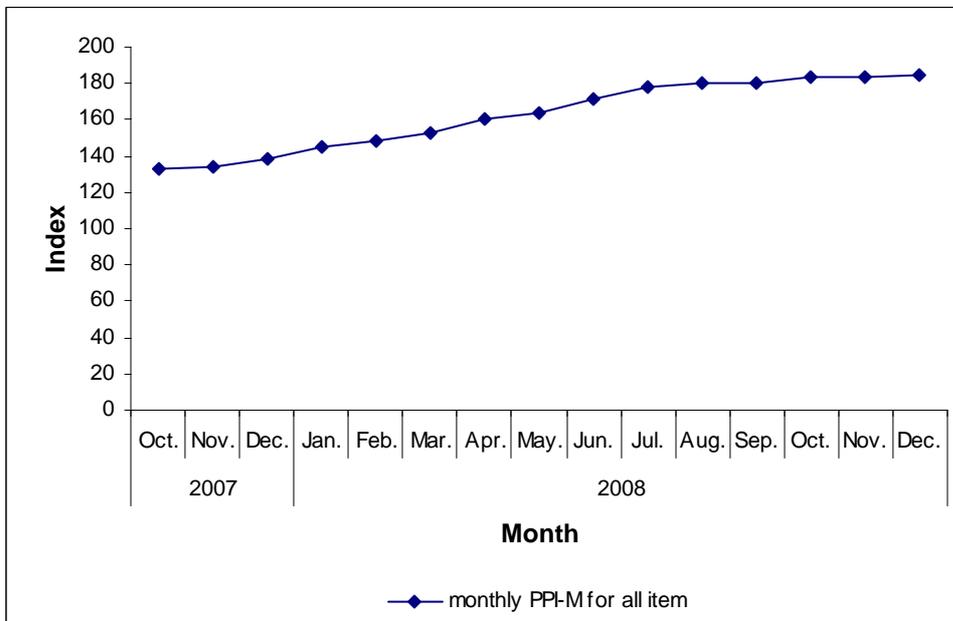


# CENTRAL STATISTICAL AGENCY

## PRODUCER PRICE INDEX FOR MANUFACTURING (PPI-M)

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



February 2009  
Addis Ababa

**CENTRAL STATISTICAL AGENCY**  
**PRODUCER PRICE INDICES FOR MANUFACTURING (PPI-M)**

*October 2008 to December 2008*

**PPI – Total Manufacturing**

In the Fourth quarter of 2008, Producer Price Index for Total Manufacturing has increased by 1.5 and 0.8 percent in October and December, respectively while there was no change in November, compared to the previous month, i.e. October 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 37.6 percent, 36.4 and 33.3 percent in October, November and December, respectively. As depicted in Table 3, this increase in producer prices of manufactured products was caused mainly by the rise in producer prices of food products. As compared to previous year’s same quarter, Producer Price Index increased by 35.7 percent in the fourth quarter of 2008 (Table 4).

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

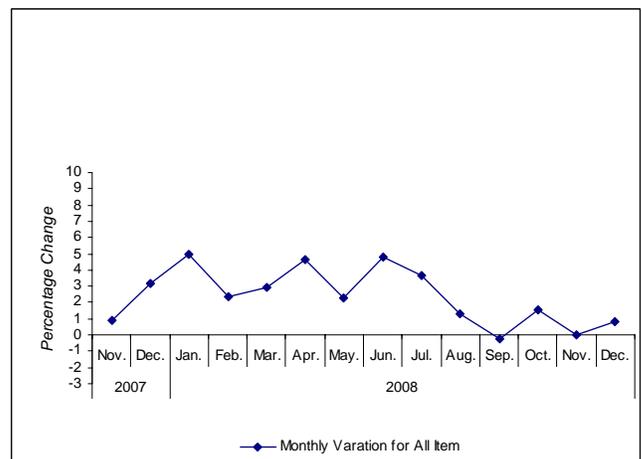
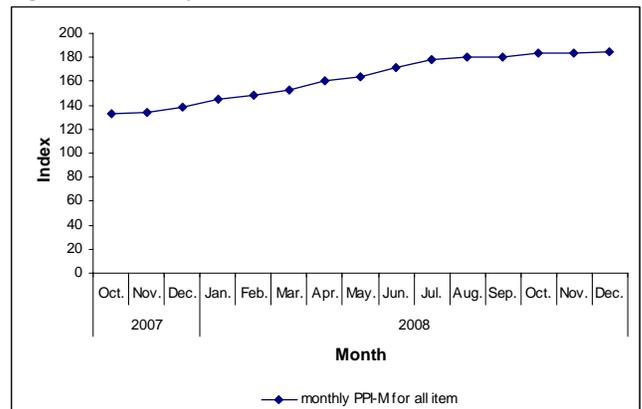


