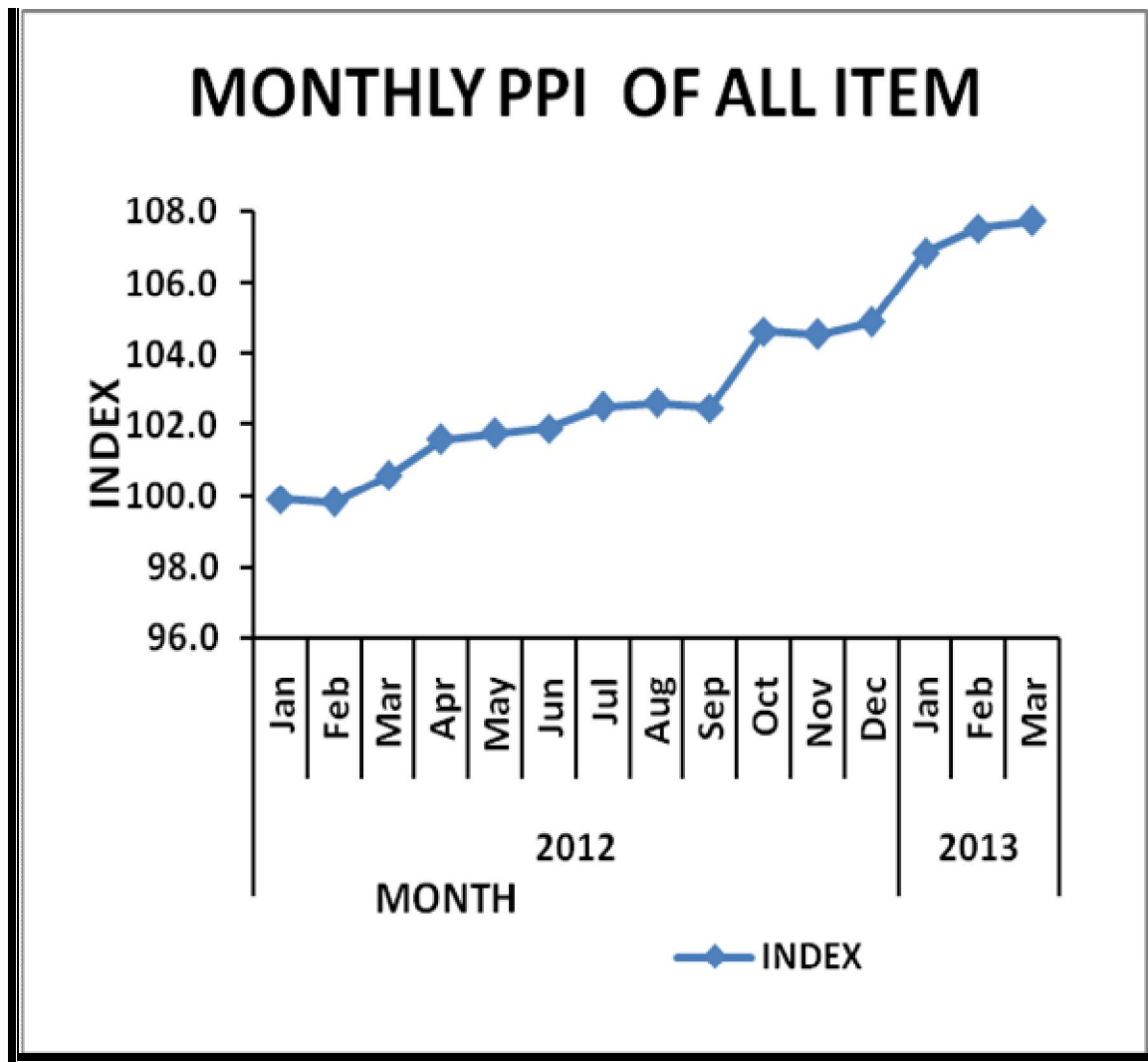


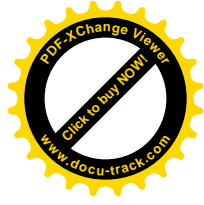
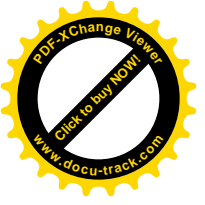
# CENTRAL STATISTICAL AGENCY

