

PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

3rd Quarter 2010

1. Introduction

This issue of the “Economic and Social Indicators (ESI)” presents a series of the PPI-M for the period January 2007 to September 2010.

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. As from year 2006 and up to the previous issue of the ESI (published in September 2010), the PPI-M was compiled and presented with year 2003 as base period (2003 = 100). With the availability of data collected from the Census of Economic Activities conducted in 2007, the weights for the PPI-M had been updated and this issue of the ESI is the first of a series which is presenting the indices 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 (October 2009 to September 2010) are given in Table 1. Tables 2 to 4 present the monthly indices for 2009, 2008, 2007 respectively while the PPI-M for each quarter of 2009 and 2010 are given at Table 5.

Given the update of the weights, whereby the base year had been shifted from 2003 to 2007, figures in this issue of the ESI and those presented in previous ones are not strictly comparable. However, to facilitate analysis of the Index for a longer series, monthly PPI-M for the manufacturing sector as well as for Division 15 “Manufacture of food products and beverages” has been revised backward down to 1998 and given at Table 6 of this publication.

A brief analysis on the main changes in the weights from 2003 to 2007 and some improvements brought in the compilation of the index is given in the ‘Technical Notes’ at the end of the publication.

2. Producer Price Index (Year 2007 = 100)

2.1 Monthly index

2.11 Manufacturing Sector

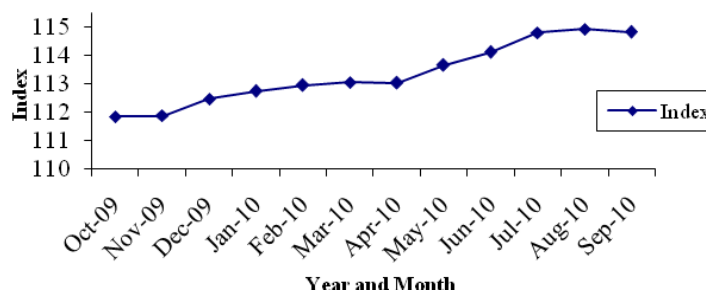
The Producer Price Index for the manufacturing sector, which stood at 114.1 in June 2010, registered a net increase of + 0.7 point (+0.6%) to reach 114.8 in September 2010. The index gained 0.7 point (+0.6%) in July, moved further up by 0.1 point (+0.1%) in August and went down by 0.1 point (- 0.1%) in September (Table 1).

The increase in the overall index in July (+0.7 point) is mainly explained by increases in the index of “Manufacture of other non-metallic mineral products” (+5.8%), “Manufacture of chemicals and chemical products” (+0.7%), “Manufacture of wearing apparel” (+2.2%) and “Manufacture of rubber and plastic products” (+0.6%), partly offset by decreases in “Manufacture of basic metals” (-7.7%), “Manufacture of food products and beverages” (-0.1%) and “Manufacture of other transport equipment” (-4.9%).

In August, the overall index increased by 0.1% mainly due to increases in the index of “Manufacture of food products and beverages” (+0.2%), “Manufacture of fabricated metal products” (+0.2%) and “Manufacture of paper and paper products” (+0.5%).

The index registered a decrease of 0.1% in September. This was mostly due to the net effect of the changes of the index in the following activity groups: “Manufacture of fabricated metal products” (-1.9%), “Manufacture of food products and beverages” (-0.1%), “Manufacture of other transport equipment” (-0.4%) and “Manufacture of other non-metallic mineral products” (+0.3%).

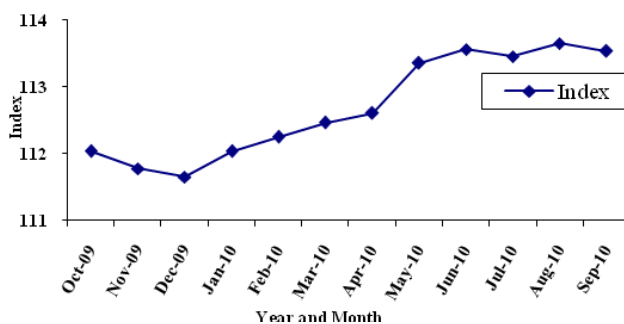
**Fig 1: Monthly indices October 2009 - September 2010
Manufacturing sector**



As shown graphically in Fig. 1, the upward trend of the index as from the last month of 2009 is maintained with a relatively sharper rise noted from April to July 2010 followed by a fairly stable period during the last two months.

2.12 Manufacture of Food and Beverages

**Fig 2: Overall monthly indices October 2009 - September 2010
Food products and Beverages**



The activity group “Manufacture of food products, beverages and tobacco” accounts for more than 50% of the overall weight of the manufacturing sector. The index for this activity group dropped by 0.1 point (-0.1 %) in July, moved up by 0.1 point in August to drop once again by 0.1 point in September.

The decrease of the index in July is mainly accounted for by a decrease of 5.0% in “Manufacture of grain mill products” while the increase in August is explained by higher prices in “Manufacture of macaroni, noodles and similar products” (+12.7%) and “Manufacture of vegetable and animal oils and fats” (+0.4%). The decrease of the index by 0.1 point in September, was mainly attributable to lower prices in “Manufacture of grain mill products” (-0.9%) and “Processing and preservation of fish and fish products” (-0.2%).

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 rose by 6.9 points (+5.8%) from June to reach 125.3 in July 2010. It maintained the same level in August to finally move up by 0.3 point to attain 125.6 in September.

The increase of the index in July for this activity group is mainly the results of higher prices in activities related to stone crushing.

2.14 Manufacture of chemicals and chemical products

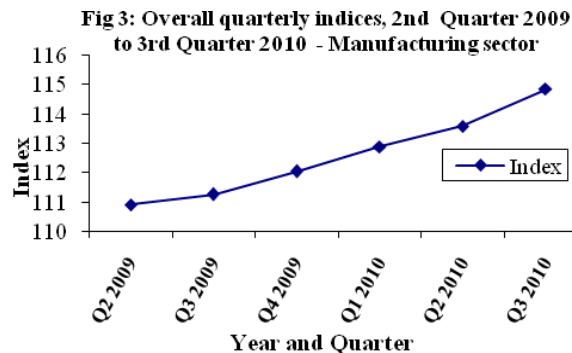
The sub-index “Manufacture of chemicals and chemical products” which accounts for 9.5% of the overall weight, gained 0.8 point (+0.7%) from June to July 2010. It remained at the same level in August and September 2010.

The increase of the index in July for this activity group is mainly attributable to higher prices in the “Manufacture of soap, detergents, cleaning preparations & cosmetics”.

2.2 Quarterly Index

2.2.1 Manufacturing Sector

Table 5 gives the evolution of the Producer Price Index on a quarterly basis, the quarterly index being computed as the geometric mean of the monthly indices. The index, which was 113.6 in the second quarter of 2010, went up 1.3 points (+1.1%) to attain 114.9 in the third quarter of 2010. This growth was mainly due to higher prices in the “Manufacture of other non-metallic mineral products” (+6.0%), “Manufacture of food products and beverages” (+0.3%) and “Manufacture of chemicals and chemical products” (+1.1%).

