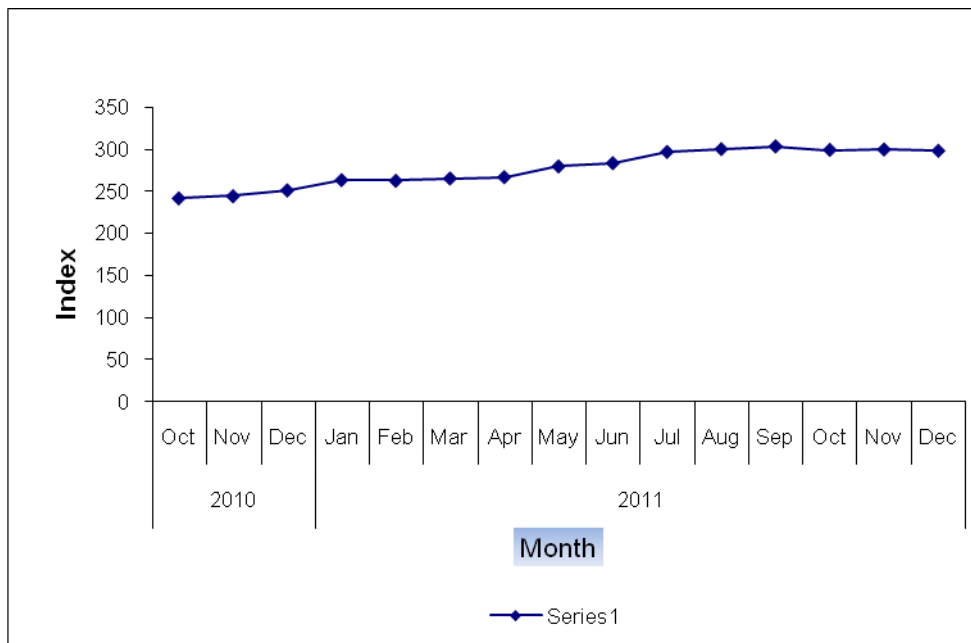


# CENTRAL STATISTICAL AGENCY

## 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 2012  
Addis Ababa

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

*October 2011 to December 2011*

**PPI – Total Manufacturing**

In the fourth quarter of 2011, Producer Price Index for Total Manufacturing exhibited a decrease of 1.3 percent in October, an increase of 0.1 in November and a decrease of 0.5 in December, 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 23.8, 22.6 and 18.7 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 items food, beverage and tobacco. As compared to previous year's same quarter, Producer Price Index increased by 21.7 percent in the fourth quarter of 2011 (Table 4).

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

Previous month)

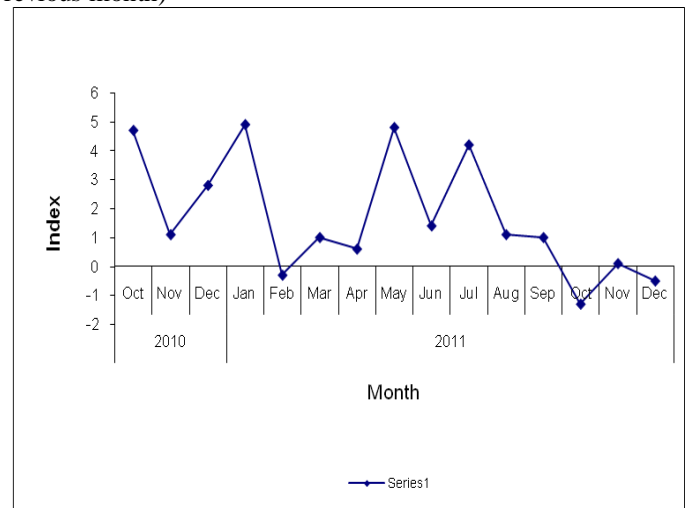
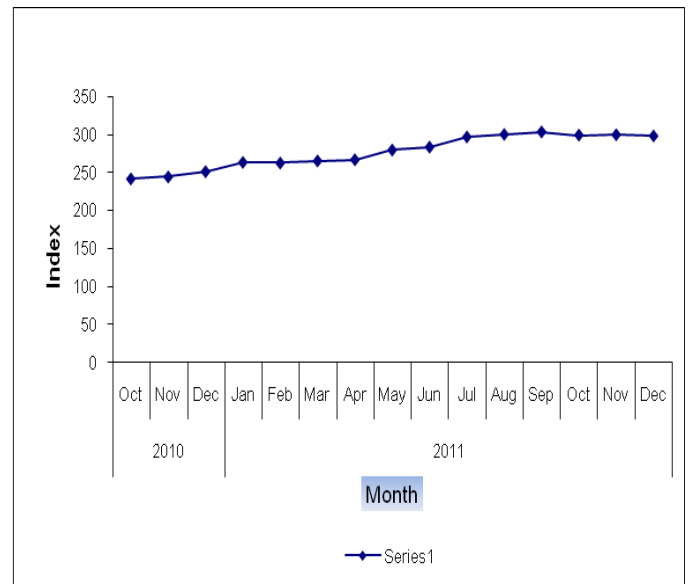


