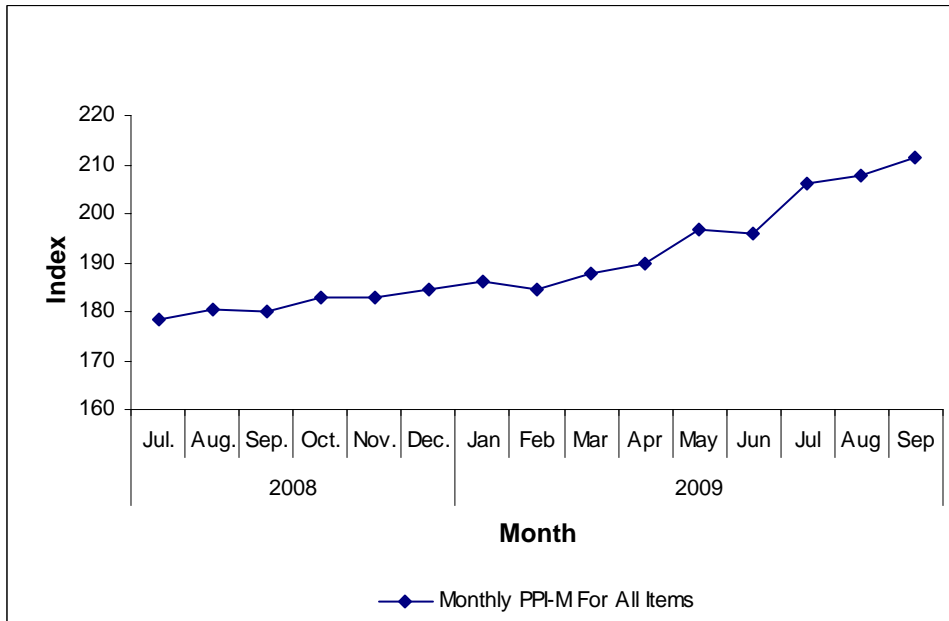


# CENTRAL STATISTICAL AGENCY

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

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



December 2009  
Addis Ababa

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

*July 2009 to September 2009*

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

**PPI – Total Manufacturing**

In the Third quarter of 2009, Producer Price Index for Total Manufacturing has increased by 5.2, 0.8 and 1.7 percent in July, August and September, 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 15.7, 15.2 and 17.2 percent in July, August and September, respectively. As depicted in Table 3, this increase in producer prices of manufactured products was caused mainly by the rise in producer prices of items other than food ,beverage and tobacco. As compared to previous year’s same quarter, Producer price index increased by 16.0 percent in the third quarter of 2009 (Table 4).

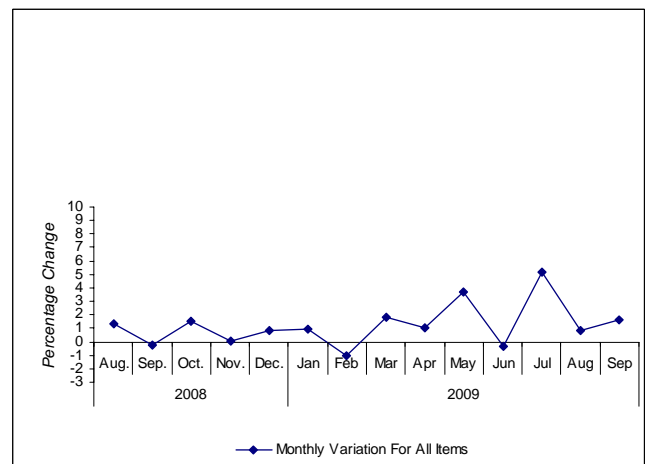
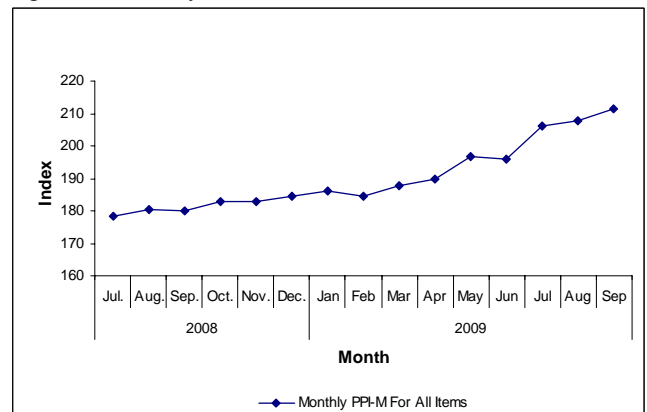