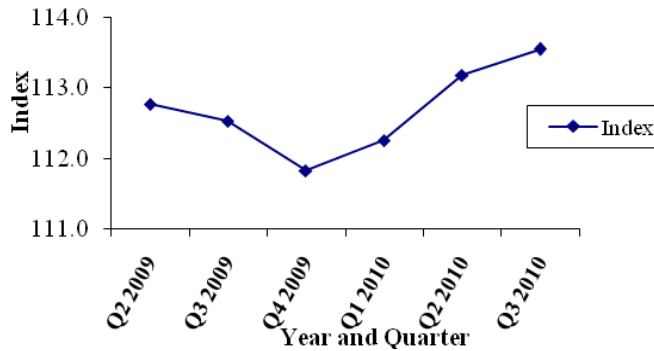


Compared to the corresponding quarter of 2009, the overall index for the third quarter of 2010 moved up by 3.6 points (+3.2%). This was driven by increases in prices of “Manufacture of chemicals and chemical products” (+6.6%), “Manufacture of food products and beverages” (+0.9%), “Manufacture of rubber and plastic products” (+11.2%) and “Manufacture of other non-metallic mineral products” (+3.6%), partly offset by decreases in the prices of “Manufacture of wood, wood products and cork except furniture” (-9.0%) and “Manufacture of fabricated metal products” (-0.3%).

2.2.2 Manufacture of Food and Beverages

Within “Manufacture of food products and beverages”, “Manufacture of food products” gained 0.5 point (+0.4%) compared to the previous quarter of 2010. This was mostly explained by higher prices in “Production, processing and preservation of meat and meat products” (+1.9%), “Manufacture of macaroni, noodles and similar products” (+8.3%) and “Processing and preservation of fish and fish products” (+9.5%). The index for “Manufacture of beverages” increased by 0.1 point (+0.1%) due to higher prices of “Beer” (+0.1%) and “Wine” (+0.1%).

**Fig 4: Overall quarterly indices
Qr2 2009 to Q3 2010: Food products and Beverages**



Within “Manufacture of food products and beverages”, “Manufacture of food products” registered an increase of 0.5 point (+0.5%) and “Manufacture of beverages” by 2.2 point (+1.9%) compared to the corresponding quarter of 2009. At a more detailed level, increases were noted in “Production, processing and preservation of meat and meat products” (+2.9%), “Processing and preservation of fish and fish products” (+17.9%), “Soft drinks” (+6.8%), “Beer” (+1.5%) and “Manufacture of macaroni, noodles and similar products” (+8.3%).

2.2.3 Manufacture of other non-metallic mineral products

The index registered an increase of 7.1 points (+6.0%) compared to the second quarter of 2010 and gained 4.3 points (+ 3.6%) when compared to the corresponding quarter of 2009. These are mainly the results of higher prices in activities related to stone crushing.

2.2.4 Manufacture of chemicals and chemical products

The index rose by 1.3 points (+1.1%) compared to the previous quarter of 2010. This was mainly due to higher prices in “Manufacture of soap, detergents & cleaning preparations & cosmetics”. Compared to the corresponding quarter of 2009, the index moved up by 7.7 points (+6.6%) largely attributable to higher prices in “Manufacture of basic chemicals, except fertilizers and nitrogen compounds” (+16.3%).

Central Statistics Office

Ministry of Finance and Economic Development
PORT LOUIS
December 2010

Contact Persons:

Mrs. F. Koussa (Statistician) or Mr. G.G Chandydial (Senior Statistical Officer)
Statistics Unit
Ministry of Industry and Commerce
6th Floor, Air Mauritius Bldg., Port-Louis
Tel. (230) 211 5356 Fax: (230) 212 8429
Website: <http://statsmauritius.gov.mu>

Table 1 (a) - Monthly indices by NSIC group, October 2009 to September 2010 - Manufacturing Sector

Year 2007 = 100

NSIC	Activity group	Weight	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Percent changes (%) from		
															June 10 to	July 10 to	Aug 10 to
															July 10	Aug 10	Sept 10
15	Manufacture of food products and beverages	514	112.0	111.8	111.7	112.0	112.3	112.5	112.6	113.4	113.6	113.5	113.6	113.5	-0.1	0.2	-0.1
17	Manufacture of textiles	6	90.0	90.0	90.0	138.8	139.2	140.3	141.1	141.5	142.0	143.5	143.5	143.5	1.1	0.0	0.0
18	Manufacture of wearing apparel	16	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	105.4	105.4	105.4	2.2	0.0	0.0
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	140.6	140.6	140.6	140.6	140.6	140.6	148.7	148.7	148.7	148.7	148.7	148.7	0.0	0.0	0.0
20	Manufacture of wood, wood products and cork except furniture	14	111.1	111.1	111.1	108.9	108.9	108.9	104.6	104.6	104.6	104.6	104.6	104.6	0.0	0.0	0.0
21	Manufacture of paper and paper products	9	105.0	105.0	106.9	106.9	106.9	106.3	109.5	109.5	109.5	110.4	110.9	110.9	0.8	0.5	0.0
22	Publishing, printing and reproduction of recorded media	59	106.5	106.5	117.0	106.5	106.5	106.5	106.5	106.5	107.6	108.1	108.1	108.1	0.4	0.0	0.0
24	Manufacture of chemicals and chemical products	95	118.1	118.1	118.1	122.1	122.7	122.7	123.3	123.3	124.0	124.8	124.8	124.8	0.7	0.0	0.0
25	Manufacture of rubber and plastic products	51	109.1	109.3	109.3	110.4	110.4	110.4	111.1	111.2	111.1	111.8	111.8	111.8	0.6	0.0	0.0
26	Manufacture of other non-metallic mineral products	117	121.1	121.0	121.0	121.0	121.0	121.0	118.3	118.4	118.4	125.3	125.3	125.6	5.8	0.0	0.3
27	Manufacture of basic metals	24	95.5	95.5	95.5	95.5	95.5	94.9	96.4	103.9	110.5	102.0	102.0	102.0	-7.7	0.0	0.0
28	Manufacture of fabricated metal products	33	107.6	107.3	107.1	107.1	107.1	107.1	107.1	107.1	107.8	107.8	108.0	106.0	0.0	0.2	-1.9
29	Manufacture of machinery and equipment n.e.c	9	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	102.0	102.0	102.0	0.6	0.0	0.0
31	Manufacture of electrical machinery and apparatus	12	70.8	74.4	77.3	77.3	79.7	79.7	84.1	84.1	84.1	84.1	84.1	84.1	0.0	0.0	0.0
34	Manufacture of motor vehicles, trailers and semi-trailers	3	123.3	123.3	123.3	126.9	126.9	126.9	126.9	126.9	126.9	129.8	129.8	129.8	2.3	0.0	0.0
35	Manufacture of other transport equipment	3	104.4	103.3	100.2	102.4	102.9	105.9	106.9	110.3	117.3	111.6	109.1	108.6	-4.9	-2.3	-0.4
36	Manufacture of furniture, and manufacturing n.e.c.	33	122.6	125.9	125.6	125.6	125.6	125.9	126.2	126.8	127.0	127.8	127.8	127.9	0.7	0.0	0.1
15 - 36	Manufacturing sector	1,000	111.8	111.9	112.5	112.7	112.9	113.1	113.0	113.7	114.1	114.8	114.9	114.8	0.6	0.1	-0.1