PRODUCER PRICE INDEX FOR  
MANUFACTURING (PPI-M)  
JANUARY TO MARCH OF 2013

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



June 2013  
Addis Ababa



PRODUCER PRICE INDICES  
FOR MANUFACTURING /PPI-M/  
(2011=100)  
FIRST QUARTER OF 2013  
JANUARY 2013 TO MARCH 2013

**Central statistical agency**

**Addis Ababa**

**June 2013**

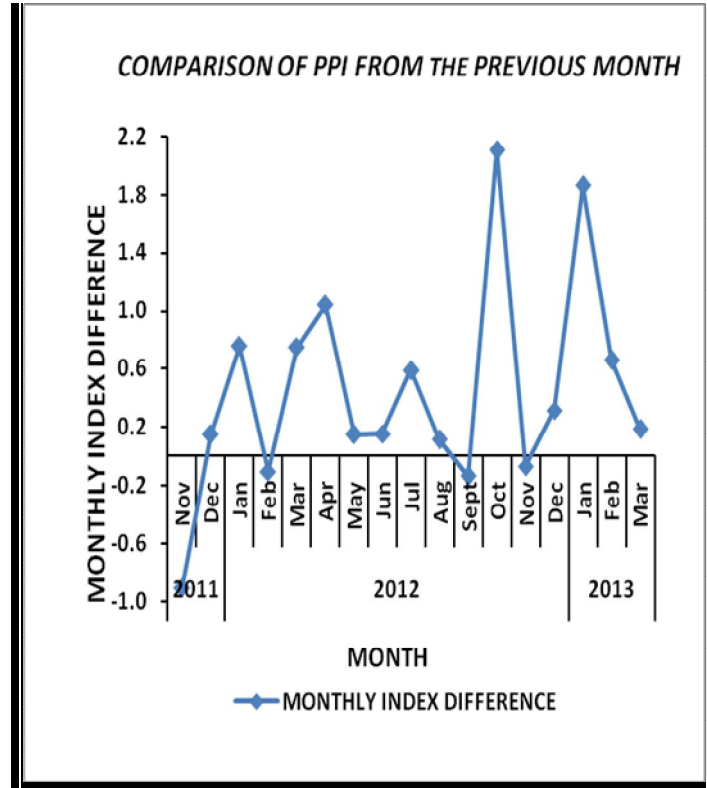
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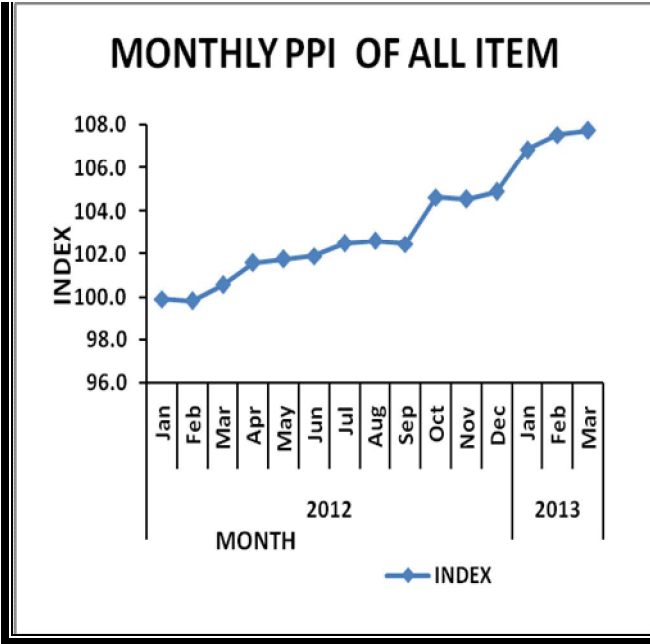
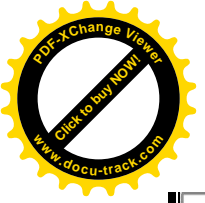
## INTERPRETATION

### 1. PPI – Total Manufacturing

In the first quarter of 2013, Producer Price Index for Total Manufacturing exhibited an increase of 1.9, 0.7 and 0.2 percent in January, February and March respectively, compared to the previous month, i.e. as shown in Table 2 and the corresponding figure (Figure 1). Compared to the previous year's same quarter, total Producer Price Indices increased by 6.9, 7.7 and 7.1 percent in January, February and March respectively. As depicted in Table 3, this increase in producer prices of manufactured products was caused mainly by the rise in producer prices of other items of food, beverage and tobacco. As compared to previous year's the same quarter (first quarter of 2012), Producer Price Index increased by 7.3 percent in the fourth quarter of 2013 (Table 4).