Figure 2: Monthly Producer Price Indices for all items



**PPI – Food, Beverage and Tobacco**

The producer price indices of food, beverage and tobacco stood at 236.1, 237.8 and 242.2 in July, August and September as depicted in Table 1. Compared to the previous month the index increased at a rate of 6.0 percent in July, 0.8 percent in August and a 1.8 percent decrease in September (Table 2). As shown in Table 3, compared to the same quarter in 2008, producer price indices exhibited a hike of around 18.8 percent in July, 16.9 percent in August and 20.4 percent in September, respectively. This was mainly attributed to the rise in tobacco products, sugar and beer and malt products. The percentage change in producer price indices revealed that there was a 18.7 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 186.2, 187.8 and 190.7 in July, August and September, respectively as shown in Table 1. Table 2 shows that, producer price indices have increased by 4.4 percent in July, 0.9 percent in August, and 1.5 percent in September. On the other hand, compared to previous year's same period, producer price indices exhibited a 13.2 percent, 13.7 percent and 14.7 percent rise in July, August and September , respectively (Refer to Table 3). This rise was mainly due to the increase in prices of basic iron and steel and chemical products. The percentage change in producer price indices between the corresponding quarters also indicated that there was a 13.9 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, July 2008 to September 2009

Base: First quarter 2005=100

SIC code	Description	Weight	2008						2009								
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</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>186.3</b>	<b>184.4</b>	<b>187.8</b>	<b>189.7</b>	<b>196.7</b>	<b>196.1</b>	<b>206.2</b>	<b>207.9</b>	<b>211.3</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</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>	<b>214.1</b>	<b>207.8</b>	<b>213.1</b>	<b>213.3</b>	<b>227.9</b>	<b>222.7</b>	<b>236.1</b>	<b>237.8</b>	<b>242.2</b>
1514	Vegetable and Animal Oils and Fats	10	205.0	198.7	198.7	176.3	167.5	164.6	171.8	171.8	167.0	156.8	156.8	159.5	153.9	162.2	167.1
1520	Dairy Products	6	207.8	209.2	221.7	213.2	213.2	213.2	213.2	210.9	210.9	210.9	210.9	210.9	218.2	218.2	236.3
1531	Grain Mill Products	49	323.3	300.6	267.8	276.3	275.9	272.8	268.7	272.3	286.8	278.2	270.2	269.6	268.8	268.8	269.5
1541	Bakery Products	21	182.8	171.7	181.2	180.2	180.2	180.2	190.1	190.1	190.1	187.6	187.6	187.7	188.2	188.2	187.4
1542	Sugar	116	176.4	196.7	198.3	206.8	207.2	226.0	230.7	210.8	222.9	226.0	269.0	250.4	296.3	300.1	313.3
1544	Macaroni and Pasta	17	185.2	185.2	185.2	184.9	186.7	192.9	191.5	193.2	193.2	190.6	190.6	190.6	194.0	194.0	195.3
1549	Other Food Products	17	130.6	130.6	131.4	133.4	138.0	138.0	134.6	135.6	136.2	140.7	144.6	148.2	148.2	148.2	148.2
1551	Liquors	8	140.5	140.5	143.7	148.7	189.9	192.6	193.1	193.1	193.1	190.3	187.5	187.5	187.7	187.7	187.7
1553	Beer And Malt	74	247.7	254.8	257.2	253.0	253.0	253.0	254.7	249.0	249.0	249.0	249.0	249.0	249.0	251.6	251.6
1554	Soft drinks and Mineral Water	50	146.0	146.0	146.0	146.0	146.0	147.4	147.4	147.4	147.9	153.9	178.1	178.1	178.2	178.2	178.2
1600	Tobacco	34	128.1	138.8	138.8	149.3	149.3	149.3	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</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>	<b>167.7</b>	<b>168.7</b>	<b>170.9</b>	<b>173.9</b>	<b>175.8</b>	<b>178.3</b>	<b>186.2</b>	<b>187.8</b>	<b>190.7</b>
17	Spinning ,Weaving and Finishing of Textiles	87	142.5	143.1	144.3	150.5	147.7	146.8	150.1	151.3	152.8	159.4	159.6	160.8	161.1	161.8	162.5
18	Wearing Apparel Except Fur Apparel	9	119.8	121.6	121.6	127.7	126.8	126.8	126.2	126.2	131.3	131.2	131.7	132.8	136.9	138.5	138.1
19	Leather and Footwear	79	123.9	122.1	124.4	129.8	128.6	128.1	122.2	122.4	123.2	125.2	132.8	133.7	137.4	137.6	138.5
21-22	Paper , Paper Products and Printing	56	134.6	133.9	136.2	145.7	145.1	147.1	141.8	144.7	144.6	145.2	148.9	148.4	159.5	160.5	160.8
24	Chemical and Chemical Products	67	138.8	139.6	140.7	149.6	150.3	149.2	151.6	152.9	151.7	154.9	156.2	159.5	162.2	162.7	163.3
25	Rubber and Plastic Products	50	163.0	163.1	163.5	167.7	167.7	168.6	168.9	168.9	168.9	176.5	176.5	176.5	193.9	205.4	205.4
26	Other Non-Metallic Mineral products	107	215.2	215.3	215.5	213.3	213.3	213.3	214.7	214.7	215.0	216.0	216.0	216.8	241.3	242.1	256.1
27	Basic Iron and Steel	69	220.7	227.8	227.9	218.3	218.9	209.9	215.3	219.4	235.4	239.6	241.0	252.0	249.7	249.7	250.0
28	Fabricated Metal Products Except Machinery and Equipment	30	214.1	213.3	216.6	219.5	215.7	215.7	214.2	214.2	214.2	218.6	220.4	227.8	231.2	231.2	231.2
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	122.8	122.8	122.8	119.8	119.8	119.8	120.3	120.3	120.3	116.5	116.5	116.5	121.9	123.2	123.2
20 & 36	Wood and Furniture	21	132.0	132.0	132.6	134.8	137.1	137.1	143.0	143.0	143.0	143.4	147.9	151.2	152.0	156.2	156.6

