauritius.govmu.org/English/StatsbySubj/Pages/Manufacturing.aspx>

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

2. Changes during third quarter 2015

2.1 Manufacturing Sector

The Producer Price Index for the manufacturing sector registered an increase of 1.4 points (+1.0%) from 134.9 in June 2015 to 136.3 in Sep 2015. The main reason for the net increase was higher prices of “Food products and beverages” (+0.8%) and “Chemicals and chemical products” (+4.2%).

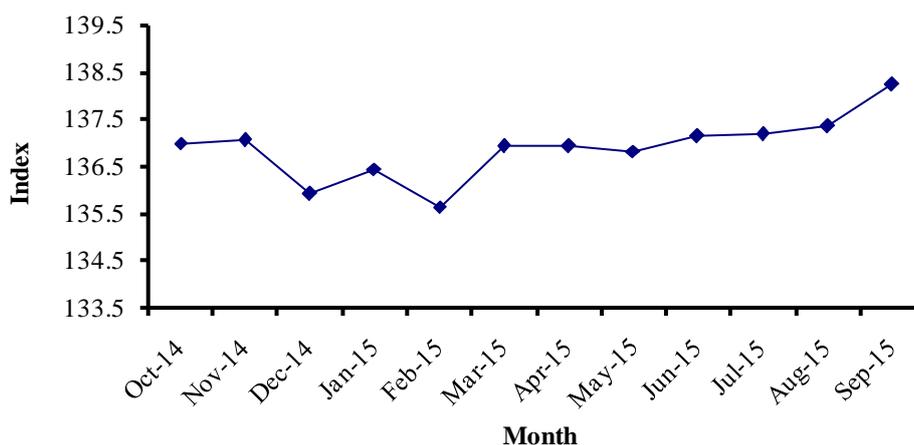


On a monthly basis, the PPI-M gained 0.3 point (+0.2%) in July 2015, 0.5 point (+0.4%) in August 2015 and 0.6 point (+0.5%) in September 2015 (Table 1a).

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 increase of 1.1 points (+0.8%) from 137.2 in June 2015 to 138.3 in Sep 2015. The increase was mainly attributable to higher prices of “Processing and preserving of meat” (+2.0%).

**Fig 2: Monthly indices October 2014 - September 2015
Food Products and Beverages**

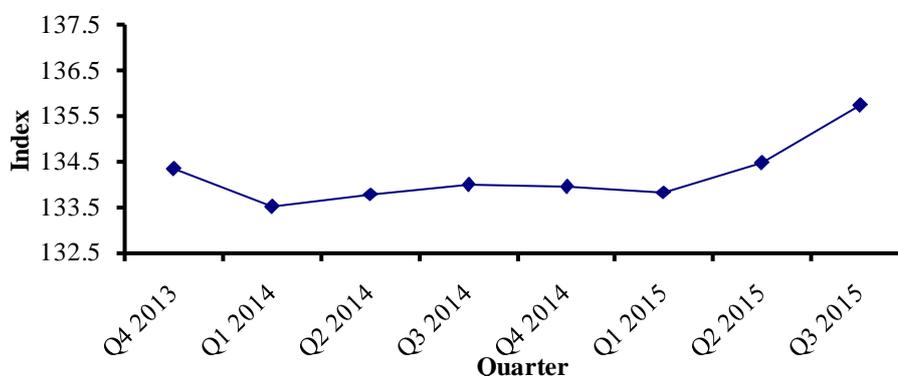


On a monthly basis, the index for this activity group remained unchanged in July 2015, gained 0.2 point (+0.1%) in August 2015 and 0.9 point (+0.6%) in September 2015 (Table 1b).