Table 1 (b) - Food Products and Beverages :- Monthly indices by NSIC Group, October 2009 to September 2010

Year 2007 = 100

NSIC	Activity group	Weight	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Percent changes (%) from		
															June 10 to July 10	July 10 to Aug 10	Aug 10 to Sept 10
151-154	Manufacture of Food products	360	111.2	110.8	110.5	110.4	110.7	110.9	111.1	112.2	112.5	112.3	112.5	112.4	-0.2	0.2	-0.1
1511	Production, processing and preservation of meat and meat products	122	104.8	104.8	104.8	104.8	105.3	105.3	105.6	105.6	105.6	107.7	107.7	107.7	1.9	0.0	0.0
1512	Processing and preservation of fish and fish products	7	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	149.1	149.1	149.1	148.8	0.0	0.0	-0.2
1513	Processing and preservation of fruits and vegetables	7	115.6	115.6	115.6	115.6	115.6	117.3	117.3	118.8	118.8	118.8	118.8	118.8	0.0	0.0	0.0
1514	Manufacture of vegetable and animal oils and fats	36	116.3	115.9	115.9	113.1	113.1	113.1	113.1	111.9	111.9	111.8	112.3	112.3	0.0	0.4	0.0
1520	Manufacture of dairy products	20	109.8	109.8	109.8	107.8	107.8	111.7	111.7	113.5	113.5	113.5	113.5	113.5	0.0	0.0	0.0
1531	Manufacture of grain mill products	61	101.1	99.3	97.8	99.9	100.1	99.5	100.2	105.8	105.7	100.4	99.7	98.9	-5.0	-0.6	-0.9
1533	Manufacture of prepared animal feeds	59	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	0.0	0.0	0.0
1541	Manufacture of bakery products, of which	27	111.7	111.7	111.7	109.5	110.9	110.9	110.9	110.9	110.9	111.3	111.3	111.3	0.3	0.0	0.0
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	0.0	0.0	0.0
15413/ 15430	<i>Biscuits manufacturing</i>	6	110.6	110.6	110.6	101.1	106.9	106.9	106.9	106.9	106.9	108.5	108.5	108.5	1.5	0.0	0.0
1544	Manufacture of macaroni, noodles and similar products	10	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	132.4	132.4	0.0	12.7	0.0
1549	Manufacture of other food products	11	113.8	113.7	113.1	117.0	116.8	117.2	116.0	116.3	117.0	118.3	117.7	118.1	1.1	-0.5	0.3
15491	<i>Tea</i>	7	116.1	116.0	114.9	119.6	119.3	119.9	119.5	120.0	118.8	119.4	118.4	119.0	0.5	-0.8	0.5
15494/ 15495	<i>Spices and Peanut butter</i>	2	120.8	120.8	120.8	126.7	126.7	126.7	126.7	126.7	135.5	141.5	141.5	141.5	4.4	0.0	0.0
155	Manufacture of Beverages	154	114.1	114.1	114.5	115.9	115.9	116.2	116.2	116.2	116.2	116.3	116.3	116.3	0.1	0.0	0.0
1551	Distilling, blending & bottling of spirit	53	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	0.0	0.0	0.0
1552	Wine	9	122.1	122.1	122.1	122.1	122.1	128.2	128.2	128.2	128.2	128.4	128.4	128.4	0.1	0.0	0.0
1553	Beer	71	114.1	114.1	114.1	115.6	115.6	115.6	115.6	115.6	115.6	115.7	115.7	115.7	0.1	0.0	0.0
1554	Soft drinks	21	117.7	117.7	120.5	125.7	125.7	125.7	125.6	125.7	125.7	125.7	125.7	125.7	0.0	0.0	0.0
15	Manufacture of Food Products and Beverages	514	112.0	111.8	111.7	112.0	112.3	112.5	112.6	113.4	113.6	113.5	113.6	113.5	-0.1	0.2	-0.1

Table 1 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, October 2009 to September 2010 - Manufacturing Sector

Year 2007 = 100

NSIC	Activity group	Weight	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Percent changes (%) from		
															June 10 to July 10	July 10 to Aug 10	Aug 10 to Sept 10
24	Manufacture of chemicals and chemical products	95	118.1	118.1	118.1	122.1	122.7	122.7	123.3	123.3	124.0	124.8	124.8	124.8	0.7	0.0	0.0
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	118.9	118.9	118.9	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	0.0	0.0	0.0
2422	<i>Manufacture of ink, paints, etc.</i>	34	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	0.0	0.0	0.0
2424	<i>Manufacture of soap, detergents & cleaning preparations & cosmetics</i>	42	118.8	118.8	118.8	119.7	120.9	120.9	122.3	122.3	123.9	125.8	125.8	125.8	1.5	0.0	0.0
26	Manufacture of other non-metallic mineral products	117	121.1	121.0	121.0	121.0	121.0	121.0	118.3	118.4	118.4	125.3	125.3	125.6	5.8	0.0	0.3
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	114.9	114.9	114.9	119.6	119.6	119.6	119.6	121.6	0.0	0.0	1.6
2695	<i>Manufacture of articles of concrete</i>	27	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	109.6	0.0	0.0	0.9
2699	<i>Manufacture of other non-metallic mineral products</i>	87	125.4	125.4	125.4	125.4	125.4	125.4	121.5	121.5	121.5	131.2	131.2	131.2	7.9	0.0	0.1

Table 2 (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	117.6	113.1	113.3	113.9	112.5	112.0	112.7	112.6	112.2	112.0	111.8	111.7	112.9
17	Manufacture of textiles	6	138.8	139.2	140.3	141.1	141.5	142.0	90.0	90.0	90.0	90.0	90.0	90.0	112.5
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	101.8
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	142.6
20	Manufacture of wood, wood products and cork except furniture	14	115.7	114.9	114.9	114.9	114.9	114.9	115.4	115.4	114.0	111.1	111.1	111.1	114.0
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	106.9	104.5
22	Publishing, printing and reproduction of recorded media	59	101.8	101.8	101.8	101.8	101.8	101.8	101.8	106.5	106.5	106.5	106.5	117.0	104.5
24	Manufacture of chemicals and chemical products	95	114.5	114.5	114.5	115.6	115.7	115.8	117.1	117.1	117.2	118.1	118.1	118.1	116.3
25	Manufacture of rubber and plastic products	51	99.1	99.2	99.2	99.9	100.1	100.3	100.3	100.7	100.7	109.1	109.3	109.3	102.2
26	Manufacture of other non-metallic mineral products	117	118.3	118.3	118.3	118.3	118.3	118.3	121.1	121.1	121.1	121.1	121.0	121.0	119.7
27	Manufacture of basic metals	24	138.1	138.1	138.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	104.8
28	Manufacture of fabricated metal products	33	108.8	109.1	109.1	109.1	109.1	109.1	107.6	107.6	107.6	107.6	107.3	107.1	108.2
29	Manufacture of machinery and equipment n.e.c	9	93.6	93.6	93.6	104.0	104.0	104.0	101.4	101.4	101.4	101.4	101.4	101.4	100.0
31	Manufacture of electrical machinery and apparatus	12	72.4	52.2	58.1	58.1	58.6	58.6	62.6	66.8	70.8	70.8	74.4	77.3	64.6
34	Manufacture of motor vehicles, trailers and semi-trailers	3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3
35	Manufacture of other transport equipment	3	106.2	107.8	110.8	110.3	109.8	108.8	109.4	108.1	106.2	104.4	103.3	100.2	107.1
36	Manufacture of furniture, and manufacturing n.e.c.	33	119.4	119.5	119.5	119.4	117.9	117.6	117.6	117.6	117.6	122.6	125.9	125.6	120.0
15 - 36	Manufacturing sector	1,000	114.3	111.7	111.9	111.5	110.8	110.6	111.1	111.4	111.3	111.8	111.9	112.5	111.7