Table 2: Percentage Change in the PPI-M Over Previous Month ,August 2008 to September 2009

SIC code	Description	Weight	2008					2009								
			Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>1.3</b>	<b>-0.2</b>	<b>1.5</b>	<b>0.0</b>	<b>0.8</b>	<b>0.9</b>	<b>-1.0</b>	<b>1.8</b>	<b>1.0</b>	<b>3.7</b>	<b>-0.3</b>	<b>5.2</b>	<b>0.8</b>	<b>1.7</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>2.3</b>	<b>-1.1</b>	<b>1.5</b>	<b>0.5</b>	<b>2.7</b>	<b>1.7</b>	<b>-2.9</b>	<b>2.5</b>	<b>0.1</b>	<b>6.9</b>	<b>-2.3</b>	<b>6.0</b>	<b>0.8</b>	<b>1.8</b>
1514	Vegetable and Animal Oils	10	-3.1	0.0	-11.3	-5.0	-1.7	4.4	0.0	-2.8	-6.1	0.0	1.7	-3.5	5.4	3.0
1520	Dairy Products	6	0.7	6.0	-3.8	0.0	0.0	0.0	-1.1	0.0	0.0	0.0	0.0	3.5	0.0	8.3
1531	Grain Mill Products	49	-7.0	-10.9	3.2	-0.1	-1.1	-1.5	1.3	5.4	-3.0	-2.9	-0.2	-0.3	0.0	0.2
1541	Bakery Products	21	-6.1	5.5	-0.5	0.0	0.0	5.5	0.0	0.0	-1.4	0.0	0.0	0.3	0.0	-0.4
1542	Sugar	116	11.5	0.8	4.3	0.2	9.0	2.1	-8.6	5.8	1.4	19.0	-6.9	18.3	1.3	4.4
1544	Macaroni and Pasta	17	0.0	0.0	-0.1	1.0	3.3	-0.7	0.9	0.0	-1.3	0.0	0.0	1.8	0.0	0.6
1549	Other Food Products	17	0.0	0.6	1.5	3.5	0.0	-2.5	0.8	0.4	3.3	2.8	2.5	0.0	0.0	0.0
1551	Liquors	8	0.0	2.3	3.5	27.7	1.4	0.3	0.0	0.0	-1.5	-1.4	0.0	0.1	0.0	0.0
1553	Beer And Malt	74	2.9	1.0	-1.6	0.0	0.0	0.7	-2.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0
1554	Soft drinks and Mineral Water	50	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.3	4.0	15.7	0.0	0.1	0.0	0.0
1600	Tobacco	34	8.3	0.0	7.6	0.0	0.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>0.4</b>	<b>0.6</b>	<b>1.5</b>	<b>-0.3</b>	<b>-0.6</b>	<b>0.3</b>	<b>0.6</b>	<b>1.3</b>	<b>1.8</b>	<b>1.1</b>	<b>1.4</b>	<b>4.4</b>	<b>0.9</b>	<b>1.5</b>
17	Spinning ,Weaving and Finishing of Textiles	87	0.5	0.9	4.2	-1.9	-0.6	2.3	0.8	1.0	4.3	0.1	0.7	0.2	0.4	0.5
18	Wearing Apparel Except Fur Apparel	9	1.5	0.0	5.0	-0.6	0.0	-0.5	0.0	4.1	-0.1	0.4	0.8	3.1	1.2	-0.3
19	Leather and Footwear	79	-1.4	1.8	4.4	-0.9	-0.4	-4.6	0.2	0.7	1.6	6.0	0.7	2.8	0.1	0.6
21-22	Paper , Paper Products and Printing	56	-0.5	1.7	7.0	-0.4	1.3	-3.6	2.0	0.0	0.4	2.5	-0.3	7.5	0.6	0.2
24	Chemical and Chemical Products	67	0.6	0.8	6.3	0.5	-0.7	1.6	0.9	-0.8	2.2	0.9	2.1	1.7	0.3	0.4
25	Rubber and Plastic Products	50	0.0	0.2	2.6	0.0	0.5	0.2	0.0	0.0	4.5	0.0	0.0	9.8	5.9	0.0
26	Other Non-Metallic Mineral products	107	0.1	0.1	-1.0	0.0	0.0	0.7	0.0	0.1	0.5	0.0	0.3	11.3	0.3	5.8
27	Basic Iron and Steel	69	3.2	0.0	-4.2	0.3	-4.1	2.6	1.9	7.3	1.8	0.6	4.5	-0.9	0.0	0.1
28	Fabricated Metal Products Except Machinery and Equipment	30	-0.4	1.5	1.3	-1.7	0.0	-0.7	0.0	0.0	2.1	0.8	3.4	1.5	0.0	0.0
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	0.0	0.0	-2.4	0.0	0.0	0.4	0.0	0.0	-3.2	0.0	0.0	4.6	1.1	0.0
20 & 36	Wood and Furniture	21	0.0	0.5	1.7	1.7	0.0	4.3	0.0	0.0	0.2	3.2	2.2	0.5	2.8	0.3