Figure 2: Monthly Producer Price Indices for all items



### **PPI – Food, Beverage and Tobacco**

The producer price indices of food, beverage and tobacco stood at 204.2, 205.1 and 210.6 in October, November and December as depicted in Table 1. Compared to the previous month the index increased at a rate of 1.5 percent in October, 0.5 percent in November and 2.7 percent in December, respectively (Table 2). As shown in Table 3, compared to the same quarter in 2007, producer price indices exhibited a hike of around 46.9 percent in October, 45.2 percent in November and 41.1 percent in December, respectively. This was mainly attributed to the rise in grain mill products and beer and malt products. The percentage change in producer price indices revealed that there was a 44.3 percent rise in prices of food, beverage and tobacco products in this quarter compared to the previous year's same quarter as shown in Table 4.

### **PPI – Other than Food, Beverage and Tobacco**

The monthly producer price indices for manufacturing products other than food, beverage and tobacco products stood at 168.8, 168.2 and 167.1 in October, November and December, respectively as shown in Table 1. Table 2 shows that, producer price indices increased by 1.5 percent in October, decreased by 0.3 percent in November, and 0.6 percent in December. On the other hand, compared to previous year's same period, producer price indices exhibited a 30.9 percent, 30.0 percent and 27.4 percent rise in October, November and December, respectively (Refer to Table 3). This rise was mainly due to the increase in prices of fabricated metal products and basic iron and steel. The percentage change in producer price indices between the corresponding quarters also indicated that there was a 29.4 percent increase in prices of products other than food, beverage and tobacco products as shown in Table 4.

Table 1: Monthly Producer Price indices for Manufacturing, October 2007 to December 2008