*Figure 1:* Monthly Producer Price Indices for all items (compared to the previous month)



**Figure 2:** Monthly Producer Price Indices variations for all items.

**2. PPI – Food, Beverage and Tobacco**

The producer price indices of food, beverage and tobacco stood at 101.8, 102.5 and 102.4 in January, February and March as depicted in Table 1. Compared to the previous month the index exhibited an increase of 2.0 and 0.6 in January and February respectively, a decrease of 0.1 percent in March (Table 2). As shown in Table 3, compared to the same quarter in 2012, producer price indices exhibited an increase of 2.5, 4.1 and 2.3 percent in January, February and March respectively. The percentage change in producer price indices revealed that there was a 3.0 percent increase in prices of food, beverage and tobacco products in this quarter compared to the previous year’s same quarter as shown in Table 4.

**3. PPI – Other than Food, Beverage and Tobacco**

The monthly producer price indices for manufacturing products other than food, beverage and tobacco products stood at 109.4, 110.1 and 110.5 in January, February and March, respectively as shown in Table 1. Table 2 shows that, producer price indices have increased by 1.8, 0.7 and 0.3 percent in January, February and March respectively. On the other hand, compared to previous year’s same period, producer price indices exhibited a 9.1 percent, 9.5 percent and 9.6 percent rise in January, February and March respectively (Refer to Table 3). This rise was mainly due to the increase in prices of wood and furniture. The percentage change in producer price indices between the corresponding quarters also indicated that there was a 9.4 percent increase in prices of products other than food, beverage and tobacco products as shown in Table 4.

**Remarks**

1. In the previous base year /2005=100/ PPI, there was no ISIC type 1511 /production, processing and preserving of meat and meat products/ but in the new base year /2011=100/ price index it is included.

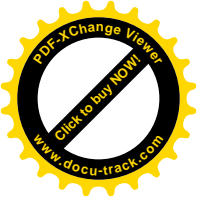


Table 1: Monthly Producer Price indices for Manufacturing, January 2012 to March 2013