3. Change in quarterly PPI-M

3.1 Manufacturing Sector

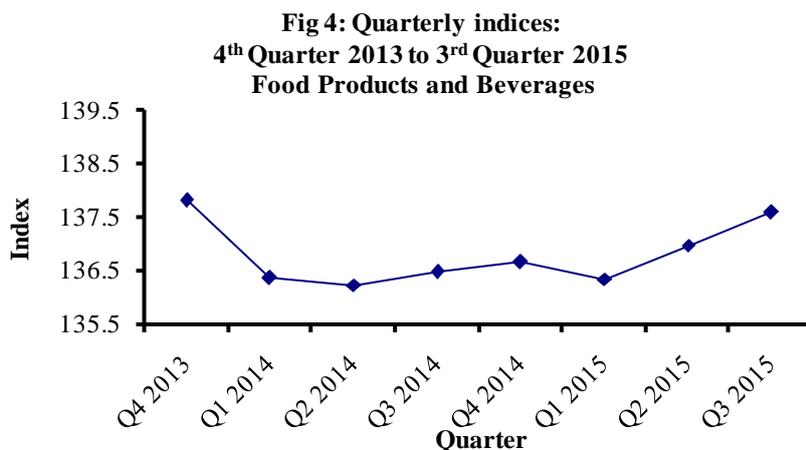
**Fig 3: Overall quarterly indices:
4th Quarter 2013 to 3rd Quarter 2015
Manufacturing Sector**



The average quarterly PPI-M, increased by 1.2 points (+0.9%) from 134.5 in the second quarter of 2015 to 135.7 in the third quarter of 2015 (Table 2a).

Compared to the corresponding quarter of 2014, the average PPI-M for the third quarter of 2015 was up by 1.7 points (+1.3%). This is attributable to rises in the prices of “Chemicals and chemical products” (+4.9%) and “Food products and beverages” (+0.8%).

3.2 Manufacture of Food Products and Beverages



Compared to the previous quarter, the index for “Food products and beverages” increased by 0.6 point (+0.4%) in the third quarter of 2015. The index for “Food products” went up by 0.6 point (+0.5%), explained by higher prices of “Bakery products” (+1.7%) and “Processing and preserving of fish, crustaceans & molluscs” (+4.0%). The index for “Beverages” went up by 0.7 point (+0.4%), explained by higher prices of “Wines” (+6.0%).

Compared to the third quarter of 2014, the index for “Food products and beverages” increased by 1.1 points (+0.8%).

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 average 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%).

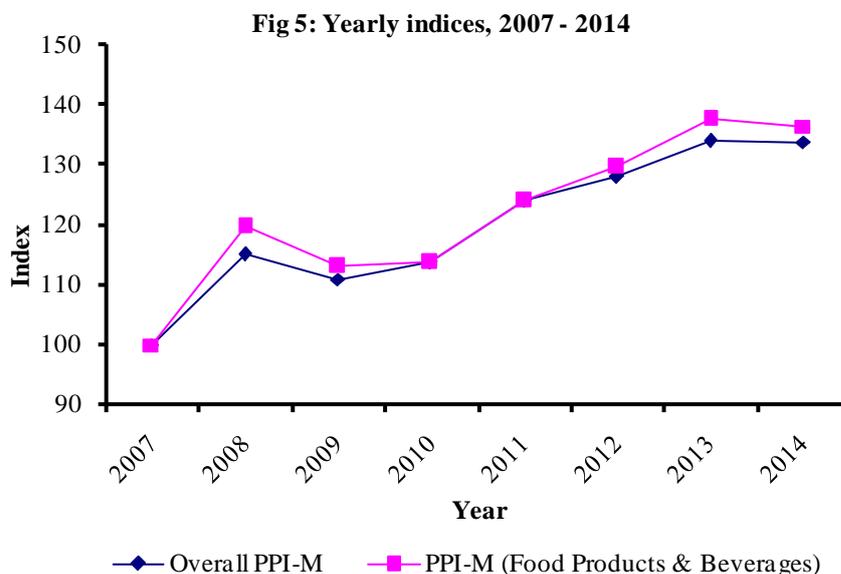


Figure 5 shows that after a sharp increase in 2008, the yearly index for the manufacturing sector as a whole as well as that for the manufacture of food products and beverages declined in 2009. A steady rise is then noted from 2010 to 2013, followed by a drop in 2014.