Base: First quarter 2005=100

SIC code	Description	Weight	2007			2008											
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>133.0</b>	<b>134.2</b>	<b>138.4</b>	<b>145.4</b>	<b>148.8</b>	<b>153.1</b>	<b>160.3</b>	<b>163.9</b>	<b>171.8</b>	<b>178.2</b>	<b>180.5</b>	<b>180.2</b>	<b>183.0</b>	<b>183.0</b>	<b>184.6</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>139.0</b>	<b>141.3</b>	<b>149.2</b>	<b>154.8</b>	<b>160.9</b>	<b>160.2</b>	<b>170.5</b>	<b>176.6</b>	<b>191.7</b>	<b>198.8</b>	<b>203.4</b>	<b>201.1</b>	<b>204.2</b>	<b>205.1</b>	<b>210.6</b>
1514	Vegetable and Animal Oils and Fats	10	176.2	179.8	179.1	187.5	189.6	199.4	201.2	200.5	206.0	205.0	198.7	198.7	176.3	167.5	164.6
1520	Dairy Products	6	170.0	170.0	180.8	180.8	180.8	180.8	189.1	193.2	199.4	207.8	209.2	221.7	213.2	213.2	213.2
1531	Grain Mill Products	49	148.6	154.5	157.5	171.4	190.6	209.1	245.9	276.4	304.1	323.3	300.6	267.8	276.3	275.9	272.8
1541	Bakery Products	21	130.5	131.8	136.4	157.3	157.3	173.5	182.2	184.7	184.7	182.8	171.7	181.2	180.2	180.2	180.2
1542	Sugar	116	151.5	149.3	156.8	170.6	183.3	166.0	170.5	176.7	182.6	176.4	196.7	198.3	206.8	207.2	226.0
1544	Macaroni and Pasta	17	122.8	124.2	128.3	138.7	145.9	158.9	160.9	172.1	181.5	185.2	185.2	185.2	184.9	186.7	192.9
1549	Other Food Products	17	130.3	130.3	130.7	131.2	124.5	124.9	128.8	129.1	130.6	130.6	130.6	131.4	133.4	138.0	138.0
1551	Liquors	8	108.3	108.3	108.3	108.3	108.8	109.8	137.6	137.6	151.2	140.5	140.5	143.7	148.7	189.9	192.6
1553	Beer And Malt	74	136.7	143.4	169.7	158.0	158.0	160.0	176.8	176.8	215.9	247.7	254.8	257.2	253.0	253.0	253.0
1554	Soft drinks and Mineral Water	50	124.2	130.4	130.4	132.7	132.7	132.7	132.7	132.7	139.8	146.0	146.0	146.0	146.0	146.0	147.4
1600	Tobacco	34	117.4	117.4	117.4	117.4	117.4	117.4	117.4	117.4	128.1	128.1	138.8	138.8	149.3	149.3	149.3
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>128.9</b>	<b>129.4</b>	<b>131.2</b>	<b>139.1</b>	<b>140.7</b>	<b>148.4</b>	<b>153.5</b>	<b>155.4</b>	<b>158.4</b>	<b>164.5</b>	<b>165.2</b>	<b>166.2</b>	<b>168.8</b>	<b>168.2</b>	<b>167.1</b>
17	Spinning ,Weaving and Finishing of Textiles	87	112.7	114.5	117.1	122.7	129.9	134.3	135.9	137.5	138.2	142.5	143.1	144.3	150.5	147.7	146.8
18	Wearing Apparel Except Fur Apparel	9	100.1	101.0	101.0	112.4	115.9	117.9	123.1	124.1	124.1	119.8	121.6	121.6	127.7	126.8	126.8
19	Leather and Footwear	79	119.0	117.5	118.4	121.2	122.0	123.4	131.6	130.0	130.4	123.9	122.1	124.4	129.8	128.6	128.1
21-22	Paper , Paper Products and Printing	56	116.8	115.3	120.1	123.1	123.9	124.1	129.5	131.9	133.9	134.6	133.9	136.2	145.7	145.1	147.1
24	Chemical and Chemical Products	67	114.2	115.2	116.9	121.2	122.1	124.5	127.4	127.8	132.2	138.8	139.6	140.7	149.6	150.3	149.2
25	Rubber and Plastic Products	50	126.7	126.7	128.5	132.7	132.7	137.1	139.6	144.6	153.9	163.0	163.1	163.5	167.7	167.7	168.6
26	Other Non-Metallic Mineral products	107	166.6	166.6	166.8	191.2	186.0	214.8	214.5	214.5	215.3	215.2	215.3	215.5	213.3	213.3	213.3
27	Basic Iron and Steel	69	141.5	143.3	147.6	151.5	158.3	164.4	181.8	188.9	191.5	220.7	227.8	227.9	218.3	218.9	209.9
28	Fabricated Metal Products Except Machinery and Equipment	30	131.9	136.6	136.6	144.3	152.6	152.6	161.0	168.5	186.9	214.1	213.3	216.6	219.5	215.7	215.7
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	109.2	109.2	109.2	112.3	112.3	120.6	123.5	123.5	122.8	122.8	122.8	122.8	119.8	119.8	119.8
20 & 36	Wood and Furniture	21	117.4	117.4	117.4	120.3	120.3	121.1	124.3	124.5	128.5	132.0	132.0	132.6	134.8	137.1	137.1

Table 2: Percentage Change In the PPI-M Over Previous Month ,Nov 2007 to Dec 2008