Table 3: Percentage Change In the PPI-M Relative to Same Month of Previous Year Third quarter 2008 to Third quarter 2009

Base: First Quarter 2005 =100

SIC code	Description	Weight	2008			2009			percentage change (%) from		
			Jul	Aug	Sep	Jul	Aug	Sep	Jul.-09/Jul.-08	Aug-09/Aug-08	Sep.-09/Sep.-08
			<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>178.2</b>	<b>180.5</b>	<b>180.2</b>	<b>206.2</b>	<b>207.9</b>	<b>211.3</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>198.8</b>	<b>203.4</b>	<b>201.1</b>	<b>236.1</b>	<b>237.8</b>	<b>242.2</b>	<b>18.8</b>	<b>16.9</b>	<b>20.4</b>
1514	Vegetable and Animal Oils	10	205.0	198.7	198.7	153.9	162.2	167.1	-24.9	-18.4	-15.9
1520	Dairy Products	6	207.8	209.2	221.7	218.2	218.2	236.3	5.0	4.3	6.6
1531	Grain Mill Products	49	323.3	300.6	267.8	268.8	268.8	269.5	-16.8	-10.6	0.6
1541	Bakery Products	21	182.8	171.7	181.2	188.2	188.2	187.4	3.0	9.6	3.5
1542	Sugar	116	176.4	196.7	198.3	296.3	300.1	313.3	68.0	52.6	58.0
1544	Macaroni and Pasta	17	185.2	185.2	185.2	194.0	194.0	195.3	4.8	4.8	5.5
1549	Other Food Products	17	130.6	130.6	131.4	148.2	148.2	148.2	13.5	13.5	12.8
1551	Liquors	8	140.5	140.5	143.7	187.7	187.7	187.7	33.7	33.7	30.6
1553	Beer And Malt	74	247.7	254.8	257.2	249.0	251.6	251.6	0.5	-1.2	-2.2
1554	Soft drinks and Mineral Water	50	146.0	146.0	146.0	178.2	178.2	178.2	22.1	22.1	22.1
1600	Tobacco	34	128.1	138.8	138.8	171.1	171.1	171.1	33.5	23.3	23.3
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>164.5</b>	<b>165.2</b>	<b>166.2</b>	<b>186.2</b>	<b>187.8</b>	<b>190.7</b>	<b>13.2</b>	<b>13.7</b>	<b>14.7</b>
17	Spinning ,Weaving and Finishing of Textiles	87	142.5	143.1	144.3	161.1	161.8	162.5	13.1	13.0	12.6
18	Wearing Apparel Except Fur Apparel	9	119.8	121.6	121.6	136.9	138.5	138.1	14.3	13.9	13.6
19	Leather and Footwear	79	123.9	122.1	124.4	137.4	137.6	138.5	10.9	12.7	11.4
21-22	Paper , Paper Products and Printing	56	134.6	133.9	136.2	159.5	160.5	160.8	18.6	19.9	18.1
24	Chemical and Chemical Products	67	138.8	139.6	140.7	162.2	162.7	163.3	16.9	16.6	16.1
25	Rubber and Plastic Products	50	163.0	163.1	163.5	193.9	205.4	205.4	18.9	25.9	25.7
26	Other Non-Metallic Mineral products	107	215.2	215.3	215.5	241.3	242.1	256.1	12.2	12.4	18.8
27	Basic Iron and Steel	69	220.7	227.8	227.9	249.7	249.7	250.0	13.2	9.6	9.7
28	Fabricated Metal Products Except Machinery and Equipment	30	214.1	213.3	216.6	231.2	231.2	231.2	8.0	8.4	6.7
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	122.8	122.8	122.8	121.9	123.2	123.2	-0.8	0.3	0.3
20 & 36	Wood and Furniture	21	132.0	132.0	132.6	152.0	156.2	156.6	15.1	18.3	18.1

