

# PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

1<sup>st</sup> Quarter 2011

## 1. Introduction

This issue of the “Economic and Social Indicators (ESI)” presents a series of the PPI-M for the period from January 2007 to March 2011.

The Producer Price Index (PPI-M) measures changes in the effective prices received by producers of the Manufacturing sector for that part of their output, which is sold on the domestic market. It reflects the price trends of a constant basket of goods, representative of the output of these manufacturing industries. Its coverage, therefore, excludes Export Oriented Enterprises whose outputs are usually meant for export.

The methodology for compiling the PPI-M is based on the current level of prices while keeping the weights constant as at a particular base year which is updated, usually every five years. The weights for the PPI-M 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).

The index is compiled and presented for 17 Divisions (2-digits level of the National Standard Industrial Classifications of all Economic Activities, NSIC). To meet demands of users for indices at more detailed level, the following divisions have been further disaggregated to present the index at finer levels of industrial classifications: (a) Division 15 – “Manufacture of food products and beverages”, (b) Division 24 – “Manufacture of chemicals and chemical products” and (c) Division 26 - “Manufacture of other non-metallic mineral products”.

The monthly indices for the last 12 months (April 2010 to March 2011) are given in Table 1. Tables 2 to 5 present the monthly indices for 2010, 2009, 2008, 2007 respectively while the PPI-M for each quarter of 2009, 2010 and the first quarter of 2011 are given at Table 6.

Comparative monthly and quarterly indices for the manufacturing sector as well as for Division 15 “Manufacture of food products and beverages” for the period from January 1999 to March 2011 are given at Table 7. The methodology used for the calculation of the index is given in annex.

## 2. Producer Price Index (Year 2007 = 100)

### 2.1 Monthly Index

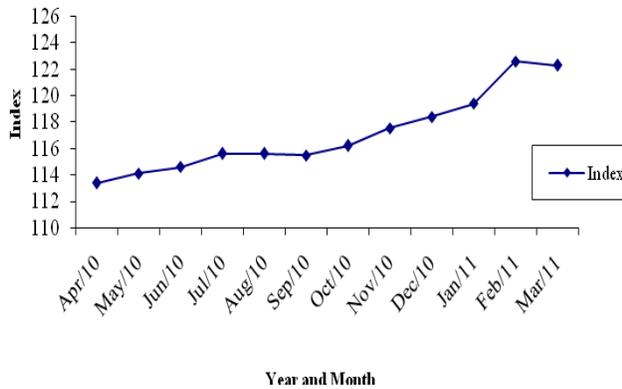
#### 2.11 Manufacturing Sector

The Producer Price Index for the manufacturing sector, which stood at 118.4 in December 2010, registered a net increase of 3.9 points (+3.3%) to reach 122.3 in March 2011. The index gained 1 point (+0.8%) in January, 3.2 points (+2.8%) in February and decreased by 0.3 point (-0.3%) in March 2011 (Table 1a).

The 0.8% increase in the overall index in January was mainly explained by higher prices in “Manufacture of food products and beverages” (+0.5%), “Manufacture of other non-metallic mineral products” (+1.7%) and “Manufacture of electrical machinery and apparatus” (+10.1%), partly offset by a decrease in “Publishing, printing and reproduction of recorded media” (-1.0%).

In February, the overall index increased by 2.8% mainly due to higher prices in the following indices: “Manufacture of food products and beverages” (+5.0%) and “Manufacture of other non-metallic mineral products” (+1.6%) and “Manufacture of fabricated metal products” (+1.0%).

Fig 1: Overall monthly indices April 2010 - March 2011  
Manufacturing sector



The index registered a decrease of 0.3% in March. This was mostly due to the net effect of changes in the index of the following activity groups: “Manufacture of food products and beverages” (-0.9%), “Manufacture of motor vehicles, trailers and semi-trailers”(-1.7%), “Manufacture of other transport equipment” (-0.7%), “Manufacture of other non-metallic mineral products” (+1.0%) and “Manufacture of rubber and plastic products” (+1.4%).

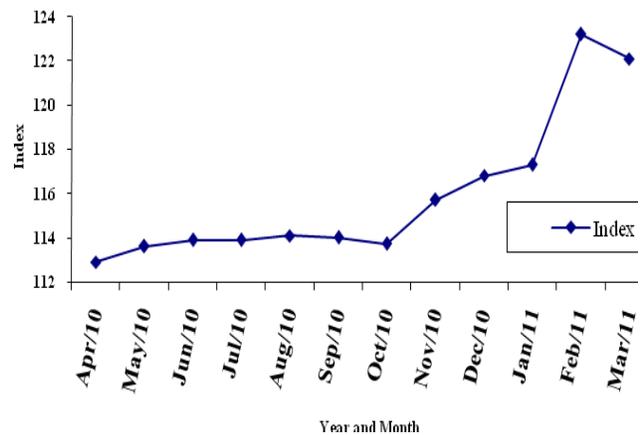
As shown graphically in Fig. 1, a fairly stable rise is noted from April to September followed by a rise from September to January. A sharper rise is noted from January to February followed by a decline in March

### 2.12 Manufacture of Food and Beverages

The activity group “Manufacture of food products and beverages” accounts for more than 50% of the overall weight of the manufacturing sector. The index for this activity group increased by 0.5 point (+0.5%) in January, moved up by 5.9 points (+5.0%) in February and decreased by 1.1 points (-0.9%) in March (Table 1b).

The 0.5% increase in the index of January was mostly explained by increases in the following sub-indices: “Manufacture of grain mill products” (+6.3%) and “Manufacture of other food products” (+0.7%) and “Processing and preservation of fruits and vegetables” (+1.0%). The index registered an increase of 5.0% in February. This was mostly attributable to increases in “Manufacture of grain mill products” (+19.0%), “Manufacture of prepared animal feeds” (+11.6%) and “Manufacture of vegetable and animal oils and fats” (+14.7%). The 0.9% decrease in March was largely due to lower prices in the following sub-indices “Production, processing and preservation of meat and meat products” (-3.2%), “Manufacture of grain mill products” (-2.2%) and “Processing and preservation of fruits and vegetables” (-4.6%)

Fig 2: Overall monthly indices April 2010 - March 2011  
Food products and Beverages



### 2.13 Manufacture of other non-metallic mineral products

The activity group ‘Manufacture of other non-metallic mineral products’ contributes around 11.7% of the total weight of the manufacturing sector. The index pertaining to this group gained 2.2 points (+1.7%) in January, moved up by 2 points (+1.6%) in February and moved further up by 1.4 points (+1.0%) in March (Table 1c).

### 2.14 *Manufacture of chemicals and chemical products*

The sub-index “Manufacture of chemicals and chemical products”, which accounts for 9.5% of the overall weight, increased by 0.8 point (+0.6%) in January 2011, 0.2 point (+0.1%) in February and 0.1 point (+0.1%) in March (Table 1c).

## 2.2 *Quarterly Index*

### 2.2.1 *Manufacturing Sector*

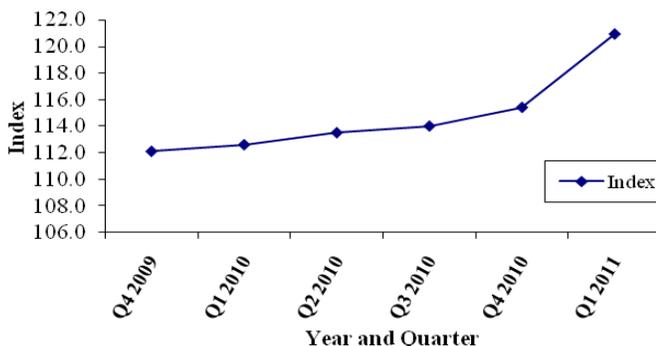
Table 6 gives the evolution of the Producer Price Index on a quarterly basis, the quarterly index being computed as the arithmetic mean of the monthly indices. The index, which was 117.4 in the fourth quarter of 2010, went up by 4 points (+3.5%) to attain 121.4 in the first quarter of 2011. This was mainly due to higher prices in “Manufacture of food products and beverages” (+4.7%), “Manufacture of other non-metallic mineral products” (+3.1%) and “Manufacture of electrical machinery and apparatus” (+18.0%).

Compared to the corresponding quarter of 2010, the overall index for the first quarter of 2011 moved up by 8 points (+7.1%). This was largely attributable to increases in “Manufacture of food products and beverages” (+7.4%), “Manufacture of other non-metallic mineral products” (+9.9%), “Manufacture of chemicals and chemical products” (+4.8%) and “Manufacture of furniture, and manufacturing n.e.c” (+7.9%).

### 2.2.2 *Manufacture of Food and Beverages*

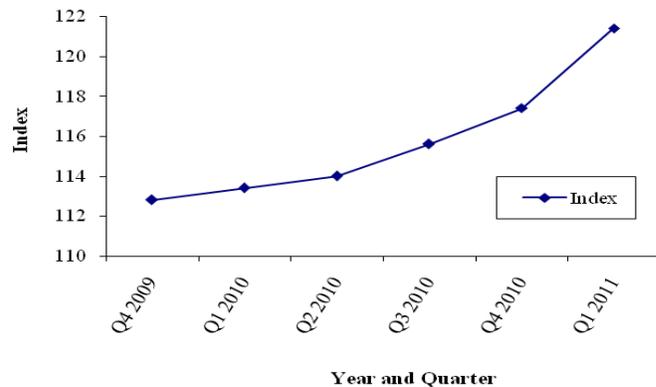
Within “Manufacture of food products and beverages”, “Manufacture of food products” gained 6.7 points (+5.9%) compared to the previous quarter of 2010 (Table 6b). This was mostly explained by higher prices in “Manufacture of grain mill products” (+20.0%), “Manufacture of vegetable and animal oils and fats” (+18.2%) and “Manufacture of prepared animal feeds” (+7.7%). The index for “Manufacture of beverages” increased by 2.7 points (+2.2%) largely as a result of increases in “Distilling, blending & bottling of spirit” (+2.5%) and “Beer” (+1.4%).