Base: Forth Quarter 2011=100

ISIC code	Description	Weight	2012												2013		
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	1000	99.9	99.8	100.6	101.6	101.8	101.9	102.5	102.6	102.5	104.6	104.6	104.9	106.9	107.6	107.8
<b>15</b>	<b>Food , Beverage and Tobacco</b>	336	99.3	98.4	100.1	98.9	99.0	99.0	98.0	97.6	97.6	99.9	99.7	99.8	101.8	102.5	102.4
1511	production,processing and preserving of meat and meat product	9	101.3	108.5	108.5	103.9	105.1	105.9	110.3	110.3	110.3	110.8	110.8	110.8	141.9	141.9	141.9
1514	Vegetable and Animal Oils and Fats	15	97.5	97.5	96.9	96.4	96.2	95.9	89.0	89.1	89.0	91.4	91.4	93.9	93.9	93.9	93.9
1520	Dairy Products	7	100.0	100.0	103.0	103.0	110.4	110.4	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1
1531	Grain Mill Products	106	96.6	98.1	98.0	96.8	96.0	94.7	94.3	93.3	93.3	93.8	93.3	93.2	98.0	98.2	98.7
1541	Bakery Products	62	102.0	103.4	105.7	105.1	105.8	105.3	106.9	106.3	105.9	106.9	106.8	106.7	107.8	108.4	108.3
1542	Sugar	39	98.5	98.6	101.4	94.9	95.2	94.8	86.6	86.6	86.8	86.6	86.6	86.7	87.1	90.9	87.8
1544	Macaroni and Pasta	13	98.1	99.4	99.7	99.9	99.5	98.6	99.2	99.1	98.9	97.9	97.7	96.7	97.9	97.9	97.9
1549	Other Food Products	11	114.3	114.3	114.3	118.3	118.3	136.9	139.9	139.9	139.9	174.0	174.0	174.0	169.5	169.5	169.5
1551	Liquors	12	100.1	113.7	113.7	111.5	111.5	111.5	113.7	113.7	113.7	132.1	132.1	132.3	132.2	132.2	132.2
1553	Beer And Malt	22	100.0	100.0	99.9	100.0	100.0	100.0	98.5	98.5	99.1	100.7	101.5	101.5	107.5	108.0	107.9
1554	Soft drinks and Mineral Water	36	98.8	103.6	112.7	112.9	112.9	112.6	112.6	112.6	112.6	112.9	112.9	112.9	112.9	112.9	114.5
1600	Tobacco	4	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	101.0	101.0	101.0	101.0	101.0	101.0
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	664	100.2	100.5	100.8	103.0	103.2	103.4	104.8	105.2	105.0	107.1	107.0	107.5	109.4	110.1	110.5
17	Spinning ,Weaving and Finishing of Textiles	38	97.7	99.6	100.8	100.7	99.6	99.0	97.6	94.6	94.4	94.7	94.6	94.6	94.1	94.4	95.3
18	Wearing Apparel Except Fur Apparel	23	96.8	96.8	96.8	97.0	97.0	97.0	110.8	119.4	108.4	110.0	110.0	110.0	110.2	110.2	110.2
19	Leather and Footwear	48	101.9	102.2	104.6	104.4	105.8	107.5	109.3	108.9	110.1	115.9	115.8	117.9	117.5	118.4	119.6
21-22	Paper , Paper Products and Printing	64	101.8	101.5	101.9	103.3	103.3	103.2	104.1	104.1	104.4	105.7	105.6	106.7	103.3	104.1	103.9
24	Chemical and Chemical Products	64	100.7	101.0	101.0	100.9	101.1	101.3	102.0	102.1	102.2	104.2	104.5	105.0	105.4	108.4	108.6
25	Rubber and Plastic Products	74	103.4	103.3	104.5	106.5	106.5	106.6	107.5	107.6	107.7	109.9	109.9	111.0	117.1	119.0	119.0
26	Other Non-Metallic Mineral products	150	93.7	94.5	93.9	96.2	96.3	96.3	97.9	97.9	98.8	98.8	98.8	98.9	99.8	99.8	99.7
27	Basic Iron and Steel	26	97.1	97.3	97.4	98.3	99.5	101.3	101.5	102.0	101.2	100.9	98.8	98.8	99.5	99.6	99.8
28	Fabricated Metal Products Except Machinery and Equipment	76	104.9	105.1	104.5	110.4	110.7	111.1	110.1	111.4	110.6	114.9	114.9	114.9	111.4	111.6	112.7
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	11	122.5	122.8	123.0	123.6	123.7	126.2	127.3	129.3	129.4	130.4	130.3	130.3	146.4	146.4	146.4
36	Wood and Furniture	90	102.4	102.3	102.3	106.8	107.2	107.0	109.5	110.1	109.6	113.6	113.9	114.0	124.9	125.2	125.7

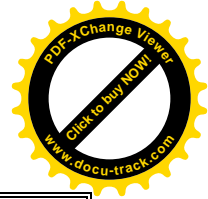
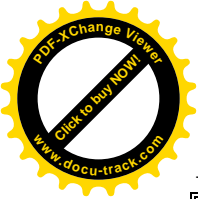


Table 2: Percentage Change In the PPI-M Over Previous Month ,November 2011 to March 2013