Statistics Mauritius

Ministry of Finance and Economic Development

Port Louis

December 2015

Contact Persons:

1. Mrs. D. Ramphul (Statistician)
2. Mrs P. Mulliah (Senior Statistical Officer)

Statistics Unit
Ministry of Industry, Commerce and Consumer Protection
8th Floor, Air Mauritius Bldg
Port-Louis

Tel. (230) 211 5356
Fax: (230) 212 8429

Email: cso_industry@govmu.org
Website: <http://statsmauritius.govmu.org>

Table 1(a) - Monthly indices by industry group, October 2014 to September 2015 - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Percentage change from		
															Jun 15 to Jul 15	Jul 15 to Aug 15	Aug 15 to Sep 15
															10-33	Total manufacturing	1,000
10/11	Food products and beverages	608	137.0	137.1	135.9	136.4	135.7	136.9	136.9	136.8	137.2	137.2	137.4	138.3	0.0	0.1	0.6
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	188.6	191.6	191.9	191.9	192.4	192.4	192.4	192.4	198.4	198.4	198.4	198.4	0.0	0.0	0.0
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	123.6	123.6	123.6	123.6	123.6	123.6	123.7	123.7	123.7	123.7	123.7	123.7	0.0	0.0	0.0
18	Printing and reproduction of recorded media	56	139.9	140.3	140.3	140.4	139.0	139.1	138.2	138.3	141.7	141.2	142.1	142.8	-0.4	0.7	0.5
20	Chemicals and chemical products	107	144.7	144.7	144.7	144.7	144.7	145.1	145.6	146.6	146.6	149.8	152.8	152.8	2.2	2.0	0.0
22	Rubber and plastic products	59	111.6	111.6	110.6	118.8	111.4	111.4	113.3	117.4	117.4	117.4	117.4	117.5	0.0	0.0	0.1
23	Other non-metallic mineral products	3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	0.0	0.0	0.0
24	Basic metals	35	101.1	101.1	101.1	101.1	97.5	97.5	97.5	97.6	97.6	97.6	97.5	97.5	0.0	-0.1	0.0
25	Fabricated metal products	38	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	105.5	105.5	105.6	106.9	0.0	0.2	1.2
27	Electrical equipment	12	89.7	89.7	89.7	89.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	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	155.5	155.5	155.5	155.5	155.5	155.5	155.5	155.5	159.3	0.0	0.0	2.4
30	Other transport equipment	4	87.4	87.9	88.0	87.8	87.8	88.0	88.0	88.1	88.1	88.7	89.4	88.3	0.7	0.7	-1.2
31	Furniture	20	132.1	132.1	132.1	132.1	132.7	132.7	132.8	132.8	132.8	132.8	132.8	132.8	0.0	0.0	0.0
32	Other products	6	203.7	188.2	188.2	199.8	199.8	199.8	204.3	204.3	204.3	204.3	204.3	204.3	0.0	0.0	0.0

Table 1(b) - Monthly indices by industry group, October 2014 to September 2015 - Manufacture of Food Products & Beverages.