**Fig 4: Overall quarterly indices : Q4 2009 - Q1 2011  
Food products and Beverages**



Within “Manufacture of food products and beverages”, “Manufacture of food products” registered an increase of 8.9 points (+8.0%) and “Manufacture of beverages”, 7 points (+5.9%) compared to the corresponding quarter of 2010. At a more detailed level, increases were noted in “Manufacture of grain mill products” (+17.9%), “Manufacture of vegetable and animal oils and fats” (+22.9%), “Manufacture of prepared animal feeds” (+7.7%), “Distilling, blending & bottling of spirit” (+8.0%) and “Beer” (+4.4%)

**Fig 3: Overall quarterly indices, 4<sup>th</sup> Quarter 2009 to 1<sup>st</sup> Quarter 2011  
Manufacturing sector**



### 2.2.3 Manufacture of other non-metallic mineral products

The index registered an increase of 4 points (+3.1%) compared to the fourth quarter of 2010 and gained 12 points (+9.9%) when compared to the corresponding quarter of 2009. These are mainly the results of higher prices in “Manufacture of articles of concrete” (+5.4%).

### 2.2.4 Manufacture of chemicals and chemical products

The index increased by 1.3 points (+1.1%) compared to the previous quarter of 2010. This was mainly due to increases in “Manufacture of soap, detergents and cleaning preparations and cosmetics” (+2.5%). Compared to the corresponding quarter of 2010, the index moved up by 5.8 points (+4.8%) mostly attributable to higher prices in “Manufacture of soap, detergents and cleaning preparations and cosmetics” (+7.0%).

## **2.3 Yearly Index**

The yearly averages since year 1999 for the sector and the group “Manufacture of food products and beverages” are shown in Tables 7(a) and 7(b) respectively. The yearly overall index for 2010 was 115.1 i.e 2.7 points (+2.4%) higher than the figure of 112.4 in 2009. The yearly average for “Manufacture of food products and beverages” in 2010 was 113.8 compared to 113.2 in 2009, i.e., an increase of 0.6 point (+ 0.5%).

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**Table 1(a) - Monthly indices by NSIC group, April 2010 to March 2011 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Percent changes (%) from		
															Dec 10 to Jan 11	Jan 11 to Feb 11	Feb 11 to Mar 11
15	Manufacture of food products and beverages	514	112.9	113.6	113.9	113.9	114.1	114.0	113.7	115.7	116.8	117.3	123.2	122.1	0.5	5.0	-0.9
17	Manufacture of textiles	6	130.3	130.8	131.3	132.9	132.9	134.8	135.7	137.0	137.6	140.4	141.5	142.5	2.0	0.8	0.7
18	Manufacture of wearing apparel	16	103.1	103.1	103.1	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	0.0	0.0	0.0
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	0.0	0.0	0.0
20	Manufacture of wood, wood products and cork except furniture	14	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	0.0	0.0	0.0
21	Manufacture of paper and paper products	9	109.5	109.5	109.5	110.4	111.0	111.0	111.0	111.0	112.8	120.4	120.4	122.9	6.7	0.0	2.1
22	Publishing, printing and reproduction of recorded media	59	106.4	106.4	107.7	108.1	108.1	108.1	110.8	108.4	113.9	112.8	112.8	112.8	-1.0	0.0	0.0
24	Manufacture of chemicals and chemical products	95	123.5	123.5	124.2	125.1	125.1	125.1	126.9	126.9	127.6	128.4	128.6	128.7	0.6	0.1	0.1
25	Manufacture of rubber and plastic products	51	109.0	109.0	109.2	110.0	110.0	110.0	113.4	113.4	113.4	112.9	112.9	114.5	-0.5	0.0	1.4
26	Manufacture of other non-metallic mineral products	117	118.5	118.7	118.7	126.1	126.1	126.4	129.4	129.4	129.4	131.6	133.6	135.0	1.7	1.6	1.0
27	Manufacture of basic metals	24	95.6	104.6	111.9	102.9	102.9	102.9	103.2	107.3	101.0	103.7	103.1	103.2	2.7	-0.6	0.1
28	Manufacture of fabricated metal products	33	107.3	107.3	107.9	107.9	108.2	106.4	107.3	107.3	107.3	108.1	109.1	109.1	0.7	1.0	0.0
29	Manufacture of machinery and equipment n.e.c	9	101.3	101.3	101.3	101.9	101.9	101.9	101.9	101.9	101.9	107.0	107.0	107.0	5.0	0.0	0.0
31	Manufacture of electrical machinery and apparatus	12	84.1	84.1	84.1	89.4	84.1	84.1	84.1	89.3	94.9	105.5	105.5	105.5	10.1	0.0	0.0
34	Manufacture of motor vehicles, trailers and semi-trailers	3	127.6	127.6	127.6	130.1	130.1	130.1	130.1	132.3	132.3	138.6	138.6	136.2	4.6	0.0	-1.7
35	Manufacture of other transport equipment	3	107.1	110.3	118.2	112.3	109.7	109.2	108.4	107.6	107.8	108.5	104.9	104.2	0.6	-3.3	-0.7
36	Manufacture of furniture, and manufacturing n.e.c.	33	132.4	133.1	133.4	134.5	134.5	134.6	134.0	138.9	138.9	142.1	142.1	142.1	2.3	0.0	0.0
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>113.4</b>	<b>114.1</b>	<b>114.6</b>	<b>115.5</b>	<b>115.6</b>	<b>115.5</b>	<b>116.2</b>	<b>117.5</b>	<b>118.4</b>	<b>119.4</b>	<b>122.6</b>	<b>122.3</b>	<b>0.8</b>	<b>2.8</b>	<b>-0.3</b>

**Table 1 (b) - Food Products and Beverages :- Monthly indices by NSIC Group, April 2010 to March 2011**

Year 2007 = 100

NSIC	Activity group	Weight	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Percent changes (%) from		
															Dec 10 to Jan 11	Jan 11 to Feb 11	Feb 11 to Mar 11
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>111.4</b>	<b>112.4</b>	<b>112.8</b>	<b>112.7</b>	<b>113.0</b>	<b>112.9</b>	<b>112.4</b>	<b>112.9</b>	<b>114.3</b>	<b>115.1</b>	<b>123.1</b>	<b>121.5</b>	<b>0.7</b>	<b>7.0</b>	<b>-1.3</b>
1511	Production, processing and preservation of meat and meat products	122	105.6	105.6	105.6	107.9	107.9	107.9	107.9	107.9	107.9	107.9	107.9	104.4	0.0	0.0	-3.2
1512	Processing and preservation of fish and fish products	7	130.3	130.3	150.2	150.2	150.2	150.2	145.5	145.5	145.5	134.1	134.1	134.1	-7.8	0.0	0.0
1513	Processing and preservation of fruits and vegetables	7	117.3	118.9	118.9	118.9	118.9	118.9	118.9	118.9	118.9	120.0	122.6	117.0	1.0	2.2	-4.6
1514	Manufacture of vegetable and animal oils and fats	36	112.8	111.6	111.6	111.5	111.9	111.9	111.9	113.7	126.3	126.3	144.8	144.8	0.0	14.7	0.0
1520	Manufacture of dairy products	20	111.3	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	115.8	0.0	0.0	2.3
1531	Manufacture of grain mill products	61	99.4	105.1	104.9	99.6	99.0	98.1	95.9	97.7	98.3	104.5	124.4	121.7	6.3	19.0	-2.2
1533	Manufacture of prepared animal feeds	59	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	145.1	145.1	0.0	11.6	0.0
1541	Manufacture of bakery products, of which	27	111.5	111.5	111.5	111.8	111.8	111.7	111.7	111.7	111.9	110.3	114.2	114.2	-1.5	3.6	0.0
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	112.7	112.7	112.7	112.7	112.7	112.5	112.5	112.5	112.5	112.5	116.2	116.2	0.0	3.2	0.0
15413/ 15430	<i>Biscuits manufacturing</i>	6	107.1	107.1	107.1	108.8	108.8	108.8	108.8	108.8	109.6	102.2	107.3	107.3	-6.7	5.0	0.0
1544	Manufacture of macaroni, noodles and similar products	10	117.6	117.6	117.6	117.6	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	0.0	0.0	0.0
1549	Manufacture of other food products	11	116.4	116.8	117.7	119.1	118.5	118.8	118.8	119.2	120.1	121.0	120.5	120.3	0.7	-0.3	-0.2
15491	<i>Tea</i>	7	119.5	120.0	118.8	119.4	118.4	119.0	119.0	119.5	121.1	122.4	121.7	121.3	1.0	-0.5	-0.3
15494/ 15495	<i>Spices and Peanut butter</i>	2	126.4	126.4	135.6	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	141.2	0.0	0.0	0.0
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>116.5</b>	<b>116.5</b>	<b>116.5</b>	<b>116.6</b>	<b>116.6</b>	<b>116.6</b>	<b>116.6</b>	<b>122.4</b>	<b>122.6</b>	<b>122.6</b>	<b>123.5</b>	<b>123.5</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>
1551	Distilling, blending & bottling of spirit	53	112.5	112.5	112.5	112.5	112.5	112.5	112.5	121.4	121.4	121.4	121.4	121.4	0.0	0.0	0.0
1552	Wine	9	128.2	128.2	128.2	128.4	128.4	128.4	128.2	135.2	138.5	138.5	138.5	138.5	0.0	0.0	0.0
1553	Beer	71	115.2	115.2	115.2	115.4	115.4	115.4	115.4	120.4	120.4	120.4	120.4	120.4	0.0	0.0	0.0
1554	Soft drinks	21	125.7	125.8	125.8	125.8	125.8	125.8	126.0	126.0	126.0	126.0	132.6	132.6	0.0	5.3	0.0
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>112.9</b>	<b>113.6</b>	<b>113.9</b>	<b>113.9</b>	<b>114.1</b>	<b>114.0</b>	<b>113.7</b>	<b>115.7</b>	<b>116.8</b>	<b>117.3</b>	<b>123.2</b>	<b>122.1</b>	<b>0.5</b>	<b>5.0</b>	<b>-0.9</b>