Table 2 (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
151-154	Manufacture of Food products	360	120.0	113.6	113.8	113.8	111.8	111.1	112.1	112.0	111.4	111.2	110.8	110.5	112.6
1511	Production, processing and preservation of meat and meat products	122	106.9	106.9	106.9	105.7	101.8	101.8	104.6	104.6	104.8	104.8	104.8	104.8	104.9
1512	Processing and preservation of fish and fish products	7	125.8	125.8	125.8	125.8	125.8	125.8	126.3	126.3	126.3	130.0	130.0	130.0	127.0
1513	Processing and preservation of fruits and vegetables	7	105.9	105.9	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.6	115.6	115.6	113.6
1514	Manufacture of vegetable and animal oils and fats	36	133.5	124.1	124.1	124.1	124.1	117.8	117.8	117.8	116.3	116.3	115.9	115.9	120.5
1520	Manufacture of dairy products	20	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
1531	Manufacture of grain mill products	61	143.6	108.6	108.6	111.2	107.8	107.3	106.6	105.8	103.2	101.1	99.3	97.8	107.9
1533	Manufacture of prepared animal feeds	59	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1	130.1
1541	Manufacture of bakery products, of which	27	110.1	110.1	110.1	110.1	110.1	110.1	111.7	111.8	111.8	111.7	111.7	111.7	110.9
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	110.1	110.1	110.1	110.1	110.1	110.1	112.1	112.1	112.1	112.1	112.1	112.1	111.1
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	110.3
1544	Manufacture of macaroni, noodles and similar products	10	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5
1549	Manufacture of other food products	11	113.5	113.5	113.5	113.3	113.0	113.5	113.0	113.0	113.4	113.8	113.7	113.1	113.4
15491	<i>Tea</i>	7	115.6	115.7	115.6	115.2	114.8	115.6	114.7	114.8	115.4	116.1	116.0	114.9	115.4
15494/ 15495	<i>Spices and Peanut butter</i>	2	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8
155	Manufacture of Beverages	154	112.1	112.1	112.3	114.0	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.5	113.6
1551	Distilling, blending & bottling of spirit	53	106.6	106.6	106.6	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	110.3
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	121.0
1553	Beer	71	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1
1554	Soft drinks	21	117.2	117.2	117.2	117.2	117.7	117.7	117.7	117.7	117.7	117.7	117.7	120.5	117.8
15	Manufacture of Food Products and Beverages	514	117.6	113.1	113.3	113.9	112.5	112.0	112.7	112.6	112.2	112.0	111.8	111.7	112.9

Table 2 (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
24	Manufacture of chemicals and chemical products	95	114.5	114.5	114.5	115.6	115.7	115.8	117.1	117.1	117.2	118.1	118.1	118.1	116.3
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	112.4	112.4	112.4	112.4	112.4	112.4	118.9	118.9	118.9	118.9	118.9	118.9	115.6
2422	<i>Manufacture of ink, paints, etc.</i>	34	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.3	116.8	116.8	116.8	114.7
2424	<i>Manufacture of soap, detergents & cleaning preparations & cosmetics</i>	42	115.8	115.8	115.8	118.4	118.6	119.0	118.8	118.8	118.8	118.8	118.8	118.8	118.0
26	Manufacture of other non-metallic mineral products	117	118.3	118.3	118.3	118.3	118.3	118.3	121.1	121.1	121.1	121.1	121.0	121.0	119.7
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	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
2699	<i>Manufacture of other non-metallic mineral products</i>	87	121.6	121.6	121.6	121.6	121.6	121.6	125.4	125.4	125.4	125.4	125.4	125.4	123.5

Table 3 (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	113.0	114.3	115.7	116.7	117.0	116.7	116.8	118.7	120.3	121.4	122.0	121.9	117.9
17	Manufacture of textiles	6	118.7	118.7	118.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	122.4
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	96.0
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	139.9
20	Manufacture of wood, wood products and cork except furniture	14	114.5	115.6	111.6	111.6	111.6	111.6	117.9	117.9	117.9	117.9	117.9	117.9	115.3
21	Manufacture of paper and paper products	9	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	105.5	105.5	105.5	103.5
22	Publishing, printing and reproduction of recorded media	59	113.2	113.2	113.2	99.3	99.3	99.3	105.2	105.2	105.2	101.8	101.8	101.8	104.7
24	Manufacture of chemicals and chemical products	95	107.4	108.1	108.4	108.4	108.4	108.6	110.3	111.7	113.4	113.4	114.0	114.3	110.5
25	Manufacture of rubber and plastic products	51	98.3	98.3	98.3	98.2	98.3	98.2	98.3	98.3	98.3	99.2	99.2	99.0	98.5
26	Manufacture of other non-metallic mineral products	117	109.8	109.8	109.8	109.8	109.8	109.8	117.5	117.5	117.5	123.8	119.6	118.9	114.3
27	Manufacture of basic metals	24	105.8	105.8	107.2	118.8	121.1	121.1	132.4	153.1	157.0	157.0	142.6	139.2	128.7
28	Manufacture of fabricated metal products	33	104.2	104.2	104.2	104.2	104.2	106.3	108.4	108.4	111.3	111.3	109.1	109.1	107.0
29	Manufacture of machinery and equipment n.e.c	9	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4
31	Manufacture of electrical machinery and apparatus	12	103.7	103.7	103.7	103.7	103.7	84.5	80.0	80.0	80.0	80.0	80.0	72.4	88.8
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	123.3	123.3	123.3	108.1
35	Manufacture of other transport equipment	3	95.3	94.0	90.8	88.8	91.8	92.4	91.1	92.2	95.6	97.1	100.8	102.9	94.3
36	Manufacture of furniture, and manufacturing n.e.c.	33	103.8	104.5	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.9	104.6
15 - 36	Manufacturing sector	1,000	110.0	110.8	111.4	111.4	111.6	111.3	112.2	114.5	115.7	116.9	116.4	116.1	113.2

