

# PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

## 1st Quarter 2009

### 1. Introduction

The Producer Price Index (PPI-M) measures changes in the effective prices received by producers of the Manufacturing sector (excluding establishments formerly operating with Export Enterprise Certificate) 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.

This issue of the "Economic and Social Indicators" presents a series of PPI-M from 2003 to March 2009, broken down by 16 Divisions (2-digits level of the National Standard Industrial Classification of Economic Activities, NSIC) with weights based on the results of the 2002 Census of Economic Activities, and using year 2003 as base period. Indices for the Divisions 15 and 16, "Manufacture of food products, beverages and tobacco", have been further subdivided by product group and are given separately in Tables 5 to 8. Tables 9(a) and 10(a) present the monthly indices as well as the quarterly and yearly averages for the manufacturing sector and the group "Manufacture of food products, beverages and tobacco" respectively. Comparative monthly indices for the manufacturing sector and the "Food, beverages and tobacco" sub sector are given in tables 9(b) and 10(b) respectively. The methodology used for the calculation of the index is given in annex.

### 2. Producer Price Index (Year 2003 = 100)

#### 2.1 Monthly index

The Producer Price Index, which stood at 176.2 in December 2008 decreased by 3.1% to reach 170.7 in March 2009. The index receded by 1.8% in January, 1.6% in February and increased by 0.2% in March 2009 (Table 1).

The 1.8% decrease in the overall index in January was mainly due to decreases in the sub-indices of "Manufacture of food products, beverages and tobacco" (-3.4%), "Manufacture of other non-metallic mineral products" (-0.7%) and "Manufacture of wood, wood products and cork except furniture" (-1.2%). The decrease in the sub-index of "Food products, beverages and tobacco", which accounts for nearly 50% of the overall weight, was mainly the effect of price decreases of "Manufacture of grain mill products" (-18.5%), "Manufacture of prepared animal feeds" (-5.8%) and "Manufacture of dairy products" (-1.9%).

In February, the overall index fell by 1.6% due to decreases in the sub-indices of "Manufacture of food products, beverages and tobacco" (-2.8%), "Manufacture of wood, wood products and cork except furniture" (-0.5%) and "Manufacture of electrical machinery and apparatus" (-31.2%). The 2.8% decrease in the sub-index of "Manufacture of food products, beverages and tobacco" was due to decreases in the "Manufacture of grain mill products" (-28.8%) and in the "Manufacture of vegetable and animal oils and fats" (-6.3%), partly offset by an increase in the "Manufacture of sugar" (+73.1%).

The index registered an increase of 0.2% in March mainly due to increases in "Manufacture of food products beverages and tobacco" (+0.4%), "Manufacture of rubber and plastic products" (+0.3%) and "Manufacture of electrical machinery and apparatus" (+6.5%). The 0.4% increase in "Manufacture of food products beverages and tobacco" was the result of an increase in the sub-indices of "Processing and preserving of fruits and vegetables" (+9.3%) and "Wine" (+3.1%), partly offset by a decrease in "Manufacture of vegetables and animal oils and fats" (-0.2%).

The evolution of the monthly index by NSIC group for the period 2003 to 2008 is shown in Tables 2, 3, 6 and 7.

## 2.2 Quarterly Index

Table 4 gives the evolution of the Producer Price Index on a quarterly basis, the quarterly index being computed as the arithmetic mean of the monthly indices. The index which worked out to 177.5 in the fourth quarter of 2008 fell by 3.5% to reach 171.3 in the first quarter of 2009. This 3.5% decrease was mainly due to decreases in the sub-indices of "Manufacture of food products, beverages and tobacco" (-5.0%), "Manufacture of other non-metallic mineral products" (-2.3%) and "Manufacture of basic metals" (-7.1%).

Within "Food products, beverages and tobacco", "Food products" fell by 7.1%, mostly explained by lower prices of "Production, processing and preservation of meat and meat products" (-1.0%), "Manufacture of grain mill products" (-33.4%) and "Manufacture of prepared animal feeds" (-5.8%), whilst "Beverages and tobacco" rose by 0.3% due to higher prices of "Soft drinks" (+0.3%) and "Distilling, blending and bottling of spirit" (+0.5%). Details of changes are shown in Table 8.