Base :Forth Quarter 2011=100

ISIC code	Description	Weight	2011		2012												2013		
			Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
15-36	Total Manufacturing -PPI	1000	-0.9	0.1	0.8	-0.1	0.7	1.0	0.1	0.2	0.6	0.1	-0.1	2.1	-0.1	0.3	1.9	0.7	0.2
15 & 16	Food , Beverage and Tobacco	336	-3.0	-0.8	2.7	-0.9	1.8	-1.2	0.0	0.0	-1.0	-0.5	0.0	2.3	-0.1	0.0	2.0	0.6	-0.1
1511	Production,processing and preserving of meat and meat product	9	*	*	1.3	7.2	0.0	-4.3	1.1	0.8	4.2	0.0	0.0	0.5	0.0	0.0	28.1	0.0	0.0
1514	Vegetable and Animal Oils	15	-3.8	-0.3	-1.0	0.0	-0.6	-0.5	-0.2	-0.2	-7.2	0.0	-0.1	2.6	0.1	2.7	0.0	0.0	0.0
1520	Dairy Products	7	0.0	0.0	0.0	0.0	3.0	0.0	7.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1531	Grain Mill Products	106	-2.4	-2.7	-0.8	1.5	0.0	-1.3	-0.8	-1.4	-0.5	-1.1	0.1	0.5	-0.5	-0.1	5.1	0.2	0.5
1541	Bakery Products	62	2.0	0.3	1.1	1.4	2.2	-0.5	0.6	-0.4	1.5	-0.6	-0.3	1.0	-0.1	-0.1	1.0	0.5	-0.1
1542	Sugar	39	2.2	0.0	-2.2	0.1	2.8	-6.4	0.3	-0.3	-8.7	0.0	0.3	-0.2	0.0	0.0	0.5	4.4	-3.4
1544	Macaroni and Pasta	13	-0.4	1.7	-2.8	1.3	0.3	0.2	-0.4	-0.9	0.7	-0.1	-0.2	-1.0	-0.2	-1.1	1.2	0.0	0.0
1549	Other Food Products	11	0.1	-0.3	14.4	0.0	0.0	3.5	0.0	15.8	2.1	0.0	0.0	24.4	0.0	0.0	-2.6	0.0	0.0
1551	Liquors	12	0.0	0.0	0.1	13.6	0.0	-1.9	0.0	0.0	1.9	0.0	0.0	16.2	0.0	0.1	0.0	0.0	0.0
1553	Beer And Malt	22	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-1.5	0.0	0.5	1.7	0.8	0.0	5.9	0.5	-0.1
1554	Soft drinks and Mineral Water	36	0.0	0.0	-1.2	4.9	8.8	0.2	0.0	-0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.5
1600	Tobacco	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
17-36	Other than Food, Beverage and Tobacco	664	0.2	0.6	-0.2	0.3	0.2	2.2	0.2	0.2	1.4	0.4	-0.2	2.0	0.0	0.4	1.8	0.7	0.3
17	Spinning ,Weaving and Finishing of Textiles	38	-0.9	-0.1	-2.0	1.9	1.2	-0.1	-1.1	-0.6	-1.5	-3.0	-0.2	0.3	-0.1	0.0	-0.5	0.2	1.0
18	Wearing Apparel Except Fur Apparel	23	6.4	1.1	-5.8	0.0	0.0	0.2	0.0	0.0	14.3	7.8	-9.2	1.5	0.0	0.0	0.1	0.0	0.0
19	Leather and Footwear	48	1.1	0.3	1.4	0.2	2.4	-0.1	1.3	1.6	1.6	-0.4	1.1	5.3	-0.1	1.9	-0.3	0.8	1.0
21-22	Paper , Paper Products and Printing	64	1.5	-0.4	1.6	-0.3	0.3	1.4	-0.1	-0.1	0.9	0.0	0.3	1.3	-0.1	1.1	-3.3	0.8	-0.2
24	Chemical and Chemical Products	64	0.4	0.7	0.1	0.3	0.0	-0.1	0.2	0.2	0.7	0.1	0.1	2.0	0.3	0.5	0.4	2.9	0.2
25	Rubber and Plastic Products	74	1.9	0.2	2.6	0.0	1.2	1.9	0.0	0.0	0.9	0.1	0.1	2.0	-0.1	1.1	5.5	1.6	0.0
26	Other Non-Metallic Mineral products	150	-1.5	-0.2	-5.7	0.8	-0.6	2.4	0.1	0.0	1.7	0.0	1.0	0.0	0.0	0.1	0.9	0.0	0.0
27	Basic Iron and Steel	26	-1.6	0.5	-2.7	0.2	0.1	0.8	1.2	1.8	0.2	0.5	-0.8	-0.3	-2.1	0.0	0.8	0.1	0.2
28	Fabricated Metal Products Except Machinery and Equipment	76	-1.1	1.0	4.7	0.1	-0.6	5.7	0.2	0.4	-0.8	1.1	-0.7	3.9	0.0	0.0	-3.1	0.2	0.9
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	11	0.2	1.0	21.6	0.2	0.2	0.5	0.1	2.0	0.9	1.6	0.1	0.8	-0.1	0.0	12.4	0.0	0.0
36	Wood and Furniture	90	0.5	2.9	0.3	-0.1	0.1	4.4	0.4	-0.2	2.3	0.5	-0.5	3.6	0.3	0.1	9.6	0.2	0.4

\* Because of not included in the old series i.e before fourth quarter of 2011.