**Table 1 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, April 2010 to March 2011 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Percent changes (%) from		
															Dec 10 to Jan 11	Jan 11 to Feb 11	Feb 11 to Mar 11
24	<b>Manufacture of chemicals and chemical products</b>	95	123.5	123.5	124.2	125.1	125.1	125.1	126.9	126.9	127.6	128.4	128.6	128.7	0.6	0.1	0.1
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	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
2422	<i>Manufacture of ink, paints, etc.</i>	34	116.7	116.7	116.7	116.7	116.7	116.7	122.8	122.8	122.8	122.8	122.8	122.8	0.0	0.0	0.0
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	122.4	122.4	123.9	126.1	126.1	126.1	125.2	125.2	126.7	128.6	128.8	129.1	1.5	0.2	0.2
26	<b>Manufacture of other non-metallic mineral products</b>	117	118.5	118.7	118.7	126.1	126.1	126.4	129.4	129.4	129.4	131.6	133.6	135.0	1.7	1.6	1.0
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	121.1	121.1	121.1	121.1	120.8	120.8	120.8	120.8	120.8	120.8	120.8	0.0	0.0	0.0
2695	<i>Manufacture of articles of concrete</i>	27	108.8	108.8	108.8	108.8	108.8	109.9	109.9	109.9	109.9	109.9	115.9	121.6	0.0	5.4	5.0
2699	<i>Manufacture of other non-metallic mineral products</i>	87	121.7	121.7	121.7	131.6	131.6	131.7	135.7	135.7	135.7	138.7	139.6	139.6	2.2	0.7	0.0

**Table2 (a) - Monthly indices by NSIC group, January 2010 to December 2010 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Average year 2010
15	Manufacture of food products and beverages	514	112.3	112.6	112.8	112.9	113.6	113.9	113.9	114.1	114.0	113.7	115.7	116.8	<b>113.8</b>
17	Manufacture of textiles	6	128.1	128.5	129.5	130.3	130.8	131.3	132.9	132.9	134.8	135.7	137.0	137.6	<b>132.4</b>
18	Manufacture of wearing apparel	16	103.1	103.1	103.1	103.1	103.1	103.1	105.4	105.4	105.4	105.4	105.4	105.4	<b>104.3</b>
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	129.1	129.1	129.1	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	<b>134.7</b>
20	Manufacture of wood, wood products and cork except furniture	14	108.0	108.0	108.0	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	103.6	<b>104.7</b>
21	Manufacture of paper and paper products	9	107.0	107.0	106.4	109.5	109.5	109.5	110.4	111.0	111.0	111.0	111.0	112.8	<b>109.7</b>
22	Publishing, printing and reproduction of recorded media	59	106.4	106.4	106.4	106.4	106.4	107.7	108.1	108.1	108.1	110.8	108.4	113.9	<b>108.1</b>
24	Manufacture of chemicals and chemical products	95	122.3	122.8	122.8	123.5	123.5	124.2	125.1	125.1	125.1	126.9	126.9	127.6	<b>124.7</b>
25	Manufacture of rubber and plastic products	51	108.0	108.0	108.0	109.0	109.0	109.2	110.0	110.0	110.0	113.4	113.4	113.4	<b>110.1</b>
26	Manufacture of other non-metallic mineral products	117	121.4	121.4	121.4	118.5	118.7	118.7	126.1	126.1	126.4	129.4	129.4	129.4	<b>123.9</b>
27	Manufacture of basic metals	24	94.8	94.8	94.3	95.6	104.6	111.9	102.9	102.9	102.9	103.2	107.3	101.0	<b>101.4</b>
28	Manufacture of fabricated metal products	33	107.3	107.3	107.3	107.3	107.3	107.9	107.9	108.2	106.4	107.3	107.3	107.3	<b>107.4</b>
29	Manufacture of machinery and equipment n.e.c	9	101.3	101.3	101.3	101.3	101.3	101.3	101.9	101.9	101.9	101.9	101.9	101.9	<b>101.6</b>
31	Manufacture of electrical machinery and apparatus	12	77.4	79.7	79.7	84.1	84.1	84.1	89.4	84.1	84.1	84.1	89.3	94.9	<b>84.6</b>
34	Manufacture of motor vehicles, trailers and semi-trailers	3	127.6	127.6	127.6	127.6	127.6	127.6	130.1	130.1	130.1	130.1	132.3	132.3	<b>129.2</b>
35	Manufacture of other transport equipment	3	102.5	102.9	106.1	107.1	110.3	118.2	112.3	109.7	109.2	108.4	107.6	107.8	<b>108.5</b>
36	Manufacture of furniture, and manufacturing n.e.c.	33	131.6	131.6	132.0	132.4	133.1	133.4	134.5	134.5	134.6	134.0	138.9	138.9	<b>134.1</b>
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>113.2</b>	<b>113.4</b>	<b>113.5</b>	<b>113.4</b>	<b>114.1</b>	<b>114.6</b>	<b>115.5</b>	<b>115.6</b>	<b>115.5</b>	<b>116.2</b>	<b>117.5</b>	<b>118.4</b>	<b>115.1</b>

**Table 2 (b) - Food Products and Beverages :- Monthly indices by NSIC Group, January 2010 to December 2010**

NSIC	Activity group	Weight	Year 2007 = 100												Average year 2010
			Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>110.7</b>	<b>111.0</b>	<b>111.2</b>	<b>111.4</b>	<b>112.4</b>	<b>112.8</b>	<b>112.7</b>	<b>113.0</b>	<b>112.9</b>	<b>112.4</b>	<b>112.9</b>	<b>114.3</b>	<b>112.3</b>
1511	Production, processing and preservation of meat and meat products	122	104.7	105.2	105.2	105.6	105.6	105.6	107.9	107.9	107.9	107.9	107.9	107.9	<b>106.6</b>
1512	Processing and preservation of fish and fish products	7	130.3	130.3	130.3	130.3	130.3	150.2	150.2	150.2	150.2	145.5	145.5	145.5	<b>140.7</b>
1513	Processing and preservation of fruits and vegetables	7	115.6	115.6	117.3	117.3	118.9	118.9	118.9	118.9	118.9	118.9	118.9	118.9	<b>118.1</b>
1514	Manufacture of vegetable and animal oils and fats	36	112.8	112.8	112.8	112.8	111.6	111.6	111.5	111.9	111.9	111.9	113.7	126.3	<b>113.5</b>
1520	Manufacture of dairy products	20	107.5	107.5	111.3	111.3	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	<b>111.9</b>
1531	Manufacture of grain mill products	61	99.1	99.3	98.8	99.4	105.1	104.9	99.6	99.0	98.1	95.9	97.7	98.3	<b>99.6</b>
1533	Manufacture of prepared animal feeds	59	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	<b>130.0</b>
1541	Manufacture of bakery products, of which	27	110.3	111.5	111.5	111.5	111.5	111.5	111.8	111.8	111.7	111.7	111.7	111.9	<b>111.5</b>
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.5	112.5	112.5	112.5	<b>112.7</b>
15413/ 15430	<i>Biscuits manufacturing</i>	6	101.7	107.1	107.1	107.1	107.1	107.1	108.8	108.8	108.8	108.8	108.8	109.6	<b>107.6</b>
1544	Manufacture of macaroni, noodles and similar products	10	117.6	117.6	117.6	117.6	117.6	117.6	117.6	132.4	132.4	132.4	132.4	132.4	<b>123.7</b>
1549	Manufacture of other food products	11	117.2	117.1	117.5	116.4	116.8	117.7	119.1	118.5	118.8	118.8	119.2	120.1	<b>118.1</b>
15491	<i>Tea</i>	7	119.6	119.3	119.9	119.5	120.0	118.8	119.4	118.4	119.0	119.0	119.5	121.1	<b>119.5</b>
15494/ 15495	<i>Spices and Peanut butter</i>	2	126.4	126.4	126.4	126.4	126.4	135.6	141.2	141.2	141.2	141.2	141.2	141.2	<b>134.6</b>
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>116.1</b>	<b>116.1</b>	<b>116.5</b>	<b>116.5</b>	<b>116.5</b>	<b>116.5</b>	<b>116.6</b>	<b>116.6</b>	<b>116.6</b>	<b>116.6</b>	<b>122.4</b>	<b>122.6</b>	<b>117.4</b>
1551	Distilling, blending & bottling of spirit	53	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	121.4	121.4	<b>113.9</b>
1552	Wine	9	122.1	122.1	128.2	128.2	128.2	128.2	128.4	128.4	128.4	128.2	135.2	138.5	<b>128.7</b>
1553	Beer	71	115.2	115.2	115.2	115.2	115.2	115.2	115.4	115.4	115.4	115.4	120.4	120.4	<b>116.1</b>
1554	Soft drinks	21	125.8	125.8	125.8	125.7	125.8	125.8	125.8	125.8	125.8	126.0	126.0	126.0	<b>125.9</b>
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>112.3</b>	<b>112.6</b>	<b>112.8</b>	<b>112.9</b>	<b>113.6</b>	<b>113.9</b>	<b>113.9</b>	<b>114.1</b>	<b>114.0</b>	<b>113.7</b>	<b>115.7</b>	<b>116.8</b>	<b>113.8</b>