Compared to the corresponding quarter of 2008, the overall index for the first quarter of 2009 went up by 5.7%. This was mostly due to increases in the sub-indices of "Manufacture of food products, beverages and tobacco" (+4.8%), "Manufacture of chemicals and chemical products" (+4.0%), "Manufacture of other non-metallic mineral products" (+11.5%), "Publishing, printing and reproduction of recorded media" (+2.9%), "Manufacture of basic metals" (+25.2) and "Manufacture of fabricated metal products" (+7.2%). Other details of changes are shown in Table 4.

Within "Manufacture of food products, beverages and tobacco", "Food products" increased by 3.5% and "Beverages and tobacco" went up by 7.8%. At a more detailed level, increases were noted in the prices of "Production, processing and preservation of meat and meat products" (+8.6%), "Manufacture of prepared animal feeds" (+5.3%), "Manufacture of sugar" (+189.8%) and "Soft drink" (+20.6%). Other details on changes that have occurred during that period are given in Tables 4 and 8.

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**Table 1 - Monthly indices by NSIC group, July 2008 to March 2009 - Manufacturing Sector**

|                |  |              |              |              |              |              |              |              |              |              |              | Year 2003 = 100          |                  |                  |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|------------------|------------------|
| NSIC           | Activity group   | Weight       | Jul-08       | Aug-08       | Sep-08       | Oct-08       | Nov-08       | Dec-08       | Jan-09       | Feb-09       | Mar-09       | Percent changes (%) from |                  |                  |
|                |  |              |              |              |              |              |              |              |              |              |              | Dec 08 to Jan 09         | Jan 09 to Feb 09 | Feb 09 to Mar 09 |
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 177.3        | 181.7        | 185.2        | 187.4        | 188.3        | 187.9        | 181.5        | 176.5        | 177.2        | -3.4                     | -2.8             | 0.4              |
| 17             | Manufacture of textiles  | 20           | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 0.0                      | 0.0              | 0.0              |
| 18             | Manufacture of wearing apparel   | 26           | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 0.0                      | 0.0              | 0.0              |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 0.0                      | 0.0              | 0.0              |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 182.3        | 182.3        | 182.3        | 182.3        | 182.3        | 182.3        | 180.1        | 179.2        | 179.2        | -1.2                     | -0.5             | 0.0              |
| 21             | Manufacture of paper and paper products                                    | 23           | 113.8        | 113.8        | 113.8        | 114.4        | 114.4        | 114.4        | 114.4        | 114.4        | 114.4        | 0.0                      | 0.0              | 0.0              |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 0.0                      | 0.0              | 0.0              |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 154.0        | 155.5        | 156.7        | 156.7        | 156.7        | 157.6        | 157.6        | 157.6        | 157.6        | 0.0                      | 0.0              | 0.0              |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 142.3        | 142.3        | 142.3        | 145.1        | 145.1        | 144.2        | 144.9        | 145.2        | 145.7        | 0.5                      | 0.2              | 0.3              |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 163.9        | 163.9        | 163.9        | 175.6        | 168.5        | 167.9        | 166.7        | 166.7        | 166.7        | -0.7                     | 0.0              | 0.0              |
| 27             | Manufacture of basic metals  | 39           | 289.8        | 337.5        | 337.5        | 337.5        | 300.9        | 286.2        | 286.2        | 286.2        | 286.2        | 0.0                      | 0.0              | 0.0              |
| 28             | Manufacture of fabricated metal products                                   | 54           | 200.4        | 200.4        | 212.6        | 212.6        | 202.9        | 202.9        | 202.9        | 202.9        | 202.9        | 0.0                      | 0.0              | 0.0              |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 206.0        | 206.0        | 206.0        | 206.0        | 206.0        | 196.0        | 196.0        | 134.8        | 143.7        | 0.0                      | -31.2            | 6.5              |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 0.0                      | 0.0              | 0.0              |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 120.2        | 120.2        | 120.2        | 156.3        | 156.3        | 156.3        | 156.3        | 156.3        | 156.3        | 0.0                      | 0.0              | 0.0              |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 132.7        | 132.7        | 133.0        | 132.7        | 0.0                      | 0.3              | -0.3             |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>170.1</b> | <b>174.3</b> | <b>176.8</b> | <b>179.2</b> | <b>177.0</b> | <b>176.2</b> | <b>173.0</b> | <b>170.3</b> | <b>170.7</b> | <b>-1.8</b>              | <b>-1.6</b>      | <b>0.2</b>       |