SIC code	Description	Weight	2007			2008											
			Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>0.9</b>	<b>3.2</b>	<b>5.0</b>	<b>2.4</b>	<b>2.9</b>	<b>4.7</b>	<b>2.3</b>	<b>4.8</b>	<b>3.7</b>	<b>1.3</b>	<b>-0.2</b>	<b>1.5</b>	<b>0.0</b>	<b>0.8</b>	
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>1.6</b>	<b>5.6</b>	<b>3.7</b>	<b>3.9</b>	<b>-0.5</b>	<b>6.4</b>	<b>3.6</b>	<b>8.5</b>	<b>3.7</b>	<b>2.3</b>	<b>-1.1</b>	<b>1.5</b>	<b>0.5</b>	<b>2.7</b>	
1514	Vegetable and Animal Oils	10	2.1	-0.4	4.7	1.1	5.2	0.9	-0.4	2.7	-0.5	-3.1	0.0	-11.3	-5.0	-1.7	
1520	Dairy Products	6	0.0	6.3	0.0	0.0	0.0	4.6	2.2	3.2	4.2	0.7	6.0	-3.8	0.0	0.0	
1531	Grain Mill Products	49	3.9	1.9	8.9	11.1	9.7	17.6	12.4	10.0	6.3	-7.0	-10.9	3.2	-0.1	-1.1	
1541	Bakery Products	21	1.0	3.5	15.4	0.0	10.3	5.0	1.4	0.0	-1.0	-6.1	5.5	-0.5	0.0	0.0	
1542	Sugar	116	-1.4	5.0	8.8	7.4	-9.4	2.7	3.6	3.4	-3.4	11.5	0.8	4.3	0.2	9.0	
1544	Macaroni and Pasta	17	1.2	3.3	8.1	5.2	8.9	1.2	7.0	5.5	2.0	0.0	0.0	-0.1	1.0	3.3	
1549	Other Food Products	17	0.0	0.3	0.4	-5.2	0.4	3.1	0.2	1.2	0.0	0.0	0.6	1.5	3.5	0.0	
1551	Liquors	8	0.0	0.0	0.0	0.4	0.9	25.3	0.0	9.9	-7.1	0.0	2.3	3.5	27.7	1.4	
1553	Beer And Malt	74	4.9	18.4	-6.9	0.0	1.3	10.4	0.0	22.2	14.7	2.9	1.0	-1.6	0.0	0.0	
1554	Soft drinks and Mineral Water	50	4.9	0.0	1.8	0.0	0.0	0.0	0.0	5.4	4.4	0.0	0.0	0.0	0.0	1.0	
1600	Tobacco	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	8.3	0.0	7.6	0.0	0.0	
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>0.4</b>	<b>1.4</b>	<b>6.0</b>	<b>1.2</b>	<b>5.5</b>	<b>3.4</b>	<b>1.3</b>	<b>2.0</b>	<b>3.8</b>	<b>0.4</b>	<b>0.6</b>	<b>1.5</b>	<b>-0.3</b>	<b>-0.6</b>	
17	Spinning ,Weaving and Finishing of Textiles	87	1.5	2.3	4.7	5.9	3.4	1.2	1.2	0.5	3.1	0.5	0.9	4.2	-1.9	-0.6	
18	Wearing Apparel Except Fur Apparel	9	0.9	0.0	11.3	3.1	1.8	4.4	0.8	0.0	-3.5	1.5	0.0	5.0	-0.6	0.0	
19	Leather and Footwear	79	-1.3	0.7	2.4	0.7	1.1	6.7	-1.2	0.3	-5.0	-1.4	1.8	4.4	-0.9	-0.4	
21-22	Paper , Paper Products and Printing	56	-1.3	4.2	2.5	0.7	0.1	4.3	1.9	1.5	0.5	-0.5	1.7	7.0	-0.4	1.3	
24	Chemical and Chemical Products	67	0.9	1.4	3.6	0.7	2.0	2.3	0.3	3.4	5.0	0.6	0.8	6.3	0.5	-0.7	
25	Rubber and Plastic Products	50	0.0	1.4	3.3	0.0	3.3	1.8	3.5	6.5	5.9	0.0	0.2	2.6	0.0	0.5	
26	Other Non-Metallic Mineral products	107	0.0	0.1	14.6	-2.7	15.5	-0.1	0.0	0.4	-0.1	0.1	0.1	-1.0	0.0	0.0	
27	Basic Iron and Steel	69	1.3	3.0	2.6	4.5	3.9	10.5	3.9	1.4	15.2	3.2	0.0	-4.2	0.3	-4.1	
28	Fabricated Metal Products Except Machinery and Equipment	30	3.5	0.0	5.7	5.8	0.0	5.5	4.6	10.9	14.5	-0.4	1.5	1.3	-1.7	0.0	
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	0.0	0.0	2.8	0.0	7.4	2.4	0.0	-0.5	0.0	0.0	0.0	-2.4	0.0	0.0	
20 & 36	Wood and Furniture	21	0.0	0.0	2.5	0.0	0.7	2.6	0.2	3.2	2.7	0.0	0.5	1.7	1.7	0.0	