Table 3 (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
151-154	Manufacture of Food products	360	115.5	117.4	119.5	120.5	120.8	120.5	120.6	121.8	124.3	125.8	126.7	126.5	121.6
1511	Production, processing and preservation of meat and meat products	122	103.0	103.5	104.4	104.9	104.9	105.1	106.0	106.0	107.5	107.5	107.5	106.9	105.6
1512	Processing and preservation of fish and fish products	7	104.8	104.8	104.8	105.7	105.7	105.7	110.8	110.8	110.8	111.6	111.6	111.6	108.2
1513	Processing and preservation of fruits and vegetables	7	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
1514	Manufacture of vegetable and animal oils and fats	36	113.5	113.5	133.5	133.5	135.9	135.9	134.2	135.0	135.0	134.6	133.5	133.5	130.7
1520	Manufacture of dairy products	20	118.6	118.6	118.6	114.3	114.3	114.3	114.3	114.3	115.8	112.6	112.6	112.6	115.0
1531	Manufacture of grain mill products	61	158.0	152.4	150.1	158.0	158.8	155.7	153.0	161.1	166.3	180.6	186.9	186.9	163.5
1533	Manufacture of prepared animal feeds	59	113.9	128.5	128.5	128.5	128.5	128.5	2.2	128.5	135.5	135.5	138.1	138.1	92.5
1541	Manufacture of bakery products, of which	27	106.3	106.8	106.8	106.8	106.8	106.8	109.2	109.6	109.8	109.8	109.8	109.8	108.2
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	106.9	106.9	106.9	106.9	106.9	106.9	110.1	110.1	110.1	110.1	110.1	110.1	108.5
15413/ 15430	<i>Biscuits manufacturing</i>	6	103.9	106.2	106.2	106.2	106.2	106.2	106.2	107.8	109.0	109.0	109.0	109.0	107.0
1544	Manufacture of macaroni, noodles and similar products	10	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5
1549	Manufacture of other food products	11	109.4	110.4	113.1	112.8	113.5	113.5	113.9	113.9	114.1	114.0	111.5	111.9	112.6
15491	<i>Tea</i>	7	110.6	112.1	116.4	116.1	116.7	116.8	116.2	116.2	116.5	116.3	112.4	113.0	114.9
15494/ 15495	<i>Spices and Peanut butter</i>	2	115.3	115.3	115.3	115.3	116.8	116.8	120.8	120.8	120.8	120.8	120.8	120.8	118.3
155	Manufacture of Beverages	154	107.4	107.4	107.4	108.3	108.4	108.4	108.4	111.6	111.7	111.7	111.7	111.7	109.5
1551	Distilling, blending & bottling of spirit	53	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
1552	Wine	9	100.3	100.3	100.3	115.4	116.7	116.7	116.7	116.7	117.8	117.8	117.8	117.8	112.6
1553	Beer	71	109.4	109.4	109.4	109.4	109.4	109.4	109.4	114.1	114.1	114.1	114.1	114.1	111.3
1554	Soft drinks	21	109.1	109.1	109.1	109.1	109.1	109.1	109.1	117.2	117.2	117.2	117.2	117.2	112.4
15	Manufacture of Food Products and Beverages	514	113.0	114.3	115.7	116.7	117.0	116.7	116.8	118.7	120.3	121.4	122.0	121.9	117.9

Table 3 (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
24	Manufacture of chemicals and chemical products	95	107.4	108.1	108.4	108.4	108.4	108.6	110.3	111.7	113.4	113.4	114.0	114.3	110.5
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	103.7	103.7	103.7	103.7	103.7	103.7	112.4	112.4	112.4	112.4	112.4	112.4	107.9
2422	<i>Manufacture of ink, paints, etc.</i>	34	105.8	105.8	105.8	105.8	105.8	105.8	105.8	109.4	114.0	114.0	114.0	114.0	108.8
2424	<i>Manufacture of soap, detergents & cleaning preparations & cosmetics</i>	42	110.4	112.1	112.8	112.8	112.8	113.2	113.2	113.2	113.3	113.3	114.7	115.4	113.1
26	Manufacture of other non-metallic mineral products	117	109.8	109.8	109.8	109.8	109.8	109.8	117.5	117.5	117.5	123.8	119.6	118.9	114.3
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	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
2699	<i>Manufacture of other non-metallic mineral products</i>	87	110.0	110.0	110.0	110.0	110.0	110.0	120.4	120.4	120.4	129.2	123.4	122.5	116.2

Table 4 (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	91.9	93.4	94.1	99.8	99.9	102.7	101.2	101.1	103.3	103.1	105.3	105.3	100.0
17	Manufacture of textiles	6	101.8	101.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
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	100.0
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	100.0
20	Manufacture of wood, wood products and cork except furniture	14	86.2	86.2	94.4	94.4	94.4	97.8	98.9	98.9	98.9	119.2	119.2	119.2	100.0
21	Manufacture of paper and paper products	9	96.8	96.8	96.8	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	100.0
22	Publishing, printing and reproduction of recorded media	59	100.3	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	114.3	100.0
24	Manufacture of chemicals and chemical products	95	95.3	95.3	96.9	97.9	97.9	98.1	99.5	99.5	102.6	105.9	106.1	106.1	100.0
25	Manufacture of rubber and plastic products	51	97.5	97.5	97.5	97.8	97.8	97.8	98.2	98.2	98.2	106.8	106.8	106.8	100.0
26	Manufacture of other non-metallic mineral products	117	98.1	98.1	98.1	98.1	98.1	98.1	100.3	100.3	100.3	103.7	103.7	103.7	100.0
27	Manufacture of basic metals	24	80.1	80.1	80.1	80.1	80.1	114.1	122.5	122.5	122.5	122.5	109.7	107.6	100.0
28	Manufacture of fabricated metal products	33	96.7	99.3	99.3	99.3	99.3	99.3	99.6	99.6	101.1	101.1	101.1	104.7	100.0
29	Manufacture of machinery and equipment n.e.c	9	93.6	93.6	93.6	104.0	104.0	104.0	101.4	101.4	101.4	101.4	101.4	101.4	100.0
31	Manufacture of electrical machinery and apparatus	12	96.4	96.4	96.4	96.4	96.4	96.4	103.7	103.7	103.7	103.7	103.7	103.7	100.0
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	100.0
35	Manufacture of other transport equipment	3	104.1	103.5	102.7	102.1	99.4	99.6	100.0	98.5	98.8	98.0	98.2	95.5	100.0
36	Manufacture of furniture, and manufacturing n.e.c.	33	97.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	101.0	101.5	101.5	100.0
15 - 36	Manufacturing sector	1,000	93.9	94.8	95.4	98.6	98.6	101.0	101.0	101.0	102.5	103.8	104.7	105.7	100.0