NSIC	Industry group	Weight	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Reference year 2007 = 100		
															Percentage change from		
															Jun 15 to Jul 15	Jul 15 to Aug 15	Aug 15 to Sep 15
10-11	Total food products & beverages	608	137.0	137.1	135.9	136.4	135.7	136.9	136.9	136.8	137.2	137.2	137.4	138.3	0.0	0.1	0.6
101-108	Food products	442	126.6	126.6	125.1	125.8	124.7	126.5	126.5	126.4	126.8	126.5	126.8	128.0	-0.2	0.2	1.0
1010	Processing and preserving of meat	143	112.3	112.3	110.6	110.6	109.2	109.2	109.2	109.6	109.6	108.2	108.2	111.8	-1.3	0.0	3.4
1020	Processing and preserving of fish, crustaceans & molluscs	9	169.7	169.7	169.7	169.7	169.7	169.7	169.7	178.1	184.7	184.7	184.7	184.7	0.0	0.0	0.0
1030	Processing and preserving of fruits and vegetables	14	137.3	135.1	134.1	134.1	137.3	141.1	141.1	141.9	145.7	145.7	147.0	147.0	0.0	0.8	0.0
1040	Vegetable and animal oils and fats	44	131.8	131.8	121.3	121.3	121.3	121.3	121.3	121.3	121.3	121.3	121.3	121.3	0.0	0.0	0.0
1050	Dairy products	22	130.8	130.8	130.8	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	118.8	119.3	119.8	123.6	120.9	130.6	130.5	127.8	128.3	129.2	128.9	129.2	0.7	-0.2	0.2
1071	Bakery products	35	124.8	124.8	124.8	125.9	129.3	129.3	129.3	129.3	129.3	129.3	132.7	132.7	0.0	2.6	0.0
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	<i>128.4</i>	<i>128.4</i>	<i>128.4</i>	<i>128.4</i>	<i>131.0</i>	<i>131.0</i>	<i>131.0</i>	<i>131.0</i>	<i>131.0</i>	<i>131.0</i>	<i>135.4</i>	<i>135.4</i>	<i>0.0</i>	<i>3.4</i>	<i>0.0</i>
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	<i>114.6</i>	<i>114.6</i>	<i>114.6</i>	<i>119.1</i>	<i>124.7</i>	<i>124.7</i>	<i>124.9</i>	<i>124.9</i>	<i>124.9</i>	<i>124.9</i>	<i>124.9</i>	<i>124.9</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</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	132.4	0.0	0.0	0.0
1079	Other food products n.e.c	15	137.3	139.1	139.1	139.1	139.1	139.1	139.1	139.1	142.1	143.5	143.5	143.5	1.0	0.0	0.0
10791	<i>Tea</i>	9	<i>142.1</i>	<i>145.3</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>										
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	<i>130.4</i>	<i>137.7</i>	<i>140.9</i>	<i>140.9</i>	<i>140.9</i>	<i>2.4</i>	<i>0.0</i>	<i>0.0</i>							
1080	Animal feed	73	148.5	148.5	148.5	148.5	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.0	0.0	0.0	0.0
110	Beverages	166	164.8	165.5	165.5	165.5	0.5	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	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	203.6	203.6	203.6	6.0	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	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1	0.0	0.0	0.0

Table 1(c) - Monthly indices by industry group, October 2014 to September 2015 - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Percentage change from		
															Jun 15 to Jul 15	Jul 15 to Aug 15	Aug 15 to Sep 15
20	Chemicals and chemical products	107	144.7	144.7	144.7	144.7	144.7	145.1	145.6	146.6	146.6	149.8	152.8	152.8	2.2	2.0	0.0
2011	Basic chemicals	22	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	150.8	150.8	150.8	9.2	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	142.7	142.7	0.0	5.8	0.0
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	156.9	156.9	156.9	156.9	156.9	157.8	158.9	161.5	161.5	162.8	162.8	162.8	0.8	0.0	0.0
22	Rubber and plastic products	59	111.6	111.6	110.6	118.8	111.4	111.4	113.3	117.4	117.4	117.4	117.4	117.5	0.0	0.0	0.1
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	159.6	0.0	0.0	-0.2
2219	Other rubber products e.g balloons, pipes and transmission belts	2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	70.8	0.0	0.0	8.8
2220	Plastic products	50	106.2	106.2	105.0	114.7	106.0	106.0	108.3	113.1	113.1	113.1	113.1	113.0	0.0	0.0	0.0