Table 4: Quarterly Producer Price Indices for Manufacturing ,July 2008 to September 2009

Base: First Quarter 2005 =100

SIC code	Description	Weight	2008		2009			Percentage Change(%)from	
			3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	3rd Qtr/09 to 2nd Qtr/09	3rdQtr/09 to 3rd Qtr/09
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>179.6</b>	<b>183.5</b>	<b>186.2</b>	<b>194.2</b>	<b>208.5</b>	<b>7.4</b>	<b>16.0</b>
15	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>201.1</b>	<b>206.6</b>	<b>211.7</b>	<b>221.3</b>	<b>238.7</b>	<b>7.9</b>	<b>18.7</b>
1514	Vegetable and Animal Oils	10	200.8	169.5	170.2	157.7	161.0	2.1	-19.8
1520	Dairy Products	6	212.9	213.2	211.7	210.9	224.2	6.3	5.3
1531	Grain Mill Products	49	297.2	275.0	275.9	272.7	269.0	-1.3	-9.5
1541	Bakery Products	21	178.6	180.2	190.1	187.6	188.0	0.2	5.3
1542	Sugar	116	190.5	213.3	221.5	248.5	303.3	22.0	59.2
1544	Macaroni and Pasta	17	185.2	188.2	192.6	190.6	194.4	2.0	5.0
1549	Other Food Products	17	130.9	136.5	135.4	144.5	148.2	2.6	13.2
1551	Liquors	8	141.5	177.1	193.1	188.4	187.7	-0.4	32.6
1553	Beer And Malt	74	253.2	253.0	250.9	249.0	250.8	0.7	-1.0
1554	Soft drinks and Mineral Water	50	146.0	146.4	147.6	170.0	178.2	4.8	22.1
1600	Tobacco	34	135.3	149.3	171.1	171.1	171.1	0.0	26.5
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>165.3</b>	<b>168.0</b>	<b>169.1</b>	<b>176.0</b>	<b>188.2</b>	<b>7.0</b>	<b>13.9</b>
17	Spinning ,Weaving and Finishing of Textiles	87	143.3	148.3	151.4	159.9	161.8	1.2	12.9
18	Wearing Apparel Except Fur Apparel	9	121.0	127.1	127.9	131.9	137.8	4.5	13.9
19	Leather and Footwear	79	123.5	128.9	122.6	130.6	137.8	5.5	11.6
21-22	Paper , Paper Products and Printing	56	134.9	146.0	143.7	147.5	160.3	8.7	18.8
24	Chemical and Chemical Products	67	139.7	149.7	152.1	156.9	162.8	3.7	16.5
25	Rubber and Plastic Products	50	163.2	168.0	168.9	176.5	201.5	14.2	23.5
26	Other Non-Metallic Mineral products	107	215.3	213.3	214.8	216.3	246.5	14.0	14.5
27	Basic Iron and Steel	69	225.4	215.7	223.4	244.2	249.8	2.3	10.8
28	Fabricated Metal Products Except Machinery and Equipment	30	214.7	216.9	214.2	222.3	231.2	4.0	7.7
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	122.8	119.8	120.3	116.5	122.7	5.4	-0.1
20 & 36	Wood and Furniture	21	132.2	136.3	143.0	147.5	154.9	5.0	17.2