Figure 2: Monthly Producer Price Indices variations for all items



**PPI – Food, Beverage and Tobacco**

The producer price indices of food, beverage and tobacco stood at 321.6, 325.4 and 328.3 in October, November and December respectively as depicted in Table 1. Compared to the previous month the index exhibited an increase of 2.3 in October, 1.2 percent in November and 0.9 percent in December (Table 2). As shown in Table 3, compared to the same quarter in 2010, producer price indices exhibited a hike of around 24.2 percent in October, 24.5 percent in November and 20.4 percent in December. The percentage change in producer price indices revealed that there was a 23.0 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.

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

The monthly producer price indices for manufacturing products other than food, beverage and tobacco products stood at 284.4, 282.5 and 278.1 in October, November and December, respectively as shown in Table 1. Table 2 shows that, producer price indices have decreased by 3.9 percent in October, 0.7 percent in November, and 1.5 percent in December. On the other hand, compared to previous year's same period, producer price indices exhibited a 23.6 percent, 21.3 percent and 17.4 percent rise in October, November and December, respectively (Refer to Table 3). This rise was mainly due to the increase in prices of wearing apparel except fur apparel and spinning weaving and finishing of textile products. The percentage change in producer price indices between the corresponding quarters also indicated that there was a 20.7 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 2010 to December 2011