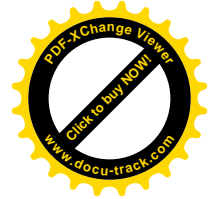
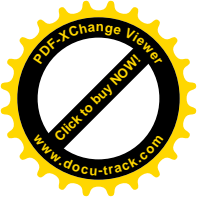


Table 3: Percentage Change In the PPI-M Relative to Same Month of Previous Year first quarter 2012 to first quarter 2013

Base: Fourth Quarter 2011 =100

ISIC code	Description	Weight	2012			2013			percentage change (%) from		
			Jan	Feb	Mar	Jan	Feb	Mar	Jan.-13/Jan.-12	Feb.-13/Feb.-12	Mar.-13/Mar.-12
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>99.9</b>	<b>99.8</b>	<b>100.6</b>	<b>106.9</b>	<b>107.6</b>	<b>107.8</b>	<b>6.9</b>	<b>7.7</b>	<b>7.1</b>
<b>15 &amp; 16</b>	<b>Food , Beverage and Tobacco</b>	<b>336</b>	<b>99.3</b>	<b>98.4</b>	<b>100.1</b>	<b>101.8</b>	<b>102.5</b>	<b>102.4</b>	<b>2.5</b>	<b>4.1</b>	<b>2.3</b>
1511	Production,processing and preserving of meat and meat product	9	101.3	108.5	108.5	141.9	141.9	141.9	40.1	30.8	30.8
1514	Vegetable and Animal Oils	15	97.5	97.5	96.9	93.9	93.9	93.9	-3.7	-3.7	-3.0
1520	Dairy Products	7	100.0	100.0	103.0	111.1	111.1	111.1	11.1	11.1	7.8
1531	Grain Mill Products	106	96.6	98.1	98.0	98.0	98.2	98.7	1.5	0.1	0.6
1541	Bakery Products	62	102.0	103.4	105.7	107.8	108.4	108.3	5.7	4.8	2.5
1542	Sugar	39	98.5	98.6	101.4	87.1	90.9	87.8	-11.6	-7.8	-13.4
1544	Macaroni and Pasta	13	98.1	99.4	99.7	97.9	97.9	97.9	-0.2	-1.5	-1.8
1549	Other Food Products	11	114.3	114.3	114.3	169.5	169.5	169.5	48.3	48.3	48.3
1551	Liquors	12	100.1	113.7	113.7	132.2	132.2	132.2	32.1	16.3	16.3
1553	Beer And Malt	22	100.0	100.0	99.9	107.5	108.0	107.9	7.5	8.0	8.0
1554	Soft drinks and Mineral Water	36	98.8	103.6	112.7	112.9	112.9	114.5	14.2	9.0	1.6
1600	Tobacco	4	100.3	100.3	100.3	101.0	101.0	101.0	0.8	0.8	0.8
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>664</b>	<b>100.2</b>	<b>100.5</b>	<b>100.8</b>	<b>109.4</b>	<b>110.1</b>	<b>110.5</b>	<b>9.1</b>	<b>9.5</b>	<b>9.6</b>
17	Spinning ,Weaving and Finishing of Textiles	38	97.7	99.6	100.8	94.1	94.4	95.3	-3.6	-5.2	-5.4
18	Wearing Apparel Except Fur Apparel	23	96.8	96.8	96.8	110.2	110.2	110.2	13.8	13.8	13.8
19	Leather and Footwear	48	101.9	102.2	104.6	117.5	118.4	119.6	15.3	15.9	14.4
21-22	Paper , Paper Products and Printing	64	101.8	101.5	101.9	103.3	104.1	103.9	1.4	2.5	2.0
24	Chemical and Chemical Products	64	100.7	101.0	101.0	105.4	108.4	108.6	4.7	7.4	7.6
25	Rubber and Plastic Products	74	103.4	103.3	104.5	117.1	119.0	119.0	13.3	15.2	13.9
26	Other Non-Metallic Mineral products	150	93.7	94.5	93.9	99.8	99.8	99.7	6.5	5.6	6.1
27	Basic Iron and Steel	26	97.1	97.3	97.4	99.5	99.6	99.8	2.5	2.4	2.4
28	Fabricated Metal Products Except Machinery and Equipment	76	104.9	105.1	104.5	111.4	111.6	112.7	6.1	6.2	7.8
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	11	122.5	122.8	123.0	146.4	146.4	146.4	19.5	19.2	19.0
36	Wood and Furniture	90	102.4	102.3	102.3	124.9	125.2	125.7	22.0	22.4	22.8