Table 4 (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
151-154	Manufacture of Food products	360	90.1	92.2	93.1	100.1	100.3	104.3	102.2	102.0	103.2	102.9	105.5	105.6	100.0
1511	Production, processing and preservation of meat and meat products	122	85.9	91.8	94.4	101.5	101.5	113.2	101.7	101.7	104.0	103.2	101.9	101.9	100.0
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	100.0
1513	Processing and preservation of fruits and vegetables	7	94.9	94.9	94.9	94.8	95.9	95.9	105.0	105.0	105.0	105.0	105.0	105.0	100.0
1514	Manufacture of vegetable and animal oils and fats	36	92.5	92.5	92.5	93.9	93.9	94.0	104.3	104.3	104.3	104.3	113.5	113.5	100.0
1520	Manufacture of dairy products	20	94.5	94.5	94.8	94.8	94.8	99.1	98.5	98.5	98.7	98.7	118.1	118.6	100.0
1531	Manufacture of grain mill products	61	80.7	80.7	80.7	105.9	106.8	106.8	108.4	106.8	109.2	109.2	106.8	106.8	100.0
1533	Manufacture of prepared animal feeds	59	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	107.5	107.5	100.0
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	100.0
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	99.1	99.1	99.1	99.1	99.1	99.1	101.0	101.0	101.0	101.0	101.0	101.0	100.0
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	100.0
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	100.0
1549	Manufacture of other food products	11	97.8	99.3	99.3	99.2	99.0	99.0	100.3	101.1	100.9	100.8	100.7	102.7	100.0
15491	<i>Tea</i>	7	99.6	99.5	99.4	99.3	99.1	99.1	100.0	101.2	101.0	100.8	100.7	100.4	100.0
15494/ 15495	<i>Spices and Peanut butter</i>	2	89.8	97.8	97.8	97.8	97.8	97.8	101.7	101.7	101.7	101.7	101.7	114.1	100.0
155	Manufacture of Beverages	154	96.3	96.3	96.3	98.9	98.9	98.9	99.0	99.0	103.7	103.7	104.8	104.8	100.0
1551	Distilling, blending & bottling of spirit	53	99.5	99.5	99.5	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.0
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	100.0
1553	Beer	71	92.7	92.7	92.7	97.8	97.8	97.8	97.8	97.8	108.3	108.3	109.4	109.4	100.0
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	100.0
15	Manufacture of Food Products and Beverages	514	91.9	93.4	94.1	99.8	99.9	102.7	101.2	101.1	103.3	103.1	105.3	105.3	100.0

Table 4 (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
24	Manufacture of chemicals and chemical products	95	95.3	95.3	96.9	97.9	97.9	98.1	99.5	99.5	102.6	105.9	106.1	106.1	100.0
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	96.5	96.5	96.5	96.5	96.5	96.5	103.7	103.7	103.7	103.7	103.7	103.7	100.0
2422	<i>Manufacture of ink, paints, etc.</i>	34	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	101.3	105.8	105.8	105.8	100.0
2424	<i>Manufacture of soap, detergents & cleaning preparations & cosmetics</i>	42	92.9	92.9	96.4	98.6	98.6	99.0	99.0	99.0	103.1	107.1	107.4	107.4	100.0
26	Manufacture of other non-metallic mineral products	117	98.1	98.1	98.1	98.1	98.1	98.1	100.3	100.3	100.3	103.7	103.7	103.7	100.0
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	100.0
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	100.0
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	104.4	104.4	104.4	100.0

Table 5 (a) - Quarterly indices by NSIC group, 1st Quarter 2009 to 3rd Quarter 2010 - Manufacturing Sector

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010			Percent changes (%) from	
			1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	1 st Qr.	2 nd Qr.	3 rd Qr.	2 nd Qr. 10 to 3 rd Qr. 10	3 rd Qr. 09 to 3 rd Qr. 10
15	Manufacture of food products and beverages	514	114.7	112.8	112.5	111.8	112.3	113.2	113.5	0.3	0.9
17	Manufacture of textiles	6	139.4	141.5	90.0	90.0	139.4	141.5	143.5	1.4	59.4
18	Manufacture of wearing apparel	16	100.0	101.0	103.1	103.1	103.1	103.1	105.4	2.2	2.2
19	Tanning, dressing of leather, manufacture of luggage, handbags, etc.	2	140.6	148.7	140.6	140.6	140.6	148.7	148.7	0.0	5.7
20	Manufacture of wood, wood products and cork except furniture	14	115.1	114.9	115.0	111.1	108.9	104.6	104.6	0.0	-9.0
21	Manufacture of paper and paper products	9	103.7	103.7	105.0	105.6	106.7	109.5	110.7	1.1	5.5
22	Publishing, printing and reproduction of recorded media	59	101.8	101.8	104.9	109.9	106.5	106.9	108.1	1.1	3.0
24	Manufacture of chemicals and chemical products	95	114.5	115.7	117.1	118.1	122.5	123.5	124.8	1.1	6.6
25	Manufacture of rubber and plastic products	51	99.2	100.1	100.6	109.2	110.4	111.1	111.8	0.6	11.2
26	Manufacture of other non-metallic mineral products	117	118.3	118.3	121.1	121.0	121.0	118.3	125.4	6.0	3.6
27	Manufacture of basic metals	24	138.1	95.5	95.5	95.5	95.3	103.4	102.0	-1.4	6.8
28	Manufacture of fabricated metal products	33	109.0	109.1	107.6	107.3	107.1	107.3	107.3	-0.1	-0.3
29	Manufacture of machinery and equipment n.e.c	9	93.6	104.0	101.4	101.4	101.4	101.4	102.0	0.6	0.6
31	Manufacture of electrical machinery and apparatus	12	60.3	58.4	66.7	74.1	78.9	84.1	84.1	0.0	26.2
34	Manufacture of motor vehicles, trailers and semi-trailers	3	123.3	123.3	123.3	123.3	126.9	126.9	129.8	2.3	5.3
35	Manufacture of other transport equipment	3	108.3	109.6	107.9	102.6	103.7	111.4	109.8	-1.5	1.7
36	Manufacture of furniture, and manufacturing n.e.c.	33	119.5	118.3	117.6	124.7	125.7	126.7	127.9	1.0	8.7
15 - 36	Manufacturing sector	1,000	112.6	110.9	111.3	112.1	112.9	113.6	114.9	1.1	3.2

Table 5 (b) - Food Products and Beverages: Quarterly indices by NSIC Group, 1st Quarter 2009 to 3rd Quarter 2010