ISIC code	Description	Weight	2010			2011											
			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>241.7</b>	<b>244.3</b>	<b>251.2</b>	<b>263.4</b>	<b>262.6</b>	<b>265.3</b>	<b>266.9</b>	<b>279.6</b>	<b>283.5</b>	<b>296.8</b>	<b>300.2</b>	<b>303.4</b>	<b>299.3</b>	<b>299.7</b>	<b>298.2</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>259.1</b>	<b>261.4</b>	<b>272.6</b>	<b>283.1</b>	<b>279.8</b>	<b>282.0</b>	<b>294.2</b>	<b>291.9</b>	<b>293.4</b>	<b>305.1</b>	<b>309.3</b>	<b>314.5</b>	<b>321.6</b>	<b>325.4</b>	<b>328.3</b>
1514	Vegetable and Animal Oils and Fats	10	236.1	258.9	259.8	271.8	270.8	277.7	359.8	362.8	380.5	409.9	409.9	408.6	448.6	441.9	441.3
1520	Dairy Products	6	238.9	253.2	253.2	261.5	261.4	268.8	304.0	304.0	304.0	314.2	320.2	362.4	354.1	354.1	354.1
1531	Grain Mill Products	49	283.2	283.4	304.0	317.3	312.4	306.8	355.1	328.7	324.1	358.7	360.8	360.8	360.9	372.1	378.8
1541	Bakery Products	21	249.1	249.1	248.2	249.7	249.7	249.7	277.0	278.0	271.6	284.7	284.5	284.3	306.5	306.5	306.5
1542	Sugar	116	316.0	313.2	319.4	323.7	313.4	320.4	318.8	318.7	309.6	326.0	327.7	342.9	342.9	350.6	353.9
1544	Macaroni and Pasta	17	195.1	195.1	211.8	208.6	207.3	208.7	251.2	260.9	261.0	260.2	262.2	267.5	281.4	289.2	298.2
1549	Other Food Products	17	161.2	161.2	161.2	162.3	162.3	162.3	168.5	179.0	179.0	197.3	203.2	203.2	232.4	232.4	251.0
1551	Liquors	8	204.7	208.7	211.5	211.5	211.5	211.5	216.6	216.6	216.6	221.7	248.2	248.2	248.2	248.2	248.2
1553	Beer And Malt	74	237.4	237.4	255.6	307.7	307.7	307.7	311.2	311.2	313.5	311.5	321.0	321.0	339.6	339.6	339.6
1554	Soft drinks and Mineral Water	50	232.5	250.9	273.8	273.8	274.1	278.2	278.2	278.2	278.2	283.5	289.7	289.7	288.5	288.5	288.5
1600	Tobacco	34	224.9	224.9	224.9	195.5	199.8	199.8	199.9	199.9	249.0	249.0	249.0	249.0	249.0	249.0	249.0
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>230.0</b>	<b>232.9</b>	<b>236.8</b>	<b>250.3</b>	<b>251.0</b>	<b>254.1</b>	<b>248.6</b>	<b>271.3</b>	<b>276.8</b>	<b>291.3</b>	<b>294.2</b>	<b>295.9</b>	<b>284.4</b>	<b>282.5</b>	<b>278.1</b>
17	Spinning ,Weaving and Finishing of Textiles	87	251.0	259.7	263.0	274.0	276.2	282.4	255.4	341.1	352.8	346.8	346.4	357.6	325.8	323.0	320.4
18	Wearing Apparel Except Fur Apparel	9	174.3	197.0	174.5	180.1	180.1	180.1	207.8	214.6	258.6	260.4	260.4	271.3	287.7	288.8	288.8
19	Leather and Footwear	79	147.0	147.1	148.9	150.0	150.0	150.0	151.1	151.7	158.1	167.1	172.8	176.3	177.6	178.9	178.6
21-22	Paper , Paper Products and Printing	56	218.9	221.3	232.9	249.5	246.9	246.6	252.9	251.5	249.2	271.6	276.1	259.8	266.2	273.7	274.5
24	Chemical and Chemical Products	67	200.3	204.6	212.9	216.2	217.3	219.5	225.3	227.8	235.3	240.4	244.8	248.6	249.8	251.0	253.2
25	Rubber and Plastic Products	50	248.6	248.6	249.7	253.0	253.0	253.0	270.5	276.0	281.8	283.0	283.8	283.3	288.9	309.2	309.2
26	Other Non-Metallic Mineral products	107	297.5	299.1	306.3	351.2	351.5	351.9	345.5	388.6	389.8	439.5	443.5	443.5	380.9	360.6	360.6
27	Basic Iron and Steel	69	252.2	254.2	255.2	265.8	269.8	286.0	267.2	273.5	283.5	286.8	290.1	290.1	291.3	287.2	245.9
28	Fabricated Metal Products Except Machinery and Equipm	30	231.8	232.4	233.5	234.9	236.1	236.9	203.7	213.4	211.2	252.0	252.0	253.6	288.3	288.3	287.9
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	198.8	198.8	198.8	202.1	202.1	202.1	202.1	213.9	213.9	215.4	215.4	215.4	226.1	226.1	237.8
20 & 36	Wood and Furniture	21	180.3	179.9	180.7	179.7	179.7	180.6	181.8	182.7	182.7	185.9	187.1	203.4	213.8	208.3	208.0

Table 2: Percentage Change in the PPI-M Over Previous Month - August 2010 to December 2011