Table 2(a) - Quarterly & yearly indices by industry group, 3rd Quarter 2013 to 3rd Quarter 2015 - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	2013			2014					2015		
			3 rd Qr.	4 th Qr.	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.
10-33	Total manufacturing	1,000	134.3	134.3	134.0	133.5	133.8	134.0	133.9	133.8	133.8	134.5	135.7
10/11	Food products and beverages	608	138.0	137.8	137.6	136.4	136.2	136.5	136.7	136.4	136.4	137.0	137.6
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	179.1	179.9	177.4	184.1	187.1	188.4	190.7	187.6	192.2	194.4	198.4
15	Leather and related products	2	176.2	178.4	175.5	178.4	178.4	178.4	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	121.5	123.8	121.5	123.9	123.9	123.8	123.6	123.8	123.6	123.7	123.7
18	Printing and reproduction of recorded media	56	136.6	138.8	137.6	137.4	138.9	138.3	140.1	138.7	139.5	139.4	142.0
20	Chemicals and chemical products	107	141.6	142.9	141.4	143.3	144.3	144.7	144.7	144.3	144.8	146.3	151.8
22	Rubber and plastic products	59	110.7	110.7	110.3	111.0	111.5	112.1	111.2	111.5	113.9	116.1	117.4
23	Other non-metallic mineral products	3	91.2	91.2	91.2	91.2	91.2	92.3	94.6	92.3	94.6	94.6	94.6
24	Basic metals	35	108.7	108.7	108.8	107.0	106.0	104.2	101.1	104.6	98.7	97.6	97.5
25	Fabricated metal products	38	105.8	103.9	103.6	106.2	108.5	108.5	106.8	107.5	106.8	106.3	106.0
27	Electrical equipment	12	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	84.0	81.1	81.1
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
29	Motor vehicles, trailers and semi- trailers	3	151.6	151.6	151.8	151.6	150.8	151.2	151.6	151.3	155.5	155.5	156.8
30	Other transport equipment	4	81.8	81.9	81.6	82.0	84.3	88.3	87.8	85.6	87.8	88.1	88.8
31	Furniture	20	131.2	131.0	131.3	131.0	130.9	131.6	132.1	131.4	132.5	132.8	132.8
32	Other products	6	213.8	202.0	219.4	198.9	203.7	203.7	193.4	199.9	199.8	204.3	204.3

Table 2(b) - Quarterly & yearly indices by industry group, 3rd Quarter 2013 to 3rd Quarter 2015 - Manufacture of Food Products & Beverages.

Reference year 2007 = 100

NSIC	Industry group	Weight	2013			2014					2015		
			3 rd Qr.	4 th Qr.	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.
10-11	Total food products & beverages	608	138.0	137.8	137.6	136.4	136.2	136.5	136.7	136.4	136.4	137.0	137.6
101-108	Food products	442	130.9	129.0	130.2	126.0	125.8	125.9	126.1	125.9	125.7	126.5	127.1
1010	Processing and preserving of meat	143	112.2	112.3	112.0	112.3	112.4	111.5	111.7	112.0	109.6	109.5	109.4
1020	Processing and preserving of fish, crustaceans & molluscs	9	167.0	167.9	167.2	169.7	169.7	169.7	169.7	169.7	169.7	177.5	184.7
1030	Processing and preserving of fruits and vegetables	14	131.7	132.0	129.6	136.8	137.0	137.3	135.5	136.6	137.5	142.9	146.6
1040	Vegetable and animal oils and fats	44	137.3	132.2	137.7	131.8	131.8	131.8	128.3	130.9	121.3	121.3	121.3
1050	Dairy products	22	124.7	126.8	124.9	127.2	130.8	130.8	130.8	129.9	130.8	130.8	130.8
1061	Grain mill products	75	135.1	130.7	132.0	115.7	115.0	116.6	119.3	116.7	125.0	128.8	129.1
1071	Bakery products	35	122.4	123.2	122.3	124.7	124.8	124.8	124.8	124.8	128.2	129.3	131.5
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	125.9	127.0	125.8	128.3	128.4	128.4	128.4	128.4	130.1	131.0	133.9
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	112.3	112.3	112.3	114.6	114.6	114.6	114.6	114.6	122.8	124.9	124.9
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	131.6	131.6	129.7	132.1	132.2	135.6	138.5	134.6	139.1	140.1	143.5
10791	<i>Tea</i>	9	132.5	132.5	129.3	133.4	133.5	139.3	144.2	137.6	145.3	145.3	145.3
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	130.4	130.4	130.2	130.4	130.4	130.4	130.4	130.4	130.4	132.8	140.9
1080	Animal feed	73	160.4	155.4	160.4	150.8	148.5	148.5	148.5	149.0	146.2	145.0	145.0
110	Beverages	166	156.9	161.2	157.3	163.9	164.2	164.8	164.8	164.4	164.8	164.8	165.5
1101	Distilled potable alcoholic beverages	42	165.3	174.1	167.5	178.6	178.6	178.6	178.6	178.6	178.6	178.6	178.6
1102	Wines	11	176.2	177.5	176.1	178.2	182.9	192.1	192.1	186.3	192.1	192.1	203.6
1103	Malt liquors and malt including non alcoholic beer	87	151.5	154.9	151.4	157.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0
1104	Soft drinks, mineral waters and other bottled waters	26	153.0	154.3	152.9	156.9	156.9	156.9	157.1	156.9	157.1	157.1	157.1