**Table 2 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2010 to December 2010 - Manufacturing Sector**

Year 2007 = 100															
NSIC	Activity group	Weight	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Average year 2010
24	<b>Manufacture of chemicals and chemical products</b>	95	122.3	122.8	122.8	123.5	123.5	124.2	125.1	125.1	125.1	126.9	126.9	127.6	124.7
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1
2422	<i>Manufacture of ink, paints, etc.</i>	34	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	122.8	122.8	122.8	118.3
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	119.6	120.9	120.9	122.4	122.4	123.9	126.1	126.1	126.1	125.2	125.2	126.7	123.8
26	<b>Manufacture of other non-metallic mineral products</b>	117	121.4	121.4	121.4	118.5	118.7	118.7	126.1	126.1	126.4	129.4	129.4	129.4	123.9
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	121.1	121.1	121.1	121.1	120.8	120.8	120.8	120.8	118.9
2695	<i>Manufacture of articles of concrete</i>	27	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	109.9	109.9	109.9	109.9	109.2
2699	<i>Manufacture of other non-metallic mineral products</i>	87	125.6	125.6	125.6	121.7	121.7	121.7	131.6	131.6	131.7	135.7	135.7	135.7	128.6

**Table 3 (a) - Monthly indices by NSIC group, 2009 - Manufacturing Sector**

**Year 2007 = 100**

NSIC	Activity group	Weight	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Average year 2009
15	Manufacture of food products and beverages	514	118.2	113.4	113.6	114.1	112.7	112.2	112.9	112.8	112.5	112.3	112.1	112.0	<b>113.2</b>
17	Manufacture of textiles	6	128.1	128.5	129.5	130.3	130.8	131.3	95.4	95.4	95.4	95.4	95.4	95.4	<b>112.6</b>
18	Manufacture of wearing apparel	16	100.0	100.0	100.0	100.0	100.0	103.1	103.1	103.1	103.1	103.1	103.1	103.1	<b>101.8</b>
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	140.6	140.6	140.6	148.7	148.7	148.7	140.6	140.6	140.6	140.6	140.6	140.6	<b>142.6</b>
20	Manufacture of wood, wood products and cork except furniture	14	114.8	114.0	114.0	114.0	114.0	114.0	114.6	114.6	113.3	110.5	110.5	110.5	<b>113.2</b>
21	Manufacture of paper and paper products	9	103.7	103.7	103.7	103.7	103.7	103.7	105.0	105.0	105.0	105.0	105.0	107.0	<b>104.5</b>
22	Publishing, printing and reproduction of recorded media	59	101.7	101.7	101.7	101.7	101.7	101.7	101.7	106.4	106.4	106.4	106.4	117.1	<b>104.5</b>
24	Manufacture of chemicals and chemical products	95	114.4	114.4	114.4	115.5	115.6	115.8	117.0	117.0	117.1	118.0	118.0	118.0	<b>116.3</b>
25	Manufacture of rubber and plastic products	51	99.3	99.3	99.4	100.5	100.7	100.8	100.8	101.2	101.3	109.7	109.9	109.8	<b>102.7</b>
26	Manufacture of other non-metallic mineral products	117	118.6	118.6	118.6	118.6	118.6	118.6	121.5	121.5	121.5	121.5	121.4	121.4	<b>120.0</b>
27	Manufacture of basic metals	24	136.2	136.2	136.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	<b>105.2</b>
28	Manufacture of fabricated metal products	33	109.2	109.4	109.4	109.4	109.4	109.4	108.1	108.1	108.1	108.1	107.9	107.7	<b>108.7</b>
29	Manufacture of machinery and equipment n.e.c	9	93.5	93.5	93.5	103.9	103.9	103.9	101.3	101.3	101.3	101.3	101.3	101.3	<b>100.0</b>
31	Manufacture of electrical machinery and apparatus	12	72.4	52.2	58.1	58.1	58.5	58.5	62.6	66.8	70.8	70.8	74.4	77.4	<b>65.0</b>
34	Manufacture of motor vehicles, trailers and semi-trailers	3	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	<b>124.6</b>
35	Manufacture of other transport equipment	3	106.2	107.7	110.8	110.3	109.8	108.9	109.7	108.2	106.4	104.7	103.6	100.4	<b>107.2</b>
36	Manufacture of furniture, and manufacturing n.e.c.	33	123.8	123.9	123.9	123.8	122.3	121.8	121.8	121.8	121.8	127.7	132.0	131.6	<b>124.7</b>
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>115.1</b>	<b>112.4</b>	<b>112.6</b>	<b>112.1</b>	<b>111.4</b>	<b>111.2</b>	<b>111.8</b>	<b>112.1</b>	<b>111.9</b>	<b>112.5</b>	<b>112.6</b>	<b>113.2</b>	<b>112.4</b>

**Table 3 (b) - Food Products and Beverages: Monthly indices by NSIC Group, 2009**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Average year 2009
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>120.6</b>	<b>113.8</b>	<b>114.0</b>	<b>114.0</b>	<b>112.0</b>	<b>111.3</b>	<b>112.3</b>	<b>112.2</b>	<b>111.7</b>	<b>111.4</b>	<b>111.1</b>	<b>110.8</b>	<b>112.9</b>
1511	Production, processing and preservation of meat and meat products	122	107.0	107.0	107.0	105.7	101.6	101.6	104.5	104.5	104.7	104.7	104.7	104.7	<b>104.8</b>
1512	Processing and preservation of fish and fish products	7	126.3	126.3	126.3	126.3	126.3	126.3	126.8	126.8	126.8	130.3	130.3	130.3	<b>127.4</b>
1513	Processing and preservation of fruits and vegetables	7	105.8	105.8	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.6	115.6	115.6	<b>113.6</b>
1514	Manufacture of vegetable and animal oils and fats	36	133.1	123.7	123.7	123.7	123.7	117.4	117.4	117.4	116.0	116.0	115.6	115.6	<b>120.3</b>
1520	Manufacture of dairy products	20	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	<b>109.4</b>
1531	Manufacture of grain mill products	61	142.5	107.8	107.8	110.3	107.0	106.5	105.8	105.0	102.4	100.4	98.6	97.1	<b>107.6</b>
1533	Manufacture of prepared animal feeds	59	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	<b>130.0</b>
1541	Manufacture of bakery products, of which	27	110.4	110.4	110.4	110.4	110.4	110.4	112.2	112.3	112.3	112.2	112.2	112.2	<b>111.3</b>
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	110.5	110.5	110.5	110.5	110.5	110.5	112.7	112.7	112.7	112.7	112.7	112.7	<b>111.6</b>
15413/ 15430	<i>Biscuits manufacturing</i>	6	110.0	110.0	110.0	110.0	110.0	110.0	110.5	110.8	110.8	110.6	110.6	110.6	<b>110.3</b>
1544	Manufacture of macaroni, noodles and similar products	10	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	<b>117.6</b>
1549	Manufacture of other food products	11	113.7	113.7	113.7	113.5	113.2	113.7	113.1	113.2	113.6	114.0	113.9	113.3	<b>113.6</b>
15491	<i>Tea</i>	7	115.6	115.7	115.6	115.2	114.8	115.6	114.7	114.8	115.4	116.2	116.0	114.9	<b>115.4</b>
15494/ 15495	<i>Spices and Peanut butter</i>	2	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	<b>120.7</b>
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>112.4</b>	<b>112.4</b>	<b>112.7</b>	<b>114.3</b>	<b>114.3</b>	<b>114.3</b>	<b>114.3</b>	<b>114.4</b>	<b>114.4</b>	<b>114.4</b>	<b>114.4</b>	<b>114.8</b>	<b>113.9</b>
1551	Distilling, blending & bottling of spirit	53	107.7	107.7	107.7	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	<b>111.3</b>
1552	Wine	9	117.8	117.8	121.3	121.3	121.3	121.3	121.3	122.1	122.1	122.1	122.1	122.1	<b>121.0</b>
1553	Beer	71	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	<b>113.7</b>
1554	Soft drinks	21	117.8	117.8	117.8	117.7	118.2	118.2	118.2	118.2	118.2	118.2	118.2	121.3	<b>118.3</b>
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>118.2</b>	<b>113.4</b>	<b>113.6</b>	<b>114.1</b>	<b>112.7</b>	<b>112.2</b>	<b>112.9</b>	<b>112.8</b>	<b>112.5</b>	<b>112.3</b>	<b>112.1</b>	<b>112.0</b>	<b>113.2</b>

**Table 3 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2009 to December 2009 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Average year 2009
<b>24</b>	<b>Manufacture of chemicals and chemical products</b>	<b>95</b>	<b>114.4</b>	<b>114.4</b>	<b>114.4</b>	<b>115.5</b>	<b>115.6</b>	<b>115.8</b>	<b>117.0</b>	<b>117.0</b>	<b>117.1</b>	<b>118.0</b>	<b>118.0</b>	<b>118.0</b>	<b>116.3</b>
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	112.3	112.3	112.3	112.3	112.3	112.3	118.8	118.8	118.8	118.8	118.8	118.8	115.5
2422	<i>Manufacture of ink, paints, etc.</i>	34	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	114.2	116.7	116.7	116.7	114.7
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	115.7	115.7	115.7	118.3	118.5	118.9	118.7	118.7	118.7	118.7	118.7	118.7	117.9
<b>26</b>	<b>Manufacture of other non-metallic mineral products</b>	<b>117</b>	<b>118.6</b>	<b>118.6</b>	<b>118.6</b>	<b>118.6</b>	<b>118.6</b>	<b>118.6</b>	<b>121.5</b>	<b>121.5</b>	<b>121.5</b>	<b>121.5</b>	<b>121.4</b>	<b>121.4</b>	<b>120.0</b>
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9
2695	<i>Manufacture of articles of concrete</i>	27	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8
2699	<i>Manufacture of other non-metallic mineral products</i>	87	121.7	121.7	121.7	121.7	121.7	121.7	125.6	125.6	125.6	125.6	125.6	125.6	123.7