**Table 2 - Monthly indices by NSIC group for the base period (Year 2003) - Manufacturing Sector**

| NSIC           | Activity group   | Weight       | Jan-03      | Feb-03      | Mar-03      | Apr-03      | May-03      | Jun-03      | Jul-03      | Aug-03       | Sep-03       | Oct-03       | Nov-03       | Dec-03       | Average year 2003 |
|----------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 97.9        | 98.1        | 98.6        | 99.2        | 99.7        | 99.8        | 99.9        | 100.4        | 100.5        | 101.7        | 101.8        | 102.6        | 100.0             |
| 17             | Manufacture of textiles  | 20           | 99.3        | 99.3        | 99.3        | 99.3        | 99.3        | 99.3        | 100.7       | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.0             |
| 18             | Manufacture of wearing apparel   | 26           | 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.       | 5            | 97.7        | 97.7        | 94.5        | 96.1        | 96.1        | 96.1        | 103.6       | 103.6        | 103.6        | 103.6        | 103.6        | 103.6        | 100.0             |
| 20             | Manufacture of wood, wood products and cork except furniture               | 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             |
| 21             | Manufacture of paper and paper products                                    | 23           | 100.1       | 100.1       | 100.1       | 100.1       | 100.2       | 100.0       | 99.9        | 99.9         | 99.9         | 100.0        | 99.9         | 99.9         | 100.0             |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 99.2        | 99.2        | 99.2        | 99.2        | 99.2        | 99.2        | 100.8       | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.0             |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 98.6        | 98.6        | 98.6        | 98.6        | 99.1        | 99.7        | 99.7        | 99.7         | 101.6        | 101.6        | 101.9        | 102.1        | 100.0             |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 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             |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 98.3        | 98.3        | 98.3        | 98.3        | 98.3        | 98.3        | 98.3        | 98.3         | 103.3        | 103.3        | 103.3        | 103.3        | 100.0             |
| 27             | Manufacture of basic metals  | 39           | 97.1        | 97.1        | 97.1        | 97.1        | 97.1        | 97.1        | 97.1        | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 100.0             |
| 28             | Manufacture of fabricated metal products                                   | 54           | 98.7        | 98.7        | 98.7        | 98.7        | 98.7        | 98.7        | 100.0       | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | 100.0             |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 100.4       | 100.4       | 105.6       | 105.6       | 105.6       | 105.6       | 96.1        | 96.1         | 96.1         | 96.1         | 96.1         | 96.1         | 100.0             |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 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             |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 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             |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 99.4        | 99.4        | 99.7        | 99.7        | 99.7        | 99.7        | 99.8        | 99.8         | 99.9         | 100.7        | 101.0        | 101.3        | 100.0             |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>98.4</b> | <b>98.5</b> | <b>98.8</b> | <b>99.1</b> | <b>99.3</b> | <b>99.5</b> | <b>99.7</b> | <b>100.3</b> | <b>101.0</b> | <b>101.6</b> | <b>101.7</b> | <b>102.1</b> | <b>100.0</b>      |