Table 2(c) - Quarterly & yearly indices by industry group, 3rd Quarter 2013 to 3rd Quarter 2015 - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	2013			2014					2015		
			3 rd Qr.	4 th Qr.	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.
20	Chemicals and chemical products	107	141.6	142.9	141.4	143.3	144.3	144.7	144.7	144.3	144.8	146.3	151.8
2011	Basic chemicals	22	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	150.8
2022	Paints, varnishes and similar coatings, printing ink and mastics	40	130.8	134.0	131.6	134.8	134.8	134.8	134.8	134.8	134.8	134.8	140.0
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	152.9	153.3	151.8	153.6	156.0	156.9	156.9	155.8	157.2	160.7	162.8
22	Rubber and plastic products	59	110.7	110.7	110.3	111.0	111.5	112.1	111.2	111.5	113.9	116.1	117.4
2211	Rubber tyres and tubes, retreading and rebuilding of rubber tyres	7	159.9	159.9	158.6	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.8
2219	Other rubber products e.g balloons, pipes and transmission belts	2	59.5	60.0	64.0	60.2	63.7	65.3	65.1	63.6	65.1	65.1	67.0
2220	Plastic products	50	105.4	105.3	104.9	105.7	106.2	106.8	105.8	106.1	108.9	111.5	113.1

Table 3(a) - Quarterly percentage change by industry group, 4th Quarter 2013 to 3rd Quarter 2015 - Manufacturing Sector.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			3 rd Qr 14 to 4 th Qr 14	4 th Qr 14 to 1 st Qr 15	1 st Qr 15 to 2 nd Qr 15	2 nd Qr 15 to 3 rd Qr 15	4 th Qr 13 to 4 th Qr 14	1 st Qr 14 to 1 st Qr 15	2 nd Qr 14 to 2 nd Qr 15	3 rd Qr 14 to 3 rd Qr 15
			10-33	Total manufacturing	1,000	0.0	-0.1	0.5	0.9	-0.3
10/11	Food products and beverages	608	0.1	-0.2	0.5	0.5	-0.8	0.0	0.5	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	1.2	0.8	1.1	2.1	6.0	4.4	3.9	5.3
15	Leather and related products	2	0.0	0.0	0.0	0.0	0.0	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	-0.2	0.0	0.1	0.0	-0.1	-0.2	-0.2	-0.1
18	Printing and reproduction of recorded media	56	1.3	-0.5	-0.1	1.9	1.0	1.6	0.4	2.7
20	Chemicals and chemical products	107	0.0	0.1	1.0	3.8	1.3	1.0	1.4	4.9
22	Rubber and plastic products	59	-0.8	2.4	1.9	1.2	0.5	2.6	4.1	4.8
23	Other non-metallic mineral products	3	2.4	0.0	0.0	0.0	3.7	3.7	3.7	2.4
24	Basic metals	35	-3.0	-2.3	-1.1	-0.1	-7.1	-7.8	-8.0	-6.4
25	Fabricated metal products	38	-1.6	0.0	-0.4	-0.3	2.7	0.5	-2.0	-2.3
27	Electrical equipment	12	0.0	-6.5	-3.4	0.0	0.0	-6.5	-9.7	-9.7
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	0.3	2.6	0.0	0.8	0.0	2.6	3.2	3.7
30	Other transport equipment	4	-0.7	0.1	0.3	0.8	7.1	7.1	4.5	0.5
31	Furniture	20	0.4	0.3	0.2	0.0	0.8	1.1	1.5	0.9
32	Other products	6	-5.1	3.3	2.3	0.0	-4.2	0.4	0.3	0.3