**Table 4 (a) - Monthly indices by NSIC group, 2008 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Average year 2008
15	Manufacture of food products and beverages	514	115.6	115.1	116.5	117.7	118.0	117.7	117.7	119.7	121.6	123.2	124.1	123.9	<b>119.2</b>
17	Manufacture of textiles	6	109.6	109.6	109.6	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	<b>113.0</b>
18	Manufacture of wearing apparel	16	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	<b>100.1</b>
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	130.5	130.5	130.5	148.7	148.7	148.7	140.6	140.6	140.6	140.6	140.6	140.6	<b>128.7</b>
20	Manufacture of wood, wood products and cork except furniture	14	113.7	114.9	110.7	110.7	110.7	110.7	116.7	116.7	116.7	116.7	116.7	116.7	<b>114.3</b>
21	Manufacture of paper and paper products	9	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	105.5	105.5	105.5	<b>103.4</b>
22	Publishing, printing and reproduction of recorded media	59	113.4	113.4	113.4	99.2	99.2	99.2	105.1	105.1	105.1	101.7	101.7	101.7	<b>104.8</b>
24	Manufacture of chemicals and chemical products	95	107.3	108.1	108.4	108.4	108.4	108.6	110.3	111.6	113.3	113.3	113.9	114.2	<b>110.5</b>
25	Manufacture of rubber and plastic products	51	98.2	98.2	98.2	98.2	98.3	98.2	98.3	98.3	98.3	99.3	99.3	99.2	<b>98.5</b>
26	Manufacture of other non-metallic mineral products	117	109.8	109.8	109.8	109.8	109.8	109.8	117.7	117.7	117.7	124.4	119.9	119.2	<b>114.6</b>
27	Manufacture of basic metals	24	103.8	103.8	105.2	116.5	118.9	118.9	129.9	150.2	154.0	154.0	140.2	137.6	<b>127.8</b>
28	Manufacture of fabricated metal products	33	104.3	104.3	104.3	104.3	104.3	106.6	108.7	108.7	112.1	112.1	109.4	109.4	<b>107.4</b>
29	Manufacture of machinery and equipment n.e.c	9	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	<b>101.3</b>
31	Manufacture of electrical machinery and apparatus	12	103.6	103.6	103.6	103.6	103.6	84.5	80.0	80.0	80.0	80.0	80.0	72.4	<b>89.6</b>
34	Manufacture of motor vehicles, trailers and semi-trailers	3	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	124.6	124.6	124.6	<b>108.8</b>
35	Manufacture of other transport equipment	3	95.4	94.1	91.1	89.1	92.1	92.7	91.5	92.3	95.7	97.1	100.8	102.8	<b>94.6</b>
36	Manufacture of furniture, and manufacturing n.e.c.	33	103.9	104.6	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	105.1	<b>104.8</b>
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>111.3</b>	<b>111.2</b>	<b>111.9</b>	<b>112.0</b>	<b>112.2</b>	<b>111.9</b>	<b>113.7</b>	<b>115.3</b>	<b>116.7</b>	<b>118.2</b>	<b>117.8</b>	<b>117.6</b>	<b>114.1</b>

**Table 4 (b) - Food Products and Beverages: Monthly indices by NSIC Group, 2008**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Average year 2008
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>119.0</b>	<b>118.3</b>	<b>120.3</b>	<b>121.6</b>	<b>122.0</b>	<b>121.6</b>	<b>121.6</b>	<b>123.0</b>	<b>125.8</b>	<b>128.0</b>	<b>129.3</b>	<b>129.1</b>	<b>123.3</b>
1511	Production, processing and preservation of meat and meat products	122	102.8	103.3	104.2	104.8	104.8	105.0	105.9	105.9	107.7	107.7	107.7	107.0	<b>105.6</b>
1512	Processing and preservation of fish and fish products	7	104.9	104.9	104.9	105.9	105.9	105.9	111.6	111.6	111.6	112.4	112.4	112.4	<b>108.7</b>
1513	Processing and preservation of fruits and vegetables	7	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	<b>105.8</b>
1514	Manufacture of vegetable and animal oils and fats	36	113.2	113.2	133.1	133.1	135.5	135.5	133.8	134.5	134.5	134.2	133.1	133.1	<b>130.6</b>
1520	Manufacture of dairy products	20	118.2	118.2	118.2	113.9	113.9	113.9	113.9	113.9	115.3	112.2	112.2	112.2	<b>114.7</b>
1531	Manufacture of grain mill products	61	156.8	151.2	149.0	156.8	157.7	154.6	151.9	159.9	165.1	179.3	185.6	185.6	<b>162.8</b>
1533	Manufacture of prepared animal feeds	59	113.8	128.4	128.4	128.4	128.4	128.4	128.4	128.4	135.5	135.5	138.0	138.0	<b>130.0</b>
1541	Manufacture of bakery products, of which	27	145.1	106.9	106.9	106.9	106.9	106.9	109.5	109.9	110.1	110.1	110.1	110.1	<b>111.6</b>
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	<i>107.1</i>	<i>110.5</i>	<i>110.5</i>	<i>110.5</i>	<i>110.5</i>	<i>110.5</i>	<i>108.8</i>						
15413/ 15430	<i>Biscuits manufacturing</i>	6	<i>278.1</i>	<i>106.2</i>	<i>106.2</i>	<i>106.2</i>	<i>106.2</i>	<i>106.2</i>	<i>106.2</i>	<i>107.8</i>	<i>109.0</i>	<i>109.0</i>	<i>109.0</i>	<i>109.0</i>	<i>121.6</i>
1544	Manufacture of macaroni, noodles and similar products	10	99.9	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	<b>116.1</b>
1549	Manufacture of other food products	11	109.0	110.6	113.3	113.0	113.7	113.8	114.1	114.1	114.3	114.2	111.7	112.0	<b>112.8</b>
15491	<i>Tea</i>	7	<i>107.8</i>	<i>112.3</i>	<i>116.5</i>	<i>116.1</i>	<i>116.7</i>	<i>116.8</i>	<i>116.2</i>	<i>116.2</i>	<i>116.6</i>	<i>116.4</i>	<i>112.4</i>	<i>113.0</i>	<i>114.7</i>
15494/ 15495	<i>Spices and Peanut butter</i>	2	<i>122.3</i>	<i>115.4</i>	<i>115.4</i>	<i>115.4</i>	<i>117.1</i>	<i>117.1</i>	<i>120.7</i>	<i>120.7</i>	<i>120.7</i>	<i>120.7</i>	<i>120.7</i>	<i>120.7</i>	<i>118.9</i>
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>107.6</b>	<b>107.6</b>	<b>107.6</b>	<b>108.5</b>	<b>108.5</b>	<b>108.5</b>	<b>108.5</b>	<b>111.9</b>	<b>111.9</b>	<b>111.9</b>	<b>111.9</b>	<b>111.9</b>	<b>109.7</b>
1551	Distilling, blending & bottling of spirit	53	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	<b>106.3</b>
1552	Wine	9	100.3	100.3	100.3	115.5	116.7	116.7	116.7	116.7	117.8	117.8	117.8	117.8	<b>112.9</b>
1553	Beer	71	109.0	109.0	109.0	109.0	109.0	109.0	109.0	113.7	113.7	113.7	113.7	113.7	<b>111.0</b>
1554	Soft drinks	21	109.2	109.2	109.2	109.2	109.2	109.2	109.2	117.7	117.7	117.7	117.7	117.7	<b>112.8</b>
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>115.6</b>	<b>115.1</b>	<b>116.5</b>	<b>117.7</b>	<b>118.0</b>	<b>117.7</b>	<b>117.7</b>	<b>119.7</b>	<b>121.6</b>	<b>123.2</b>	<b>124.1</b>	<b>123.9</b>	<b>119.2</b>

**Table 4 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2008 to December 2008 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Average year 2008
<b>24</b>	<b>Manufacture of chemicals and chemical products</b>	<b>95</b>	<b>107.3</b>	<b>108.1</b>	<b>108.4</b>	<b>108.4</b>	<b>108.4</b>	<b>108.6</b>	<b>110.3</b>	<b>111.6</b>	<b>113.3</b>	<b>113.3</b>	<b>113.9</b>	<b>114.2</b>	<b>110.5</b>
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	103.6	103.6	103.6	103.6	103.6	103.6	112.3	112.3	112.3	112.3	112.3	112.3	<b>107.9</b>
2422	<i>Manufacture of ink, paints, etc.</i>	34	105.7	105.7	105.7	105.7	105.7	105.7	105.7	109.4	113.9	113.9	113.9	113.9	<b>108.8</b>
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	110.3	112.0	112.7	112.7	112.7	113.1	113.1	113.1	113.2	113.2	114.6	115.4	<b>113.0</b>
<b>26</b>	<b>Manufacture of other non-metallic mineral products</b>	<b>117</b>	<b>109.8</b>	<b>109.8</b>	<b>109.8</b>	<b>109.8</b>	<b>109.8</b>	<b>109.8</b>	<b>117.7</b>	<b>117.7</b>	<b>117.7</b>	<b>124.4</b>	<b>119.9</b>	<b>119.2</b>	<b>114.6</b>
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	114.9	<b>114.9</b>
2695	<i>Manufacture of articles of concrete</i>	27	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	<b>108.8</b>
2699	<i>Manufacture of other non-metallic mineral products</i>	87	109.9	109.9	109.9	109.9	109.9	109.9	120.5	120.5	120.5	129.6	123.5	122.6	<b>116.4</b>