Table 3: Percentage Change in the PPI-M Relative to Same Month of Previous Year Fourth quarter 2007 to Fourth quarter 2008

Base: First Quarter 2005 =100

SIC code	Description	Weight	2007			2008			percentage change (%) from		
			Oct	Nov	Dec	Oct	Nov	Dec	Oct.-08/ Oct.-07	Nov.-08/ Nov.-07	Dec.-08/ Dec.-07
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>133.0</b>	<b>134.2</b>	<b>138.4</b>	<b>183.0</b>	<b>183.0</b>	<b>184.6</b>	<b>37.6</b>	<b>36.4</b>	<b>33.3</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>139.0</b>	<b>141.3</b>	<b>149.2</b>	<b>204.2</b>	<b>205.1</b>	<b>210.6</b>	<b>46.9</b>	<b>45.2</b>	<b>41.1</b>
1514	Vegetable and Animal Oils	10	176.2	179.8	179.1	176.3	167.5	164.6	0.1	-6.9	-8.1
1520	Dairy Products	6	170.0	170.0	180.8	213.2	213.2	213.2	25.4	25.4	17.9
1531	Grain Mill Products	49	148.6	154.5	157.5	276.3	275.9	272.8	85.9	78.6	73.3
1541	Bakery Products	21	130.5	131.8	136.4	180.2	180.2	180.2	38.1	36.7	32.1
1542	Sugar	116	151.5	149.3	156.8	206.8	207.2	226.0	36.5	38.8	44.1
1544	Macaroni and Pasta	17	122.8	124.2	128.3	184.9	186.7	192.9	50.6	50.3	50.4
1549	Other Food Products	17	130.3	130.3	130.7	133.4	138.0	138.0	2.4	5.9	5.6
1551	Liquors	8	108.3	108.3	108.3	148.7	189.9	192.6	37.2	75.3	77.8
1553	Beer And Malt	74	136.7	143.4	169.7	253.0	253.0	253.0	85.1	76.4	49.1
1554	Soft drinks and Mineral Water	50	124.2	130.4	130.4	146.0	146.0	147.4	17.5	12.0	13.1
1600	Tobacco	34	117.4	117.4	117.4	149.3	149.3	149.3	27.2	27.2	27.2
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>128.9</b>	<b>129.4</b>	<b>131.2</b>	<b>168.8</b>	<b>168.2</b>	<b>167.1</b>	<b>30.9</b>	<b>30.0</b>	<b>27.4</b>
17	Spinning ,Weaving and Finishing of Textiles	87	112.7	114.5	117.1	150.5	147.7	146.8	33.5	29.0	25.3
18	Wearing Apparel Except Fur Apparel	9	100.1	101.0	101.0	127.7	126.8	126.8	27.5	25.6	25.6
19	Leather and Footwear	79	119.0	117.5	118.4	129.8	128.6	128.1	9.1	9.5	8.3
21-22	Paper , Paper Products and Printing	56	116.8	115.3	120.1	145.7	145.1	147.1	24.8	25.9	22.5
24	Chemical and Chemical Products	67	114.2	115.2	116.9	149.6	150.3	149.2	31.0	30.4	27.7
25	Rubber and Plastic Products	50	126.7	126.7	128.5	167.7	167.7	168.6	32.4	32.4	31.2
26	Other Non-Metallic Mineral products	107	166.6	166.6	166.8	213.3	213.3	213.3	28.0	28.0	27.9
27	Basic Iron and Steel	69	141.5	143.3	147.6	218.3	218.9	209.9	54.3	52.7	42.2
28	Fabricated Metal Products Except Machinery and Equipment	30	131.9	136.6	136.6	219.5	215.7	215.7	66.4	57.9	57.9
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	109.2	109.2	109.2	119.8	119.8	119.8	9.8	9.8	9.8
20 & 36	Wood and Furniture	21	117.4	117.4	117.4	134.8	137.1	137.1	14.9	16.8	16.8