**Table 3a - Monthly indices by NSIC group, 2004 - Manufacturing Sector**

**Year 2003 = 100**

| NSIC           | Activity group   | Weight       | Jan-04       | Feb-04       | Mar-04       | Apr-04       | May-04       | Jun-04       | Jul-04       | Aug-04       | Sep-04       | Oct-04       | Nov-04       | Dec-04       | Average year 2004 |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 104.4        | 105.2        | 106.5        | 107.2        | 107.7        | 108.5        | 108.9        | 109.3        | 110.6        | 110.3        | 110.7        | 111.4        | <b>108.4</b>      |
| 17             | Manufacture of textiles  | 20           | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | <b>100.7</b>      |
| 18             | Manufacture of wearing apparel   | 26           | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 107.7        | 107.7        | 107.7        | <b>101.9</b>      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 103.6        | 103.6        | 103.6        | 107.5        | 107.5        | 108.1        | 109.9        | 109.9        | 109.9        | 110.6        | 111.1        | 112.4        | <b>108.1</b>      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 102.8        | 102.8        | 102.8        | 102.8        | 102.8        | 102.8        | 102.8        | 102.8        | 102.8        | 102.0        | 102.0        | 102.0        | <b>102.6</b>      |
| 21             | Manufacture of paper and paper products                                    | 23           | 98.5         | 98.3         | 98.3         | 98.3         | 98.3         | 98.3         | 98.4         | 98.5         | 98.5         | 98.4         | 98.5         | 98.4         | <b>98.4</b>       |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | <b>102.7</b>      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 103.0        | 103.7        | 103.7        | 104.4        | 104.4        | 104.4        | 105.4        | 108.2        | 109.8        | 110.2        | 110.2        | 110.2        | <b>106.5</b>      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 100.0        | 100.0        | 100.0        | 105.0        | 105.0        | 105.7        | 105.8        | 107.9        | 107.9        | 108.9        | 116.3        | 115.6        | <b>106.5</b>      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 103.3        | 103.3        | 103.3        | 103.3        | 103.3        | 103.3        | 103.3        | 103.3        | 103.6        | 103.6        | 103.6        | 103.6        | <b>103.4</b>      |
| 27             | Manufacture of basic metals  | 39           | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 145.2        | 145.2        | 145.2        | 145.2        | 145.2        | 145.2        | 145.2        | <b>128.1</b>      |
| 28             | Manufacture of fabricated metal products                                   | 54           | 101.5        | 102.9        | 102.9        | 106.5        | 106.5        | 111.2        | 113.4        | 113.4        | 113.4        | 113.4        | 113.4        | 113.7        | <b>109.3</b>      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 96.1         | 96.1         | 103.7        | 103.7        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 127.1        | 127.1        | <b>112.5</b>      |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | 127.5        | <b>127.5</b>      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | <b>103.4</b>      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 102.5        | 105.2        | 105.2        | 105.4        | 105.4        | 105.6        | <b>103.1</b>      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>103.3</b> | <b>103.8</b> | <b>104.5</b> | <b>105.3</b> | <b>105.6</b> | <b>107.8</b> | <b>108.5</b> | <b>109.2</b> | <b>110.0</b> | <b>110.1</b> | <b>110.6</b> | <b>110.9</b> | <b>107.5</b>      |