SIC code	Description	Weight	2010					2011											
			Aug	Sep	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>-0.2</b>	<b>2.3</b>	<b>4.7</b>	<b>1.1</b>	<b>2.8</b>	<b>4.9</b>	<b>-0.3</b>	<b>1.0</b>	<b>0.6</b>	<b>4.8</b>	<b>1.4</b>	<b>4.2</b>	<b>1.1</b>	<b>1.0</b>	<b>-1.3</b>	<b>0.1</b>	<b>-0.5</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>-0.7</b>	<b>0.7</b>	<b>7.3</b>	<b>0.9</b>	<b>4.3</b>	<b>3.8</b>	<b>-1.2</b>	<b>0.8</b>	<b>4.3</b>	<b>-0.8</b>	<b>0.5</b>	<b>4.0</b>	<b>1.4</b>	<b>1.7</b>	<b>2.3</b>	<b>1.2</b>	<b>0.9</b>
1514	Vegetable and Animal Oils	10	1.6	0.8	5.5	9.7	0.3	4.6	-0.4	2.5	29.6	0.8	4.9	7.7	0.0	-0.3	9.8	-1.5	-0.1
1520	Dairy Products	6	1.9	0.0	0.0	6.0	0.0	3.3	0.0	2.8	13.1	0.0	0.0	3.4	1.9	13.2	-2.3	0.0	0.0
1531	Grain Mill Products	49	-0.4	0.4	3.4	0.1	7.3	4.4	-1.6	-1.8	15.8	-7.4	-1.4	10.7	0.6	0.0	0.1	3.1	1.8
1541	Bakery Products	21	0.0	0.0	17.1	0.0	-0.4	0.6	0.0	0.0	10.9	0.4	-2.3	4.8	-0.1	-0.1	7.8	0.0	0.0
1542	Sugar	116	-2.0	1.6	11.0	-0.9	2.0	1.4	-3.2	2.2	-0.5	0.0	-2.9	5.3	0.5	4.7	0.0	2.2	1.0
1544	Macaroni and Pasta	17	0.0	2.1	1.1	0.0	8.5	-1.5	-0.6	0.7	20.4	3.8	0.0	-0.3	0.8	2.0	5.2	2.8	3.1
1549	Other Food Products	17	0.0	0.0	13.5	0.0	0.0	0.7	0.0	0.0	3.8	6.3	0.0	10.2	3.0	0.0	14.4	0.0	8.0
1551	Liquors	8	0.0	0.0	7.5	2.0	1.3	0.0	0.0	0.0	2.4	0.0	0.0	2.4	11.9	0.0	0.0	0.0	0.0
1553	Beer And Malt	74	0.0	0.0	0.0	0.0	7.7	20.4	0.0	0.0	1.1	0.0	0.7	-0.6	3.0	0.0	5.8	0.0	0.0
1554	Soft drinks and Mineral Water	50	0.0	0.2	0.3	7.9	9.1	0.0	0.1	1.5	0.0	0.0	0.0	1.9	2.2	0.0	-0.4	0.0	0.0
1600	Tobacco	34	0.0	0.0	26.4	0.0	0.0	-13.1	2.2	0.0	0.0	0.0	24.6	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>0.1</b>	<b>3.5</b>	<b>2.8</b>	<b>1.3</b>	<b>1.7</b>	<b>5.6</b>	<b>0.3</b>	<b>1.2</b>	<b>-2.2</b>	<b>9.1</b>	<b>2.0</b>	<b>4.4</b>	<b>1.0</b>	<b>0.6</b>	<b>-3.9</b>	<b>-0.7</b>	<b>-1.5</b>
17	Spinning ,Weaving and Finishing of Textiles	87	0.1	2.8	4.7	3.5	1.2	4.2	0.8	2.2	-9.6	33.6	3.4	-1.7	-0.1	3.2	-8.9	-0.9	-0.8
18	Wearing Apparel Except Fur Apparel	9	0.0	3.1	16.0	13.0	-11.4	3.2	0.0	0.0	15.4	3.3	20.5	0.7	0.0	4.2	6.0	0.4	0.0
19	Leather and Footwear	79	-1.3	4.6	0.4	0.1	1.2	0.8	0.0	0.0	0.7	0.4	4.2	5.7	3.4	2.0	0.8	0.7	-0.2
21-22	Paper , Paper Products and Printing	56	2.0	1.9	3.7	1.1	5.2	6.9	-1.0	-0.1	2.5	-0.5	-0.9	9.0	1.6	-5.9	2.4	2.8	0.3
24	Chemical and Chemical Products	67	0.0	3.5	3.0	2.1	4.1	1.5	0.5	1.0	2.6	1.1	3.3	2.1	1.9	1.5	0.5	0.5	0.9
25	Rubber and Plastic Products	50	0.2	7.3	3.6	0.0	0.4	1.3	0.0	0.0	6.9	2.0	2.1	0.4	0.3	-0.2	2.0	7.0	0.0
26	Other Non-Metallic Mineral products	107	0.0	0.3	1.8	0.6	2.4	14.7	0.1	0.1	-1.8	12.5	0.3	12.4	0.9	0.0	-14.1	-5.3	0.0
27	Basic Iron and Steel	69	0.1	4.2	1.3	0.8	0.4	4.2	1.5	6.0	-6.6	2.4	3.6	1.2	1.1	0.0	0.4	-1.4	-14.4
28	Fabricated Metal Products Except Machinery and Equip	30	0.0	1.6	7.7	0.3	0.5	0.6	0.5	0.3	-14.0	4.8	-1.0	-0.5	0.0	0.6	13.7	0.0	-0.2
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	0.0	17.7	-0.5	0.0	0.0	1.7	0.0	0.0	0.0	5.8	0.0	0.7	0.0	0.0	5.0	0.0	5.2
0 & 36	Wood and Furniture	21	0.0	10.3	1.3	-0.2	0.4	-0.5	0.0	0.5	0.7	0.5	0.0	1.8	0.6	8.8	5.1	-2.6	-0.2