Table 4: Quarterly Producer Price Indices for Manufacturing ,Oct 2007 to Dec 2008

Base: First Quarter 2005 =100

SIC code	Description	Weight	2007		2008				percentage change (%) from	
			4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	4thQtr/08 to 3rdQtr/08	4th Qtr/08 to4th Qtr/07	
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>135.2</b>	<b>149.1</b>	<b>165.3</b>	<b>179.6</b>	<b>183.5</b>	<b>2.2</b>	<b>35.7</b>	
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>143.2</b>	<b>158.6</b>	<b>179.6</b>	<b>201.1</b>	<b>206.6</b>	<b>2.8</b>	<b>44.3</b>	
1514	Vegetable and Animal Oils	10	178.4	192.2	202.6	200.8	169.5	-15.6	-5.0	
1520	Dairy Products	6	173.6	180.8	193.9	212.9	213.2	0.1	22.8	
1531	Grain Mill Products	49	153.5	190.4	275.5	297.2	275.0	-7.5	79.1	
1541	Bakery Products	21	132.9	162.7	183.9	178.6	180.2	0.9	35.6	
1542	Sugar	116	152.5	173.3	176.6	190.5	213.3	12.0	39.9	
1544	Macaroni and Pasta	17	125.1	147.9	171.5	185.2	188.2	1.6	50.4	
1549	Other Food Products	17	130.4	126.9	129.5	130.9	136.5	4.3	4.7	
1551	Liquors	8	108.3	109.0	142.2	141.5	177.1	25.1	63.4	
1553	Beer And Malt	74	150.0	158.7	189.8	253.2	253.0	-0.1	68.7	
1554	Soft drinks and Mineral Water	50	128.3	132.7	135.1	146.0	146.4	0.3	14.1	
1600	Tobacco	34	117.4	117.4	121.0	135.3	149.3	10.4	27.2	
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>129.9</b>	<b>142.7</b>	<b>155.8</b>	<b>165.3</b>	<b>168.0</b>	<b>1.7</b>	<b>29.4</b>	
17	Spinning ,Weaving and Finishing of Textiles	87	114.8	128.9	137.2	143.3	148.3	3.5	29.2	
18	Wearing Apparel Except Fur Apparel	9	100.7	115.4	123.8	121.0	127.1	5.0	26.2	
19	Leather and Footwear	79	118.3	122.2	130.7	123.5	128.9	4.4	8.9	
21-22	Paper , Paper Products and Printing	56	117.4	123.7	131.8	134.9	146.0	8.2	24.4	
24	Chemical and Chemical Products	67	115.4	122.6	129.1	139.7	149.7	7.2	29.7	
25	Rubber and Plastic Products	50	127.3	134.2	146.0	163.2	168.0	2.9	32.0	
26	Other Non-Metallic Mineral products	107	166.7	197.3	214.8	215.3	213.3	-0.9	27.9	
27	Basic Iron and Steel	69	144.1	158.1	187.4	225.4	215.7	-4.3	49.7	
28	Fabricated Metal Products Except Machinery and Equipment	30	135.0	149.8	172.1	214.7	216.9	1.1	60.7	
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	109.2	115.0	123.3	122.8	119.8	-2.4	9.8	
20 & 36	Wood and Furniture	21	117.4	120.6	125.8	132.2	136.3	3.1	16.1	