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010			Percent changes (%) from	
			1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	1 st Qr.	2 nd Qr.	3 rd Qr.	2 nd Qr. 10 to 3 rd Qr. 10	3 rd Qr. 09 to 3 rd Qr. 10
151-154	Manufacture of Food products	360	115.8	112.2	111.9	110.8	110.7	111.9	112.4	0.4	0.5
1511	Production, processing and preservation of meat and meat products	122	106.9	103.1	104.7	104.8	105.1	105.6	107.7	1.9	2.9
1512	Processing and preservation of fish and fish products	7	125.8	125.8	126.3	130.0	130.0	136.1	149.0	9.5	17.9
1513	Processing and preservation of fruits and vegetables	7	108.9	115.1	115.1	115.6	116.2	118.3	118.8	0.4	3.2
1514	Manufacture of vegetable and animal oils and fats	36	127.2	122.0	117.3	116.0	113.1	112.3	112.1	-0.2	-4.4
1520	Manufacture of dairy products	20	109.8	109.8	109.8	109.8	109.1	112.9	113.5	0.5	3.4
1531	Manufacture of grain mill products	61	119.2	108.7	105.2	99.4	99.8	103.9	99.7	-4.1	-5.3
1533	Manufacture of prepared animal feeds	59	130.1	130.1	130.1	130.1	130.1	130.1	130.1	0.0	0.0
1541	Manufacture of bakery products, of which	27	110.1	110.1	111.8	111.7	110.5	110.9	111.3	0.3	-0.4
15411/ 15412	<i>Bread manufacturing (with or without pastry), boul</i>	21	<i>110.1</i>	<i>110.1</i>	<i>112.1</i>	<i>112.1</i>	<i>112.1</i>	<i>112.1</i>	<i>112.1</i>	<i>0.0</i>	<i>0.0</i>
15413/ 15430	<i>Biscuits manufacturing</i>	6	<i>110.0</i>	<i>110.0</i>	<i>110.7</i>	<i>110.6</i>	<i>104.9</i>	<i>106.9</i>	<i>108.5</i>	<i>1.5</i>	<i>-2.0</i>
1544	Manufacture of macaroni, noodles and similar products	10	117.5	117.5	117.5	117.5	117.5	117.5	127.2	8.3	8.3
1549	Manufacture of other food products	11	113.5	113.3	113.1	113.5	117.0	116.4	118.0	1.4	4.3
15491	<i>Tea</i>	7	<i>115.6</i>	<i>115.2</i>	<i>115.0</i>	<i>115.7</i>	<i>119.6</i>	<i>119.4</i>	<i>119.0</i>	<i>-0.4</i>	<i>3.5</i>
15494/ 15495	<i>Spices and Peanut butter</i>	2	<i>120.8</i>	<i>120.8</i>	<i>120.8</i>	<i>120.8</i>	<i>126.7</i>	<i>129.6</i>	<i>141.5</i>	<i>9.2</i>	<i>17.1</i>
155	Manufacture of Beverages	154	112.1	114.1	114.1	114.2	116.0	116.2	116.3	0.1	1.9
1551	Distilling, blending & bottling of spirit	53	106.6	111.5	111.5	111.5	111.5	111.5	111.5	0.0	0.0
1552	Wine	9	118.9	121.3	121.8	122.1	124.1	128.2	128.4	0.1	5.4
1553	Beer	71	114.1	114.1	114.1	114.1	115.6	115.6	115.7	0.1	1.5
1554	Soft drinks	21	117.2	117.5	117.7	118.6	125.7	125.7	125.7	0.0	6.8
15	Manufacture of Food Products and Beverages	514	114.7	112.8	112.5	111.8	112.3	113.2	113.5	0.3	0.9

Table 5 (c) - Manufacture of chemicals and chemical products & Manufacture of non-metallic mineral products :- Quarterly indices by NSIC group, 1st Quarter 2009 to 3rd Quarter 2010 - Manufacturing Sector

Year 2007 = 100

NSIC	Activity group	Weight	2009				2010			Percent changes (%) from	
			1 st Qr.	2 nd Qr.	3 rd Qr.	4 th Qr.	1 st Qr.	2 nd Qr.	3 rd Qr.	2 nd Qr. 10 to 3 rd Qr. 10	3 rd Qr. 09 to 3 rd Qr. 10
24	Manufacture of chemicals and chemical products	95	114.5	115.7	117.1	118.1	122.5	123.5	124.8	1.1	6.6
2411	<i>Manufacture of basic chemicals, except fertilizers and nitrogen compounds</i>	19	112.4	112.4	118.9	118.9	138.2	138.2	138.2	0.0	16.3
2422	<i>Manufacture of ink, paints, etc.</i>	34	114.0	114.0	114.1	116.8	116.8	116.8	116.8	0.0	2.4
2424	<i>Manufacture of soap, detergents & cleaning preparations & cosmetics</i>	42	115.8	118.6	118.8	118.8	120.5	122.8	125.8	2.4	5.9
26	Manufacture of other non-metallic mineral products	117	118.3	118.3	121.1	121.0	121.0	118.3	125.4	6.0	3.6
2610	<i>Manufacture of glass and glass Products</i>	3	114.9	114.9	114.9	114.9	114.9	118.0	120.3	1.9	4.7
2695	<i>Manufacture of articles of concrete</i>	27	108.6	108.6	108.6	108.6	108.6	108.6	108.9	0.3	0.3
2699	<i>Manufacture of other non-metallic mineral products</i>	87	121.6	121.6	125.4	125.4	125.4	121.5	131.2	7.9	4.6

Table 6 (a) - Comparative monthly and quarterly indices for the Manufacturing Sector, January 1998 - September 2010¹

(Base: Year 2007 = 100)

Month	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
January	55.4	57.6	59.4	61.5	64.7	67.2	70.9	77.6	82.8	93.9	110.0	114.3	112.7
February	55.4	57.7	59.0	61.7	64.7	67.4	71.3	77.6	83.5	94.8	110.8	111.7	112.9
March	55.4	57.6	59.1	61.5	64.7	67.3	70.9	77.5	82.9	95.4	111.4	111.9	113.1
Average 1st Quarter	55.8	58.1	58.8	62.0	64.8	67.6	71.9	77.8	84.3	94.7	110.7	112.6	112.9
April	55.8	58.2	58.8	62.0	64.8	67.8	72.1	78.0	85.2	98.6	111.4	111.5	113.0
May	57.0	58.6	58.7	62.3	64.9	67.9	73.6	77.9	86.1	98.6	111.6	110.8	113.7
June	56.2	58.3	58.8	62.1	64.8	67.8	72.5	77.9	85.2	101.0	111.3	110.6	114.1
Average 2nd Quarter	57.2	58.2	59.2	62.8	65.7	68.1	74.1	79.6	87.4	99.4	111.4	110.9	113.6
July	57.7	58.2	59.2	63.3	65.8	68.5	74.5	79.5	88.1	101.0	112.2	111.1	114.8
August	57.6	58.2	59.1	63.3	65.8	69.0	75.1	79.4	88.6	101.0	114.5	111.4	114.9
September	57.5	58.2	59.2	63.1	65.8	68.5	74.6	79.5	88.0	102.5	115.7	111.3	114.8
Average 3rd Quarter	57.7	58.3	59.5	63.4	66.1	69.4	75.2	80.2	89.0	101.5	114.1	111.3	114.9
October	57.7	58.3	59.6	63.8	66.1	69.5	75.5	80.5	90.5	103.8	116.9	111.8	
November	57.8	58.3	59.8	64.1	66.4	69.7	75.7	81.2	91.7	104.7	116.4	111.9	
December	57.7	58.3	59.7	63.8	66.2	69.5	75.5	80.6	90.4	105.7	116.1	112.5	
Average 4th Quarter	56.7	58.1	59.2	62.6	65.4	68.3	73.4	78.9	86.6	104.7	116.5	112.1	
Yearly average	56.8	58.2	59.2	62.7	65.5	68.3	73.6	79.1	86.8	100.0	113.2	111.7	
Annual change (%)		2.3	1.8	5.9	4.4	4.4	7.7	7.4	9.8	15.2	13.2	-1.3	

¹ The indices for January 1998 to December 2006 originally based on 2003 have been converted to the new base 2007=100

Table 6 (b) - Comparative monthly and quarterly sub - indices for Food products and Beverages sub-group :- January 1998 - September 2010

(Base: Year 2007 = 100)