**Table 3b - Monthly indices by NSIC group, 2005 - Manufacturing Sector**

**Year 2003 = 100**

| NSIC           | Activity group   | Weight       | Jan-05       | Feb-05       | Mar-05       | Apr-05       | May-05       | Jun-05       | Jul-05       | Aug-05       | Sep-05       | Oct-05       | Nov-05       | Dec-05       | Average year 2005 |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 111.6        | 111.8        | 111.8        | 112.3        | 112.3        | 112.3        | 116.7        | 116.8        | 116.8        | 117.2        | 118.2        | 118.4        | <b>114.7</b>      |
| 17             | Manufacture of textiles  | 20           | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | <b>107.3</b>      |
| 18             | Manufacture of wearing apparel   | 26           | 107.7        | 107.7        | 107.7        | 107.7        | 107.7        | 116.8        | 116.8        | 116.8        | 116.8        | 120.7        | 120.7        | 120.7        | <b>114.0</b>      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 112.4        | 115.5        | 115.5        | 115.5        | 115.5        | 116.0        | 120.4        | 120.4        | 120.4        | 116.9        | 116.9        | 116.9        | <b>116.9</b>      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 101.9        | 101.9        | 101.9        | 103.9        | 103.9        | 103.9        | 105.9        | 105.9        | 105.9        | 105.9        | 108.3        | 108.3        | <b>104.8</b>      |
| 21             | Manufacture of paper and paper products                                    | 23           | 102.3        | 102.4        | 102.8        | 103.9        | 103.9        | 104.0        | 103.4        | 103.4        | 103.4        | 104.8        | 104.8        | 104.8        | <b>103.7</b>      |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 104.5        | 106.2        | 106.2        | 113.9        | <b>105.6</b>      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 115.8        | 117.0        | 117.0        | 117.0        | 117.0        | 117.0        | 117.0        | 117.4        | 117.4        | 118.4        | 118.4        | 118.4        | <b>117.3</b>      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 109.4        | 109.4        | 109.0        | 117.0        | 117.7        | 117.5        | 117.5        | 117.5        | 117.5        | 118.2        | 120.2        | 120.2        | <b>115.9</b>      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 115.0        | <b>111.1</b>      |
| 27             | Manufacture of basic metals  | 39           | 145.2        | 145.2        | 145.2        | 140.0        | 145.4        | 134.6        | 142.8        | 136.8        | 132.7        | 145.7        | 145.7        | 145.7        | <b>142.1</b>      |
| 28             | Manufacture of fabricated metal products                                   | 54           | 126.6        | 128.7        | 128.7        | 129.4        | 132.3        | 132.3        | 132.3        | 132.3        | 132.3        | 132.3        | 132.3        | 132.3        | <b>131.0</b>      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 127.1        | 127.1        | 138.4        | 138.4        | 138.4        | 138.4        | 138.4        | 138.4        | 145.9        | 145.9        | 145.9        | 145.9        | <b>139.0</b>      |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 150.0        | 150.0        | 150.0        | 125.0        | 125.0        | 127.5        | 127.5        | 122.5        | 131.3        | 131.3        | 131.3        | 131.3        | <b>133.5</b>      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | 107.0        | <b>107.0</b>      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 109.1        | 109.1        | 109.2        | 109.2        | 109.2        | 109.2        | 109.3        | 109.4        | 109.4        | 109.8        | 109.8        | 110.5        | <b>109.4</b>      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>113.3</b> | <b>113.7</b> | <b>113.7</b> | <b>113.9</b> | <b>114.3</b> | <b>114.1</b> | <b>116.6</b> | <b>116.4</b> | <b>116.3</b> | <b>117.4</b> | <b>117.9</b> | <b>119.0</b> | <b>115.5</b>      |

**Table 3c - Monthly indices by NSIC group, 2006 - Manufacturing Sector**

**Year 2003 = 100**

| NSIC           | Activity group   | Weight       | Jan-06       | Feb-06       | Mar-06       | Apr-06       | May-06       | Jun-06       | Jul-06       | Aug-06       | Sep-06       | Oct-06       | Nov-06       | Dec-06       | Average year 2006 |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 119.8        | 120.2        | 121.8        | 122.7        | 123.2        | 123.9        | 126.0        | 126.6        | 127.1        | 128.8        | 129.2        | 132.0        | <b>125.1</b>      |
| 17             | Manufacture of textiles  | 20           | 107.3        | 107.3        | 107.3        | 107.3        | 107.3        | 114.5        | 114.5        | 114.5        | 114.5        | 114.5        | 114.5        | 114.5        | <b>111.5</b>      |
| 18             | Manufacture of wearing apparel   | 26           | 120.7        | 120.7        | 120.7        | 120.7        | 120.7        | 120.7        | 120.7        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | <b>125.4</b>      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 116.9        | 116.9        | 116.9        | 112.7        | 112.7        | 112.7        | 113.3        | 113.3        | 113.3        | 113.3        | 113.3        | 113.3        | <b>114.1</b>      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 110.2        | 110.2        | 110.2        | 110.2        | 117.9        | 118.1        | 118.1        | 118.1        | 118.1        | 118.1        | 151.5        | 151.5        | <b>121.0</b>      |
| 21             | Manufacture of paper and paper products                                    | 23           | 105.3        | 105.3        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | <b>105.5</b>      |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 113.9        | 113.9        | 117.7        | 117.7        | 132.2        | 132.2        | 132.2        | 132.2        | 132.2        | 132.2        | 132.2        | 132.2        | <b>126.7</b>      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 121.8        | 121.8        | 121.8        | 121.8        | 122.6        | 122.6        | 129.5        | 129.5        | 129.5        | 130.7        | 131.2        | 131.2        | <b>126.2</b>      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 119.7        | 120.2        | 120.2        | 123.6        | 123.6        | 123.6        | 123.8        | 123.8        | 129.9        | 129.8        | 129.8        | 129.8        | <b>124.8</b>      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 118.4        | 118.4        | 118.4        | 123.0        | 123.0        | 123.0        | 123.0        | 127.6        | 127.6        | 123.0        | 127.6        | 127.6        | <b>123.4</b>      |
| 27             | Manufacture of basic metals  | 39           | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 145.7        | 175.1        | 175.1        | <b>150.6</b>      |
| 28             | Manufacture of fabricated metal products                                   | 54           | 137.1        | 137.1        | 137.1        | 138.5        | 138.5        | 150.0        | 153.4        | 153.4        | 157.8        | 159.2        | 159.2        | 166.5        | <b>149.0</b>      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 164.1        | 164.1        | 164.1        | 193.5        | 193.5        | 236.1        | 236.1        | 236.1        | 253.0        | 253.0        | 253.0        | 253.0        | <b>216.6</b>      |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 131.3        | 131.3        | 131.3        | 131.3        | 128.1        | 128.1        | 128.1        | 128.1        | 128.1        | 128.1        | 128.1        | 128.1        | <b>129.2</b>      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | 110.6        | <b>110.6</b>      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 116.9        | 118.5        | 118.9        | 119.4        | 119.9        | 120.1        | 120.1        | 120.1        | 120.1        | 120.1        | 120.1        | 120.1        | <b>119.5</b>      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>120.9</b> | <b>121.2</b> | <b>122.3</b> | <b>123.4</b> | <b>124.8</b> | <b>126.1</b> | <b>128.0</b> | <b>129.0</b> | <b>129.8</b> | <b>130.4</b> | <b>132.5</b> | <b>134.3</b> | <b>126.9</b>      |