Table 3: Percentage Change In the PPI-M Relative to Same Month of Previous Year Forth Quarter 2010 to Forth quarter 2011

Base: First Quarter 2005 =100

ISIC code	Description	Weight	2010			2011			percentage change (%) from		
			Oct	Nov	Dec	Oct	Nov	Dec	Oct.- 11/Oct.-10	Nov.- 11/Nov.-10	Dec.- 11/Dec.-10
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>241.7</b>	<b>244.4</b>	<b>251.2</b>	<b>299.3</b>	<b>299.7</b>	<b>298.2</b>	<b>23.8</b>	<b>22.6</b>	<b>18.7</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>259.1</b>	<b>261.4</b>	<b>272.6</b>	<b>321.6</b>	<b>325.4</b>	<b>328.3</b>	<b>24.2</b>	<b>24.5</b>	<b>20.4</b>
1514	Vegetable and Animal Oils	10	236.1	258.9	259.8	448.6	441.9	441.3	90.0	70.7	69.9
1520	Dairy Products	6	238.9	253.2	253.2	354.1	354.1	354.1	48.2	39.8	39.8
1531	Grain Mill Products	49	283.2	283.4	304.0	360.9	372.1	378.8	27.5	31.3	24.6
1541	Bakery Products	21	249.1	249.1	248.2	306.5	306.5	306.5	23.1	23.1	23.5
1542	Sugar	116	316.0	313.2	319.4	342.9	350.6	353.9	8.5	11.9	10.8
1544	Macaroni and Pasta	17	195.1	195.1	211.8	281.4	289.2	298.2	44.3	48.2	40.8
1549	Other Food Products	17	161.2	161.2	161.2	232.4	232.4	251.0	44.1	44.1	55.7
1551	Liquors	8	204.7	208.7	211.5	248.2	248.2	248.2	21.3	18.9	17.4
1553	Beer And Malt	74	237.4	237.4	255.6	339.6	339.6	339.6	43.0	43.0	32.9
1554	Soft drinks and Mineral Water	50	232.5	250.9	273.8	288.5	288.5	288.5	24.1	15.0	5.4
1600	Tobacco	34	224.9	224.9	224.9	249.0	249.0	249.0	10.7	10.7	10.7
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>230.1</b>	<b>232.9</b>	<b>236.9</b>	<b>284.4</b>	<b>282.5</b>	<b>278.1</b>	<b>23.6</b>	<b>21.3</b>	<b>17.4</b>
17	Spinning ,Weaving and Finishing of Textiles	87	251.0	259.7	263.0	325.8	323.0	320.4	29.8	24.4	21.9
18	Wearing Apparel Except Fur Apparel	9	174.3	197.0	174.5	287.7	288.8	288.8	65.1	46.6	65.5
19	Leather and Footwear	79	147.0	147.1	148.9	177.6	178.9	178.6	20.8	21.6	20.0
21-22	Paper , Paper Products and Printing	56	219.3	221.7	233.3	266.2	273.7	274.5	21.4	23.5	17.7
24	Chemical and Chemical Products	67	200.3	204.6	212.9	249.8	251.0	253.2	24.7	22.7	18.9
25	Rubber and Plastic Products	50	248.6	248.6	249.7	288.9	309.2	309.2	16.2	24.4	23.8
26	Other Non-Metallic Mineral products	107	297.5	299.1	306.3	380.9	360.6	360.6	28.0	20.5	17.7
27	Basic Iron and Steel	69	252.2	254.2	255.2	291.3	287.2	245.9	15.5	13.0	-3.7
28	Fabricated Metal Products Except Machinery and Equipment	30	231.8	232.4	233.5	288.3	288.3	287.9	24.4	24.0	23.3
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	198.8	198.8	198.8	226.1	226.1	237.8	13.7	13.7	19.6
20 & 36	Wood and Furniture	21	180.3	179.9	180.7	213.8	208.3	208.0	18.6	15.8	15.1