Month	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
January	53.5	56.7	58.0	60.7	64.1	66.8	71.2	76.1	81.7	91.9	113.0	117.6	112.0
February	53.6	56.7	59.1	60.7	64.1	66.9	71.7	76.2	82.0	93.4	114.3	113.1	112.3
March	53.8	56.6	58.4	61.3	64.1	67.3	72.6	76.2	83.1	94.1	115.7	113.3	112.5
Average 1st Quarter	53.6	56.7	58.5	60.9	64.1	67.0	71.8	76.2	82.3	93.1	114.4	114.7	112.3
April	54.5	57.1	58.3	61.5	64.3	67.6	73.1	76.6	83.7	99.8	116.7	113.9	112.6
May	54.5	57.1	58.2	61.5	64.3	68.0	73.4	76.6	84.0	99.9	117.0	112.5	113.4
June	56.7	57.9	57.9	62.2	64.4	68.1	74.0	76.6	84.5	102.7	116.7	112.0	113.6
Average 2nd Quarter	55.2	57.4	58.1	61.7	64.3	67.9	73.5	76.6	84.1	100.8	116.8	112.8	113.2
July	56.8	57.2	58.5	62.8	64.9	68.1	74.3	79.6	85.9	101.2	116.8	112.7	113.5
August	57.5	57.2	58.5	62.8	65.2	68.4	74.5	79.7	86.3	101.1	118.7	112.6	113.6
September	57.0	57.2	58.4	62.8	65.2	68.5	75.4	79.6	86.7	103.3	120.3	112.2	113.5
Average 3rd Quarter	57.1	57.2	58.5	62.8	65.1	68.4	74.7	79.6	86.3	101.9	118.6	112.5	113.5
October	57.1	57.3	58.6	62.8	65.4	69.3	75.2	79.9	87.8	103.1	121.4	112.0	
November	57.1	57.3	58.8	63.6	65.4	69.5	75.5	80.6	88.1	105.3	122.0	111.8	
December	57.2	57.3	59.1	64.0	65.7	69.9	75.9	80.7	90.0	105.3	121.9	111.7	
Average 4th Quarter	57.1	57.3	58.9	63.5	65.5	69.6	75.6	80.4	88.7	104.6	121.8	111.8	
Yearly average	55.7	57.1	58.5	62.2	64.8	68.2	73.9	78.2	85.3	100.0	117.9	112.9	
Annual change (%)		2.5	2.4	6.4	4.1	5.3	8.4	5.8	9.1	17.3	17.8	-4.2	

¹ The indices for January 1998 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

In contrast to previous ones when the base year was 2003 (2003 = 100), as from this issue of the ESI, PPI-M is using weights updated as at 2007 (2007 = 100).

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 3rd Quarter, producers are contacted during the month of October and November and prices are collected for the months of July, August and September.

Altogether some 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) and up to the previous issue of the ESI in June 2010 the PPI-M was compiled and disseminated with 2003 as base period.

Results from the 2007 Census of Economic Activities being now available it has been possible for this office to update the basket of goods and compile the PPI-M with year 2007 as base period.

8.2 Evolution of weights from 2003 to 2007

The weight ' W_i ' associated with for a particular product 'i' at 5-digit NSIC level is based on the relative proportion of the Gross Output (GO) of the establishments manufacturing that product to the total GO of all establishments comprising the activity group. Weights at higher level of aggregation was compiled using the same methodology

The updated weights were based on data available at the 2007 Census of Economic Activities. From this census, data on Gross Output as well as types of products manufactured were collected from establishments falling within the scope of the PPI-M. It is to be noted that Gross output is valued at basic prices, and thus excludes all taxes on products, namely excise duties and value added tax.

The main observations on the evolution of the weights from 2003 to 2007 are as follows:

- (a) Some activities have gained relatively more importance in terms of their weights in the basket of goods over the years. The main ones are:
 - (i) Manufacture of food products and beverages (from 45.9% to 51.4%)
 - (ii) Manufacture of other non-metallic products (e.g stone crushing) (from 9.6% to 11.7%)
 - (iii) Manufacture of rubber and plastic products (from 2.6% to 5.1%)
 - (iv) Manufacture of machinery and equipment n.e.c (from negligible (0%) to 0.9 %)
- (b) The weights of some of the activity groups have decreased. The main ones are:
 - (i) "Manufacture of Tobacco" (from 2.5% to 0) due to the fact that it is no longer produced in the country
 - (ii) "Manufacture of Textile" and "Manufacture of wearing apparel" (total weights from 4.6% to 2.6%), explained mostly by a shift of establishments in these Division from Non-EOE to EOE.
 - (iii) "Manufacture of chemicals & chemical products" (from 10.4 % to 9.5%), mostly explained by a change in activity from manufacturing to blending.

Distribution of weights by Divisions (2-digit level of NSIC)

NSIC Divisions	Description	Weight 2003	Weight 2007
15	Manufacture of Food Products and Beverages	459	514
16	Manufacture of tobacco products	25	0
17	Manufacture of textiles	20	6
18	Manufacture of wearing Apparel	26	16
19	Tanning, dressing of leather, manufacture of luggage, handbags etc.	5	2
20	Manufacture of wood, wood products and cork except furniture	10	14
21	Manufacture of paper and paper products	23	9
22	Publishing, printing and reproduction of recorded media	67	59
23	Manufacture of coke, refined petroleum products	0	0
24	Manufacture of chemicals and chemical products	104	95
25	Manufacture of rubber and plastic products	26	51
26	Manufacture of other non-metallic mineral products	96	117
27	Manufacture of basic metals	39	24
28	Manufacture of fabricated metal products	54	33
29	Manufacture of machinery and equipment, n.e.c.	0	9
30	Manufacture of office, Accounting and Computing Machinery	0	0
31	Manufacture of electrical machinery and apparatus, n.e.c.	5	12
32	Manufacture of radio, television and communication equipment and apparatus	7	0
33	Manufacture of radio, television and communication equipment and apparatus	0	0
34	Manufacture of motor vehicles, trailers and semi-trailers	4	3
35	Manufacture of other transport equipment	0	3
36	Manufacture of furniture, and manufacturing n.e.c.	30	33
	OVERALL INDEX	1000	1000

9. Index Calculation

As from this issue of the ESI, the methodology for compiling the PPI-M has been improved to meet international recommendations as set out in the 'Producer Price Index Manual' published by the International Monetary Fund.

In contrast to previous issues of the ESI, the PPI is calculated according to a modified geometric Laspeyre's formula known Jevons Price Index. Similarly to the method used previously, it uses constant weights as at the base period (Year 2007) and current prices. However the formula for compiling the index has been changed from a weighted arithmetic average of price relatives to a weighted geometric one.

The formulae used in given below

$$I_c = \prod (P_{ci} / P_{oi})^{W_{io}} * 100$$

where I_c = Index for current period (usually month)
 P_{ci} = Price of product i for the current period
 P_{oi} = Price for product i for the base period (2007)
 W_{io} = Weight associated with product i at the base period

Note that the W_{io} is a proportion and $\sum W_{io} = 1$. E.g If I_c is the Index for the whole manufacturing sector, then W_{oi} for 'Manufacture of food and beverages' (1st Division) for the manufacturing sector = 0.514 (See Table above).

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 geometric average of the indices of the products falling within each division. Finally, the overall index is obtained as a weighted geometric 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 9 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 1998 and given in Table 6.