**Table 3d - Monthly indices by NSIC group, 2007 - Manufacturing Sector**

Year 2003 = 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 |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 135.5        | 136.9        | 138.0        | 146.0        | 146.2        | 146.6        | 148.9        | 148.8        | 150.9        | 150.8        | 155.3        | 155.8        | <b>146.6</b>      |
| 17             | Manufacture of textiles  | 20           | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | 109.7        | <b>109.7</b>      |
| 18             | Manufacture of wearing apparel   | 26           | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | <b>132.0</b>      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 113.8        | 113.8        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | 114.1        | <b>114.1</b>      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 151.5        | 151.5        | 159.3        | 159.3        | 159.3        | 162.7        | 166.9        | 166.9        | 165.9        | 188.0        | 188.0        | 188.0        | <b>167.3</b>      |
| 21             | Manufacture of paper and paper products                                    | 23           | 105.6        | 105.6        | 105.6        | 106.4        | 106.4        | 106.4        | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | <b>105.8</b>      |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 132.2        | 132.2        | 132.2        | 136.1        | 136.1        | 136.1        | 136.1        | 136.1        | 136.1        | 136.1        | 136.1        | 139.7        | <b>135.4</b>      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 132.0        | 132.5        | 134.2        | 143.6        | 143.6        | 143.6        | 144.2        | 144.2        | 150.3        | 151.4        | 151.4        | 151.4        | <b>143.5</b>      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 131.8        | 131.8        | 131.8        | 135.7        | 135.7        | 135.7        | 138.1        | 138.1        | 137.3        | 143.8        | 143.8        | 143.8        | <b>137.3</b>      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 130.4        | 130.4        | 130.4        | 130.4        | 130.4        | 130.4        | 132.0        | 132.0        | 132.0        | 136.8        | 136.8        | 136.8        | <b>132.4</b>      |
| 27             | Manufacture of basic metals  | 39           | 175.1        | 175.1        | 175.1        | 175.1        | 175.1        | 267.8        | 267.8        | 267.8        | 267.8        | 267.8        | 234.7        | 234.7        | <b>223.7</b>      |
| 28             | Manufacture of fabricated metal products                                   | 54           | 168.7        | 178.9        | 178.9        | 178.9        | 178.9        | 178.9        | 180.0        | 180.0        | 183.0        | 183.0        | 183.0        | 191.1        | <b>180.3</b>      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 253.0        | 253.0        | 253.0        | 253.0        | 253.0        | 253.0        | 273.3        | 273.3        | 273.3        | 273.3        | 273.3        | 273.3        | <b>263.1</b>      |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 131.3        | 131.3        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | <b>126.0</b>      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 110.6        | 110.6        | 110.6        | 114.2        | 114.2        | 114.2        | 114.2        | 114.2        | 114.2        | 117.8        | 117.8        | 117.8        | <b>114.2</b>      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 121.7        | 125.4        | 125.4        | 125.4        | 125.4        | 125.4        | 125.4        | 126.1        | 126.1        | 128.2        | 128.2        | 128.2        | <b>125.9</b>      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>136.5</b> | <b>137.9</b> | <b>138.6</b> | <b>143.8</b> | <b>143.9</b> | <b>147.8</b> | <b>149.4</b> | <b>149.3</b> | <b>151.1</b> | <b>152.1</b> | <b>153.0</b> | <b>153.9</b> | <b>146.4</b>      |