**Table 5 (a) - Monthly indices by NSIC group for the base period (Year 2007) - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average year 2007
15	Manufacture of food products and beverages	514	92.0	93.4	94.0	99.6	99.7	102.6	101.0	100.9	103.2	102.9	105.1	105.2	<b>100.0</b>
17	Manufacture of textiles	6	101.9	101.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	<b>100.0</b>
18	Manufacture of wearing apparel	16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	<b>100.0</b>
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	73.7	73.7	73.7	79.7	79.7	79.7	130.5	130.5	130.5	130.5	130.5	130.5	<b>100.0</b>
20	Manufacture of wood, wood products and cork except furniture	14	85.8	85.8	93.4	93.4	93.4	96.8	97.9	97.9	97.9	118.6	118.6	118.6	<b>100.0</b>
21	Manufacture of paper and paper products	9	96.8	96.8	96.8	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	<b>100.0</b>
22	Publishing, printing and reproduction of recorded media	59	100.2	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	114.4	<b>100.0</b>
24	Manufacture of chemicals and chemical products	95	95.3	95.3	96.8	97.7	97.7	97.9	99.4	99.4	102.5	105.8	106.0	106.0	<b>100.0</b>
25	Manufacture of rubber and plastic products	51	97.3	97.3	97.3	97.6	97.6	97.6	98.0	98.1	98.1	106.7	106.7	106.7	<b>100.0</b>
26	Manufacture of other non-metallic mineral products	117	98.0	98.0	98.0	98.0	98.0	98.0	100.3	100.3	100.3	103.6	103.6	103.6	<b>100.0</b>
27	Manufacture of basic metals	24	78.6	78.6	78.6	78.6	78.6	113.1	120.2	120.2	120.2	120.2	107.8	105.6	<b>100.0</b>
28	Manufacture of fabricated metal products	33	96.7	99.2	99.2	99.2	99.2	99.2	99.5	99.5	101.0	101.0	101.0	104.8	<b>100.0</b>
29	Manufacture of machinery and equipment n.e.c	9	93.5	93.5	93.5	103.9	103.9	103.9	101.3	101.3	101.3	101.3	101.3	101.3	<b>100.0</b>
31	Manufacture of electrical machinery and apparatus	12	96.4	96.4	96.4	96.4	96.4	96.4	103.6	103.6	103.6	103.6	103.6	103.6	<b>100.0</b>
34	Manufacture of motor vehicles, trailers and semi-trailers	3	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	102.1	102.1	102.1	<b>100.0</b>
35	Manufacture of other transport equipment	3	104.1	103.5	102.6	102.0	99.3	99.6	100.0	98.5	98.8	98.0	98.2	95.5	<b>100.0</b>
36	Manufacture of furniture, and manufacturing n.e.c.	33	97.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	101.0	101.5	101.5	<b>100.0</b>
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>94.0</b>	<b>94.8</b>	<b>95.3</b>	<b>98.5</b>	<b>98.5</b>	<b>100.9</b>	<b>100.9</b>	<b>100.8</b>	<b>102.3</b>	<b>103.7</b>	<b>104.5</b>	<b>105.6</b>	<b>100.0</b>

**Table 5 (b) - Food Products and Beverages: Monthly indices by NSIC Group for the base period (Year 2007)**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average year 2007
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>90.1</b>	<b>92.2</b>	<b>93.1</b>	<b>99.9</b>	<b>100.1</b>	<b>104.3</b>	<b>102.0</b>	<b>101.8</b>	<b>103.0</b>	<b>102.7</b>	<b>105.3</b>	<b>105.4</b>	<b>100.0</b>
1511	Production, processing and preservation of meat and meat products	122	85.7	91.5	94.2	101.2	101.2	112.9	101.4	101.4	103.7	102.9	101.6	101.6	<b>100.0</b>
1512	Processing and preservation of fish and fish products	7	98.7	100.3	100.3	100.4	100.4	100.4	100.2	100.2	100.2	99.6	99.6	99.6	<b>100.0</b>
1513	Processing and preservation of fruits and vegetables	7	94.8	94.8	94.8	94.7	95.8	95.8	104.9	104.9	104.9	104.9	104.9	104.9	<b>100.0</b>
1514	Manufacture of vegetable and animal oils and fats	36	92.2	92.2	92.2	93.7	93.7	93.7	103.9	103.9	103.9	103.9	113.2	113.2	<b>100.0</b>
1520	Manufacture of dairy products	20	94.2	94.2	94.5	94.5	94.5	98.8	98.2	98.2	98.3	98.3	117.7	118.2	<b>100.0</b>
1531	Manufacture of grain mill products	61	80.1	80.1	80.1	105.1	106.0	106.0	107.6	106.0	108.4	108.4	106.0	106.0	<b>100.0</b>
1533	Manufacture of prepared animal feeds	59	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	107.4	107.4	<b>100.0</b>
1541	Manufacture of bakery products, of which	27	98.7	98.7	98.7	99.1	99.1	99.1	100.7	101.2	101.2	101.2	101.2	101.2	<b>100.0</b>
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	99.0	99.0	99.0	99.0	99.0	99.0	100.9	100.9	100.9	100.9	100.9	100.9	<b>100.0</b>
15413/ 15430	<i>Biscuits manufacturing</i>	6	97.3	97.3	97.3	99.2	99.2	99.2	99.9	102.1	102.1	102.1	102.1	102.1	<b>100.0</b>
1544	Manufacture of macaroni, noodles and similar products	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	<b>100.0</b>
1549	Manufacture of other food products	11	97.9	99.2	99.2	99.1	99.0	99.0	100.3	101.0	100.9	100.7	100.7	102.9	<b>100.0</b>
15491	<i>Tea</i>	7	99.6	99.5	99.4	99.3	99.1	99.1	100.0	101.2	101.0	100.7	100.6	100.4	<b>100.0</b>
15494/ 15495	<i>Spices and Peanut butter</i>	2	89.8	97.6	97.6	97.6	97.6	97.6	101.5	101.5	101.5	101.5	101.5	114.3	<b>100.0</b>
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>96.2</b>	<b>96.2</b>	<b>96.2</b>	<b>98.8</b>	<b>98.8</b>	<b>98.8</b>	<b>98.8</b>	<b>98.8</b>	<b>103.6</b>	<b>103.6</b>	<b>104.7</b>	<b>104.7</b>	<b>100.0</b>
1551	Distilling, blending & bottling of spirit	53	99.5	99.5	99.5	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	<b>100.0</b>
1552	Wine	9	99.7	99.7	99.7	99.7	99.7	99.7	100.3	100.3	100.3	100.3	100.3	100.3	<b>100.0</b>
1553	Beer	71	92.4	92.4	92.4	97.5	97.5	97.5	97.5	97.5	107.9	107.9	109.0	109.0	<b>100.0</b>
1554	Soft drinks	21	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	103.6	103.6	<b>100.0</b>
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>92.0</b>	<b>93.4</b>	<b>94.0</b>	<b>99.6</b>	<b>99.7</b>	<b>102.6</b>	<b>101.0</b>	<b>100.9</b>	<b>103.2</b>	<b>102.9</b>	<b>105.1</b>	<b>105.2</b>	<b>100.0</b>

**Table 5 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2007 to December 2007 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average year 2007
<b>24</b>	<b>Manufacture of chemicals and chemical products</b>	<b>95</b>	<b>95.3</b>	<b>95.3</b>	<b>96.8</b>	<b>97.7</b>	<b>97.7</b>	<b>97.9</b>	<b>99.4</b>	<b>99.4</b>	<b>102.5</b>	<b>105.8</b>	<b>106.0</b>	<b>106.0</b>	<b>100.0</b>
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	96.4	96.4	96.4	96.4	96.4	96.4	103.6	103.6	103.6	103.6	103.6	103.6	<b>100.0</b>
2422	<i>Manufacture of ink, paints, etc.</i>	34	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	101.3	105.7	105.7	105.7	<b>100.0</b>
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	92.8	92.8	96.3	98.4	98.4	98.8	98.8	98.8	102.9	106.9	107.2	107.2	<b>100.0</b>
<b>26</b>	<b>Manufacture of other non-metallic mineral products</b>	<b>117</b>	<b>98.0</b>	<b>98.0</b>	<b>98.0</b>	<b>98.0</b>	<b>98.0</b>	<b>98.0</b>	<b>100.3</b>	<b>100.3</b>	<b>100.3</b>	<b>103.6</b>	<b>103.6</b>	<b>103.6</b>	<b>100.0</b>
2610	<i>Manufacture of glass and glass Products</i>	3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	102.7	102.7	102.7	<b>100.0</b>
2695	<i>Manufacture of articles of concrete</i>	27	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	101.6	101.6	101.6	<b>100.0</b>
2699	<i>Manufacture of other non-metallic mineral products</i>	87	97.6	97.6	97.6	97.6	97.6	97.6	100.6	100.6	100.6	104.3	104.3	104.3	<b>100.0</b>