Table 4: Quarterly Producer Price Indices for Manufacturing ,October 2010 to December 2011

Base: First Quarter 2005 =100

ISIC code	Description	Weight	2010		2011			Percentage Change(%)from	
			4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	4th Qtr/11 to 3rd Qtr/11	4thQtr/11 to 4thQtr/10
<b>15-36</b>	<b>Total Manufacturing-PPI</b>	<b>1000</b>	<b>245.8</b>	<b>263.8</b>	<b>277.9</b>	<b>300.1</b>	<b>299.1</b>	<b>-0.4</b>	<b>21.7</b>
<b>15</b>	<b>Food , Beverage and Tobacco</b>	<b>401</b>	<b>264.4</b>	<b>281.6</b>	<b>293.2</b>	<b>309.6</b>	<b>325.1</b>	<b>5.0</b>	<b>23.0</b>
1514	Vegetable and Animal Oils	10	251.6	273.4	367.7	409.5	443.9	8.4	76.5
1520	Dairy Products	6	248.5	263.9	304.0	332.3	354.1	6.6	42.5
1531	Grain Mill Products	49	290.2	312.1	336.0	360.1	370.6	2.9	27.7
1541	Bakery Products	21	248.8	249.7	275.5	284.5	306.5	7.7	23.2
1542	Sugar	116	316.2	319.2	315.7	332.2	349.1	5.1	10.4
1544	Macaroni and Pasta	17	200.7	208.2	257.7	263.3	289.6	10.0	44.3
1549	Other Food Products	17	161.2	162.3	175.5	201.2	238.6	18.6	48.0
1551	Liquors	8	208.3	211.5	216.6	239.4	248.2	3.7	19.2
1553	Beer And Malt	74	243.5	307.7	311.9	317.8	339.6	6.9	39.5
1554	Soft drinks and Mineral Water	50	252.4	275.4	278.2	287.6	288.5	0.3	14.3
1600	Tobacco	34	224.9	198.4	216.3	249.0	249.0	0.0	10.7
<b>17-36</b>	<b>Other than Food, Beverage and Tobacco</b>	<b>599</b>	<b>233.3</b>	<b>251.8</b>	<b>267.7</b>	<b>293.8</b>	<b>281.6</b>	<b>-4.1</b>	<b>20.7</b>
17	Spinning ,Weaving and Finishing of Textiles	87	257.9	277.5	316.5	350.3	323.1	-7.8	25.3
18	Wearing Apparel Except Fur Apparel	9	181.9	180.1	227.0	264.1	288.4	9.2	58.6
19	Leather and Footwear	79	147.7	150.0	153.6	172.1	178.4	3.7	20.8
21-22	Paper , Paper Products and Printing	56	224.7	247.7	251.2	269.2	271.4	0.8	20.8
24	Chemical and Chemical Products	67	205.9	217.7	229.5	244.6	251.3	2.7	22.0
25	Rubber and Plastic Products	50	249.0	253.0	276.1	283.4	302.5	6.7	21.5
26	Other Non-Metallic Mineral products	107	301.0	351.5	375.1	442.2	367.4	-16.9	22.1
27	Basic Iron and Steel	69	253.8	273.9	274.7	289.0	274.8	-4.9	8.2
28	Fabricated Metal Products Except Machinery and Equipment	30	232.6	236.0	251.4	252.6	288.2	14.1	23.9
34	Bodies for Motor Vehicles ,Trailers and Semi-Trailers	25	198.8	202.1	209.9	215.4	230.0	6.8	15.7
20 & 36	Wood and Furniture	21	180.3	180.0	182.4	192.1	210.0	9.3	16.5