Table 3(b) - Quarterly percentage change by industry group, 4th Quarter 2013 to 3rd Quarter 2015 - Manufacture of Food Products & Beverages.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			3 rd Qr 14	4 th Qr 14	1 st Qr 15	2 nd Qr 15	4 th Qr 13	1 st Qr 14	2 nd Qr 14	3 rd Qr 14
			to 4 th Qr 14	to 1 st Qr 15	to 2 nd Qr 15	to 3 rd Qr 15	to 4 th Qr 14	to 1 st Qr 15	to 2 nd Qr 15	to 3 rd Qr 15
10-11	Total food products & beverages	608	0.1	-0.2	0.5	0.5	-0.8	0.0	0.5	0.8
101-108	Food products	442	0.2	-0.3	0.7	0.5	-2.3	-0.3	0.6	1.0
1010	Processing and preserving of meat	143	0.2	-1.9	-0.2	0.0	-0.5	-2.4	-2.6	-1.8
1020	Processing and preserving of fish, crustaceans & molluscs	9	0.0	0.0	4.6	4.0	1.1	0.0	4.6	8.8
1030	Processing and preserving of fruits and vegetables	14	-1.3	1.5	3.9	2.6	2.7	0.5	4.3	6.7
1040	Vegetable and animal oils and fats	44	-2.6	-5.4	0.0	0.0	-2.9	-7.9	-7.9	-7.9
1050	Dairy products	22	0.0	0.0	0.0	0.0	3.2	2.9	0.0	0.0
1061	Grain mill products	75	2.3	4.8	3.1	0.2	-8.7	8.1	12.1	10.7
1071	Bakery products	35	0.0	2.7	0.9	1.7	1.3	2.8	3.6	5.4
10711/ 10712	<i>Bread/Pastries and cakes</i>	26	0.0	1.3	0.7	2.3	1.1	1.4	2.0	4.3
10713/ 10730	<i>Biscuits, other dry bakery products, cocoa, chocolate and sugar confectionery</i>	9	0.0	7.2	1.7	0.0	2.0	7.2	9.0	9.0
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	2.1	0.4	0.7	2.4	5.2	5.3	6.0	5.8
10791	<i>Tea</i>	9	3.6	0.7	0.0	0.0	8.9	8.9	8.8	4.3
10793/ 10799	<i>Spices, sauces, condiments and other food products n.e.c</i>	6	0.0	0.0	1.9	6.1	0.0	0.0	1.9	8.1
1080	Animal feed	73	0.0	-1.5	-0.8	0.0	-4.5	-3.0	-2.3	-2.3
110	Beverages	166	0.0	0.0	0.0	0.5	2.2	0.6	0.4	0.5
1101	Distilled potable alcoholic beverages	42	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0
1102	Wines	11	0.0	0.0	0.0	6.0	8.2	7.8	5.1	6.0
1103	Malt liquors and malt including non alcoholic beer	87	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0
1104	Soft drinks, mineral waters and other bottled waters	26	0.1	0.0	0.0	0.0	1.8	0.1	0.1	0.1

Table 3(c) - Quarterly percentage change by industry group, 4th Quarter 2013 to 3rd Quarter 2015 - Manufacture of Chemicals and Chemical Products & Rubber and Plastic Products.