**Table 6 (a) - Quarterly indices by NSIC group, 1<sup>st</sup> Quarter 2009 to 1<sup>st</sup> Quarter 2011 - Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010				2011	Percent changes (%) from	
			1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	4 <sup>th</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11	1 <sup>st</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11
15	Manufacture of food products and beverages	514	115.1	113.0	112.7	112.1	112.6	113.5	114.0	115.4	120.9	4.7	7.4
17	Manufacture of textiles	6	128.7	130.8	95.4	95.4	128.7	130.8	133.5	136.8	141.5	3.4	9.9
18	Manufacture of wearing apparel	16	100.0	101.0	103.1	103.1	103.1	103.1	105.4	105.4	105.4	0.0	2.3
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	140.6	148.7	140.6	140.6	129.1	136.5	136.5	136.5	136.5	0.0	5.7
20	Manufacture of wood, wood products and cork except furniture	14	114.2	114.0	114.2	110.5	108.0	103.6	103.6	103.6	103.6	0.0	-4.1
21	Manufacture of paper and paper products	9	103.7	103.7	105.0	105.7	106.8	109.5	110.8	111.6	121.2	8.6	13.5
22	Publishing, printing and reproduction of recorded media	59	101.7	101.7	104.8	110.0	106.4	106.8	108.1	111.0	112.8	1.6	6.0
24	Manufacture of chemicals and chemical products	95	114.4	115.7	117.0	118.0	122.7	123.7	125.1	127.2	128.5	1.1	4.8
25	Manufacture of rubber and plastic products	51	99.4	100.7	101.1	109.8	108.0	109.1	110.0	113.4	113.4	0.0	5.0
26	Manufacture of other non-metallic mineral products	117	118.6	118.6	121.5	121.5	121.4	118.6	126.2	129.4	133.4	3.1	9.9
27	Manufacture of basic metals	24	136.2	94.8	94.8	94.8	94.6	104.1	102.9	103.8	103.3	-0.5	9.2
28	Manufacture of fabricated metal products	33	109.4	109.4	108.1	107.9	107.3	107.5	107.5	107.3	108.8	1.3	1.4
29	Manufacture of machinery and equipment n.e.c	9	93.5	103.9	101.3	101.3	101.3	101.3	101.9	101.9	107.0	5.0	5.6
31	Manufacture of electrical machinery and apparatus	12	60.9	58.4	66.7	74.2	78.9	84.1	85.9	89.4	105.5	18.0	33.7
34	Manufacture of motor vehicles, trailers and semi-trailers	3	124.6	124.6	124.6	124.6	127.6	127.6	130.1	131.5	137.8	4.7	8.0
35	Manufacture of other transport equipment	3	108.2	109.7	108.1	102.9	103.9	111.9	110.4	107.9	105.9	-1.9	2.0
36	Manufacture of furniture, and manufacturing n.e.c.	33	123.9	122.6	121.8	130.4	131.7	132.9	134.6	137.2	142.1	3.5	7.9
<b>15 - 36</b>	<b>Manufacturing sector</b>	<b>1,000</b>	<b>113.4</b>	<b>111.6</b>	<b>111.9</b>	<b>112.8</b>	<b>113.4</b>	<b>114.0</b>	<b>115.6</b>	<b>117.4</b>	<b>121.4</b>	<b>3.5</b>	<b>7.1</b>

**Table 6 (b) - Food Products and Beverages: Quarterly indices by NSIC Group, 1<sup>st</sup> Quarter 2009 to 1<sup>st</sup> Quarter 2011**

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010				2011	Percent changes (%) from	
			1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	4 <sup>th</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11	1 <sup>st</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11
<b>151-154</b>	<b>Manufacture of Food products</b>	<b>360</b>	<b>116.1</b>	<b>112.4</b>	<b>112.1</b>	<b>111.1</b>	<b>111.0</b>	<b>112.2</b>	<b>112.9</b>	<b>113.2</b>	<b>119.9</b>	<b>5.9</b>	<b>8.0</b>
1511	Production, processing and preservation of meat and meat products	122	107.0	103.0	104.6	104.7	105.0	105.6	107.9	107.9	106.7	-1.1	1.6
1512	Processing and preservation of fish and fish products	7	126.3	126.3	126.8	130.3	130.3	137.0	150.2	145.5	134.1	-7.8	2.9
1513	Processing and preservation of fruits and vegetables	7	108.9	115.1	115.1	115.6	116.1	118.4	118.9	118.9	119.9	0.8	3.2
1514	Manufacture of vegetable and animal oils and fats	36	126.9	121.6	116.9	115.7	112.8	112.0	111.8	117.3	138.6	18.2	22.9
1520	Manufacture of dairy products	20	109.4	109.4	109.4	109.4	108.8	112.5	113.1	113.1	114.0	0.8	4.8
1531	Manufacture of grain mill products	61	119.4	107.9	104.4	98.7	99.1	103.1	98.9	97.3	116.9	20.0	17.9
1533	Manufacture of prepared animal feeds	59	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	140.0	7.7	7.7
1541	Manufacture of bakery products, of which	27	110.4	110.4	112.3	112.2	111.1	111.5	111.8	111.8	112.9	1.0	1.7
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	110.5	110.5	112.7	112.7	112.7	112.7	112.7	112.5	115.0	2.2	2.0
15413/ 15430	<i>Biscuits manufacturing</i>	6	110.0	110.0	110.7	110.6	105.3	107.1	108.8	109.1	105.6	-3.1	0.3
1544	Manufacture of macaroni, noodles and similar products	10	117.6	117.6	117.6	117.6	117.6	117.6	127.5	132.4	132.4	0.0	12.6
1549	Manufacture of other food products	11	113.7	113.5	113.3	113.7	117.3	116.9	118.8	119.4	120.6	1.0	2.8
15491	<i>Tea</i>	7	115.6	115.2	115.0	115.7	119.6	119.4	119.0	119.9	121.8	1.6	1.8
15494/ 15495	<i>Spices and Peanut butter</i>	2	120.7	120.7	120.7	120.7	126.4	129.4	141.2	141.2	141.2	0.0	11.7
<b>155</b>	<b>Manufacture of Beverages</b>	<b>154</b>	<b>112.5</b>	<b>114.3</b>	<b>114.4</b>	<b>114.5</b>	<b>116.2</b>	<b>116.5</b>	<b>116.6</b>	<b>120.5</b>	<b>123.2</b>	<b>2.2</b>	<b>5.9</b>
1551	Distilling, blending & bottling of spirit	53	107.7	112.5	112.5	112.5	112.5	112.5	112.5	118.4	121.4	2.5	8.0
1552	Wine	9	118.9	121.3	121.8	122.1	124.1	128.2	128.4	134.0	138.5	3.4	11.6
1553	Beer	71	113.7	113.7	113.7	113.7	115.2	115.2	115.4	118.7	120.4	1.4	4.4
1554	Soft drinks	21	117.8	118.1	118.2	119.2	125.8	125.8	125.8	126.0	130.4	3.5	3.6
<b>15</b>	<b>Manufacture of Food Products and Beverages</b>	<b>514</b>	<b>115.1</b>	<b>113.0</b>	<b>112.7</b>	<b>112.1</b>	<b>112.6</b>	<b>113.5</b>	<b>114.0</b>	<b>115.4</b>	<b>120.9</b>	<b>4.7</b>	<b>7.4</b>

**Table 6 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Quarterly indices by NSIC group, 1<sup>st</sup> Quarter 2009 to 1<sup>st</sup> Quarter 2011- Manufacturing Sector**

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010				2011	Percent changes (%) from	
			1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	2 <sup>nd</sup> Qr.	3 <sup>rd</sup> Qr.	4 <sup>th</sup> Qr.	1 <sup>st</sup> Qr.	4 <sup>th</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11	1 <sup>st</sup> Qr. 10 to 1 <sup>st</sup> Qr. 11
<b>24</b>	<b>Manufacture of chemicals and chemical products</b>	<b>95</b>	<b>114.4</b>	<b>115.7</b>	<b>117.0</b>	<b>118.0</b>	<b>122.7</b>	<b>123.7</b>	<b>125.1</b>	<b>127.2</b>	<b>128.5</b>	<b>1.1</b>	<b>4.8</b>
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	112.3	112.3	118.8	118.8	138.1	138.1	138.1	138.1	138.1	0.0	0.0
2422	<i>Manufacture of ink, paints, etc.</i>	34	113.9	113.9	114.0	116.7	116.7	116.7	116.7	122.8	122.8	0.0	5.2
2424	<i>Manufacture of soap, detergents &amp; cleaning preparations &amp; cosmetics</i>	42	115.7	118.6	118.7	118.7	120.5	122.9	126.1	125.7	128.8	2.5	7.0
<b>26</b>	<b>Manufacture of other non-metallic mineral products</b>	<b>117</b>	<b>118.6</b>	<b>118.6</b>	<b>121.5</b>	<b>121.5</b>	<b>121.4</b>	<b>118.6</b>	<b>126.2</b>	<b>129.4</b>	<b>133.4</b>	<b>3.1</b>	<b>9.9</b>
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	114.9	119.0	121.0	120.8	120.8	0.0	5.1
2695	<i>Manufacture of articles of concrete</i>	27	108.8	108.8	108.8	108.8	108.8	108.8	109.2	109.9	115.8	5.4	6.4
2699	<i>Manufacture of other non-metallic mineral products</i>	87	121.7	121.7	125.6	125.6	125.6	121.7	131.6	135.7	139.3	2.7	10.9

**Table 7 (a) - Comparative monthly and quarterly indices for the Manufacturing Sector, January 1999- March 2011<sup>1</sup>**