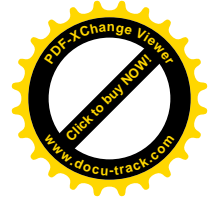
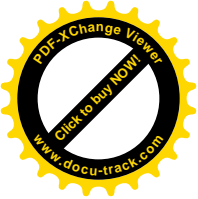


Table 4: Quarterly Producer Price Indices for Manufacturing ,fourth quarter of 2011 to first quarter of 2013

Base: Fourth Quarter 2011 =100

ISIC code	Description	Weight	2011	2012				2013	Percentage Change(%)from	
			4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	1st Qtr/13 to 4th Qtr/12	1st Qtr/13 to 1st Qtr/12
15-36	Total Manufacturing-PPI	1000	99.4	100.1	101.8	102.6	104.7	107.4	2.6	7.3
15 & 16	Food , Beverage and Tobacco	336	98.2	99.3	99.0	97.7	99.8	102.2	2.5	3.0
1511	Production,processing and preserving of meat and meat product	9	100.0	106.1	104.9	110.3	110.8	141.9	28.1	33.8
1514	Vegetable and Animal Oils	15	100.0	97.3	96.2	89.0	92.2	93.9	1.8	-3.5
1520	Dairy Products	7	100.0	101.0	108.0	111.1	111.1	111.1	0.0	9.9
1531	Grain Mill Products	106	100.0	97.6	95.8	93.6	93.4	98.3	5.2	0.7
1541	Bakery Products	62	100.0	103.7	105.4	106.4	106.8	108.2	1.3	4.3
1542	Sugar	39	100.0	99.5	95.0	86.7	86.6	88.6	2.3	-10.9
1544	Macaroni and Pasta	13	100.0	99.1	99.3	99.1	97.5	97.9	0.4	-1.2
1549	Other Food Products	11	100.0	114.3	124.5	139.9	174.0	169.5	-2.6	48.3
1551	Liquors	12	100.0	109.2	111.5	113.7	132.2	132.2	0.0	21.1
1553	Beer And Malt	22	100.0	100.0	100.0	98.7	101.3	107.8	6.4	7.8
1554	Soft drinks and Mineral Water	36	100.0	105.0	112.8	112.6	112.9	113.4	0.5	8.0
1600	Tobacco	4	100.0	100.3	100.3	100.3	101.0	101.0	0.0	0.8
17-36	Other than Food, Beverage and Tobacco	664	100.0	100.5	103.2	105.0	107.2	110.0	2.6	9.4
17	Spinning ,Weaving and Finishing of Textiles	38	100.0	99.3	99.8	95.5	94.6	94.6	0.0	-4.8
18	Wearing Apparel Except Fur Apparel	23	100.0	96.8	97.0	112.9	110.0	110.2	0.1	13.8
19	Leather and Footwear	48	100.0	102.9	105.9	109.4	116.5	118.5	1.7	15.2
21-22	Paper , Paper Products and Printing	64	100.0	101.7	103.3	104.2	106.0	103.8	-2.1	2.0
24	Chemical and Chemical Products	64	100.0	100.9	101.1	102.1	104.6	107.5	2.8	6.6
25	Rubber and Plastic Products	74	100.0	103.7	106.5	107.6	110.3	118.4	7.4	14.1
26	Other Non-Metallic Mineral products	150	100.0	94.0	96.2	98.2	98.8	99.7	0.9	6.1
27	Basic Iron and Steel	26	100.0	97.3	99.7	101.6	99.5	99.7	0.2	2.5
28	Fabricated Metal Products Except Machinery and Equipment	76	100.0	104.8	110.7	110.7	114.9	111.9	-2.6	6.7
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	11	100.0	122.8	124.5	128.7	130.3	146.4	12.4	19.2
36	Wood and Furniture	90	100.0	102.3	107.0	109.7	113.8	125.2	10.1	22.4