Reference year 2007 = 100

NSIC	Industry group	Weight	Percentage change from							
			3 rd Qr 14 to 4 th Qr 14	4 th Qr 14 to 1 st Qr 15	1 st Qr 15 to 2 nd Qr 15	2 nd Qr 15 to 3 rd Qr 15	4 th Qr 13 to 4 th Qr 14	1 st Qr 14 to 1 st Qr 15	2 nd Qr 14 to 2 nd Qr 15	3 rd Qr 14 to 3 rd Qr 15
20	Chemicals and chemical products	107	0.0	0.1	1.0	3.8	1.3	1.0	1.4	4.9
2011	Basic chemicals	22	0.0	0.0	0.0	9.2	0.0	0.0	0.0	9.2
2022	Paints, varnishes and similar coatings, printing ink and mastics	40	0.0	0.0	0.0	3.9	0.6	0.0	0.0	3.9
2023	Soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	45	0.0	0.2	2.2	1.4	2.3	2.3	3.0	3.8
22	Rubber and plastic products	59	-0.8	2.4	1.9	1.2	0.5	2.6	4.1	4.8
2211	Rubber tyres and tubes, retreading and rebuilding of rubber tyres	7	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
2219	Other rubber products e.g balloons, pipes and transmission belts	2	-0.4	0.0	0.0	2.9	8.5	8.1	2.1	2.5
2220	Plastic products	50	-0.9	3.0	2.3	1.4	0.4	3.0	5.0	5.9

Table 4(a) - Comparative monthly and quarterly indices, January 2007 to September 2015- Manufacturing Sector.

Reference year 2007 = 100

Month	2007	2008	2009	2010	2011	2012	2013	2014	2015
January	92.9	110.7	114.8	111.4	119.3	126.7	131.1	133.9	134.4
February	94.2	111.6	111.6	111.6	123.1	126.3	133.8	133.3	133.2
March	94.7	112.5	111.8	111.7	122.7	125.8	134.1	133.4	134.0
Average 1st Quarter	94.0	111.6	112.7	111.6	121.7	126.3	133.0	133.5	133.8
April	98.6	113.4	110.7	112.6	122.5	126.5	134.3	133.6	134.1
May	98.6	113.7	109.9	113.7	122.8	126.7	134.4	133.7	134.4
June	101.7	113.4	109.6	114.3	123.7	127.1	134.3	134.1	134.9
Average 2nd Quarter	99.6	113.5	110.1	113.5	123.0	126.7	134.3	133.8	134.5
July	101.2	114.1	110.2	114.3	124.0	127.8	134.6	134.0	135.2
August	101.2	116.1	110.3	114.3	124.4	128.0	134.6	134.0	135.7
September	103.0	117.8	110.1	114.2	124.5	128.0	133.7	134.0	136.3
Average 3rd Quarter	101.8	116.0	110.2	114.3	124.3	127.9	134.3	134.0	135.7
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								
Annual change (%)		15.0	-3.5	2.5	8.9	3.2	4.8	-0.1	

Table 4(b) - Comparative monthly and quarterly sub - indices, January 2007 to September 2015 - Food Products and Beverages.

Reference year 2007 = 100

Month	2007	2008	2009	2010	2011	2012	2013	2014	2015
January	91.6	114.4	118.7	112.2	117.6	128.7	133.1	137.1	136.4
February	93.2	115.6	113.7	112.4	123.9	127.2	137.7	136.0	135.7
March	93.8	117.1	113.9	112.7	122.7	127.2	138.1	135.9	136.9
Average 1st Quarter	92.9	115.7	115.4	112.4	121.4	127.7	136.3	136.4	136.4
April	99.6	118.3	113.9	112.8	123.1	128.1	138.3	136.1	136.9
May	99.7	118.6	112.5	113.5	123.0	128.4	138.4	136.2	136.8
June	102.8	118.3	112.0	113.8	123.2	129.1	138.3	136.4	137.2
Average 2nd Quarter	100.7	118.4	112.8	113.4	123.1	128.5	138.3	136.2	137.0
July	101.1	118.3	112.7	113.8	123.6	129.9	138.5	136.2	137.2
August	100.9	120.3	112.6	114.0	124.0	130.1	138.5	136.5	137.4
September	103.3	122.2	112.3	113.9	124.6	129.9	137.0	136.8	138.3
Average 3rd Quarter	101.8	120.3	112.5	113.9	124.1	130.0	138.0	136.5	137.6
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 visited 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 months 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.