**(Base: Year 2007 = 100)**

<b>Month</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>January</b>	57.6	58.8	61.3	64.6	67.2	70.5	77.4	82.6	94.0	111.3	115.1	113.2	119.4
<b>February</b>	57.6	59.4	61.5	64.7	67.2	70.9	77.6	82.8	94.8	111.2	112.4	113.4	122.6
<b>March</b>	57.7	59.0	61.7	64.7	67.4	71.3	77.6	83.5	95.3	111.9	112.6	113.5	122.3
<b>Average 1<sup>st</sup> Quarter</b>	<b>57.6</b>	<b>59.1</b>	<b>61.5</b>	<b>64.7</b>	<b>67.3</b>	<b>70.9</b>	<b>77.5</b>	<b>82.9</b>	<b>94.7</b>	<b>111.5</b>	<b>113.4</b>	<b>113.4</b>	<b>121.4</b>
<b>April</b>	58.1	58.8	62.0	64.8	67.6	71.9	77.8	84.3	98.5	112.0	112.1	113.4	
<b>May</b>	58.2	58.8	62.0	64.8	67.8	72.1	78.0	85.2	98.5	112.2	111.4	114.1	
<b>June</b>	58.6	58.7	62.3	64.9	67.9	73.6	77.9	86.1	100.9	111.9	111.2	114.6	
<b>Average 2<sup>nd</sup> Quarter</b>	<b>58.3</b>	<b>58.8</b>	<b>62.1</b>	<b>64.8</b>	<b>67.8</b>	<b>72.5</b>	<b>77.9</b>	<b>85.2</b>	<b>99.3</b>	<b>112.0</b>	<b>111.6</b>	<b>114.0</b>	
<b>July</b>	58.2	59.2	62.8	65.7	68.1	74.1	79.6	87.4	100.9	113.7	111.8	115.5	
<b>August</b>	58.2	59.2	63.3	65.8	68.5	74.5	79.5	88.1	100.8	115.3	112.1	115.6	
<b>September</b>	58.2	59.1	63.3	65.8	69.0	75.1	79.4	88.6	102.3	116.7	111.9	115.5	
<b>Average 3<sup>rd</sup> Quarter</b>	<b>58.2</b>	<b>59.2</b>	<b>63.1</b>	<b>65.8</b>	<b>68.5</b>	<b>74.6</b>	<b>79.5</b>	<b>88.0</b>	<b>101.3</b>	<b>115.2</b>	<b>111.9</b>	<b>115.6</b>	
<b>October</b>	58.3	59.5	63.4	66.1	69.4	75.2	80.2	89.0	103.7	118.2	112.5	116.2	
<b>November</b>	58.3	59.6	63.8	66.1	69.5	75.5	80.5	90.5	104.5	117.8	112.6	117.5	
<b>December</b>	58.3	59.8	64.1	66.4	69.7	75.7	81.2	91.7	105.6	117.6	113.2	118.4	
<b>Average 4<sup>th</sup> Quarter</b>	<b>58.3</b>	<b>59.7</b>	<b>63.8</b>	<b>66.2</b>	<b>69.5</b>	<b>75.5</b>	<b>80.6</b>	<b>90.4</b>	<b>104.6</b>	<b>117.9</b>	<b>112.8</b>	<b>117.4</b>	
<b>Yearly average</b>	<b>58.1</b>	<b>59.2</b>	<b>62.6</b>	<b>65.4</b>	<b>68.3</b>	<b>73.4</b>	<b>78.9</b>	<b>86.6</b>	<b>100.0</b>	<b>114.1</b>	<b>112.4</b>	<b>115.1</b>	
<b>Annual change (%)</b>	<b>2.5</b>	<b>1.9</b>	<b>5.8</b>	<b>4.4</b>	<b>4.5</b>	<b>7.5</b>	<b>7.5</b>	<b>9.8</b>	<b>15.4</b>	<b>14.1</b>	<b>-1.4</b>	<b>2.4</b>	

<sup>1</sup> The indices for January 1999 to December 2006 originally based on 2003 have been converted to the new base 2007=100

**Table 7 (b) - Comparative monthly and quarterly sub - indices for Food products and Beverages sub-group :- January 1999 - March 2011<sup>1</sup>**

**(Base: Year 2007 = 100)**

<b>Month</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>January</b>	56.7	58.0	60.7	64.1	66.8	71.2	76.1	81.7	92.0	115.6	118.2	112.3	117.3
<b>February</b>	56.7	59.1	60.7	64.1	66.9	71.7	76.2	82.0	93.4	115.1	113.4	112.6	123.2
<b>March</b>	56.6	58.4	61.3	64.1	67.3	72.6	76.2	83.1	94.0	116.5	113.6	112.8	122.1
<b>Average 1<sup>st</sup> Quarter</b>	<b>56.7</b>	<b>58.5</b>	<b>60.9</b>	<b>64.1</b>	<b>67.0</b>	<b>71.8</b>	<b>76.2</b>	<b>82.3</b>	<b>93.1</b>	<b>115.7</b>	<b>115.1</b>	<b>112.6</b>	<b>120.9</b>
<b>April</b>	57.1	58.3	61.5	64.3	67.6	73.1	76.6	83.7	99.6	117.7	114.1	112.9	
<b>May</b>	57.1	58.2	61.5	64.3	68.0	73.4	76.6	84.0	99.7	118.0	112.7	113.6	
<b>June</b>	57.9	57.9	62.2	64.4	68.1	74.0	76.6	84.5	102.6	117.7	112.2	113.9	
<b>Average 2<sup>nd</sup> Quarter</b>	<b>57.4</b>	<b>58.1</b>	<b>61.7</b>	<b>64.3</b>	<b>67.9</b>	<b>73.5</b>	<b>76.6</b>	<b>84.1</b>	<b>100.6</b>	<b>117.8</b>	<b>113.0</b>	<b>113.5</b>	
<b>July</b>	57.2	58.5	62.8	64.9	68.1	74.3	79.6	85.9	101.0	117.7	112.9	113.9	
<b>August</b>	57.2	58.5	62.8	65.2	68.4	74.5	79.7	86.3	100.9	119.7	112.8	114.1	
<b>September</b>	57.2	58.4	62.8	65.2	68.5	75.4	79.6	86.7	103.2	121.6	112.5	114.0	
<b>Average 3<sup>rd</sup> Quarter</b>	<b>57.2</b>	<b>58.5</b>	<b>62.8</b>	<b>65.1</b>	<b>68.4</b>	<b>74.7</b>	<b>79.6</b>	<b>86.3</b>	<b>101.7</b>	<b>119.7</b>	<b>112.7</b>	<b>114.0</b>	
<b>October</b>	57.3	58.6	62.8	65.4	69.3	75.2	79.9	87.8	102.9	123.2	112.3	113.7	
<b>November</b>	57.3	58.8	63.6	65.4	69.5	75.5	80.6	88.1	105.1	124.1	112.1	115.7	
<b>December</b>	57.3	59.1	64.0	65.7	69.9	75.9	80.7	90.0	105.2	123.9	112.0	116.8	
<b>Average 4<sup>th</sup> Quarter</b>	<b>57.3</b>	<b>58.9</b>	<b>63.5</b>	<b>65.5</b>	<b>69.6</b>	<b>75.6</b>	<b>80.4</b>	<b>88.7</b>	<b>104.4</b>	<b>123.7</b>	<b>112.1</b>	<b>115.4</b>	
<b>Yearly average</b>	<b>57.1</b>	<b>58.5</b>	<b>62.2</b>	<b>64.8</b>	<b>68.2</b>	<b>73.9</b>	<b>78.2</b>	<b>85.3</b>	<b>100.0</b>	<b>119.2</b>	<b>113.2</b>	<b>113.8</b>	
<b>Annual change (%)</b>	<b>2.5</b>	<b>2.4</b>	<b>6.4</b>	<b>4.1</b>	<b>5.3</b>	<b>8.4</b>	<b>5.8</b>	<b>9.1</b>	<b>17.2</b>	<b>19.3</b>	<b>-5.0</b>	<b>0.5</b>	

<sup>1</sup> The indices for January 1999 to December 2006 originally based on 2003 have been converted to the new base 2007=100

## TECHNICAL NOTES

### Producer Price Index – Manufacturing (PPI-M)

#### 1. Definition

The Producer Price Index (PPI-M) measures 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 internationally accepted standards (PPI Manual of the International Monetary Fund).

#### 2. Scope

The PPI-M covers all large manufacturing establishments (that is those employing 10 or more persons) falling within divisions 15 to 37 of the National Standard Industrial Classification of all Economic Activities (NSIC 1990), whose output is mainly sold on the domestic market.

The index therefore excludes enterprises classified under Export Oriented Enterprises (EOE). These comprise enterprises formerly holding an EPZ certificate as well as those manufacturing goods for export and holding a registration certificate issued by the Board of Investment. Moreover the following divisions have been excluded in the compilation for reasons given below:

- (a) Division 16: Manufacture of tobacco products (no longer manufactured in Mauritius)
- (b) Division 23: Manufacture of coke, refined petroleum products and nuclear fuel (not produced in Mauritius)
- (c) Division 30: Manufacture of office, accounting and computing machinery (weight in the overall index is not significant and change of products is too dynamic)
- (d) Division 32: Manufacture of radio, television and communication equipment and apparatus (weight in the overall index is not significant and change of products is too dynamic)
- (e) Division 33: Manufacture of medical, precision and optical instruments, watches and clocks (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 97% 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 450 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. Data on Gross Output for each establishment was also available.

### **5. Selection of establishments (producers)**

A sample of 113 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 65% 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. Prices 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 3<sup>rd</sup> 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 315 prices are collected every quarter.

### **8. Updating of weights**

#### **8.1 *Historical background***

The Central Statistics Office 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 once again repeated in 2006 when the base period was revised to 2003 (2003 = 100).

The 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 method used previously was a weighted geometric average of price relatives. However the formula for compiling the index has been changed from a weighted geometric average of price relatives to a weighted arithmetic one. The difference in the results between two methods is marginal.

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 by the above formulae. 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.

Indices at a different level of aggregation (3-digit, 4-digit...) are also compiled using the same methodology.

## 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-digit 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

Existing varieties often decrease in importance or disappear from the market altogether as new varieties appear. The method used to deal with such a situation is the same as that described at paragraph 11 above.

## 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.

## 15. Caution

With the changes brought to the methodology and weights of the index figures published in this issue of the ESI on PPI-M and those published earlier are **not strictly comparable**. For ease of analysis, the series of PPI-M for the manufacturing sector and those for “Manufacture of food and beverages” have been revised backward down to 1999 and given in Table 7.