**Table 3e - Monthly indices by NSIC group, 2008 - Manufacturing Sector**

|                |  |              |              |              |              |              |              |              |              |              |              |              |              |              | Year 2003 = 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 |
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 168.0        | 170.2        | 172.7        | 174.8        | 175.1        | 174.8        | 177.3        | 181.7        | 185.2        | 187.4        | 188.3        | 187.9        | <b>178.6</b>      |
| 17             | Manufacture of textiles  | 20           | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | <b>116.9</b>      |
| 18             | Manufacture of wearing apparel   | 26           | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | <b>132.0</b>      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 114.1        | 114.1        | 114.1        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | 117.3        | <b>116.5</b>      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 182.3        | 183.5        | 179.0        | 179.0        | 179.0        | 179.0        | 182.3        | 182.3        | 182.3        | 182.3        | 182.3        | 182.3        | <b>181.3</b>      |
| 21             | Manufacture of paper and paper products                                    | 23           | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | 105.7        | 113.8        | 113.8        | 113.8        | 114.4        | 114.4        | 114.4        | <b>109.9</b>      |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 139.7        | 139.7        | 139.7        | 138.6        | 138.6        | 138.6        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | 143.8        | <b>141.5</b>      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 151.4        | 151.4        | 151.7        | 152.2        | 152.2        | 152.2        | 154.0        | 155.5        | 156.7        | 156.7        | 156.7        | 157.6        | <b>154.0</b>      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 143.8        | 143.8        | 143.8        | 143.4        | 143.8        | 143.3        | 142.3        | 142.3        | 142.3        | 145.1        | 145.1        | 144.2        | <b>143.6</b>      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 149.6        | 149.6        | 149.6        | 149.6        | 149.6        | 149.6        | 163.9        | 163.9        | 163.9        | 175.6        | 168.5        | 167.9        | <b>158.4</b>      |
| 27             | Manufacture of basic metals  | 39           | 227.4        | 227.4        | 231.1        | 260.4        | 260.4        | 260.4        | 289.8        | 337.5        | 337.5        | 337.5        | 300.9        | 286.2        | <b>279.7</b>      |
| 28             | Manufacture of fabricated metal products                                   | 54           | 189.3        | 189.3        | 189.3        | 189.3        | 189.3        | 197.1        | 200.4        | 200.4        | 212.6        | 212.6        | 202.9        | 202.9        | <b>198.0</b>      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 273.3        | 273.3        | 273.3        | 273.3        | 273.3        | 234.6        | 206.0        | 206.0        | 206.0        | 206.0        | 206.0        | 196.0        | <b>235.6</b>      |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | <b>125.0</b>      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 120.2        | 120.2        | 120.2        | 120.2        | 120.2        | 120.2        | 120.2        | 120.2        | 120.2        | 156.3        | 156.3        | 156.3        | <b>129.2</b>      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 131.0        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 132.7        | <b>131.6</b>      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>160.8</b> | <b>162.0</b> | <b>163.3</b> | <b>165.4</b> | <b>165.6</b> | <b>165.7</b> | <b>170.1</b> | <b>174.3</b> | <b>176.8</b> | <b>179.2</b> | <b>177.0</b> | <b>176.2</b> | <b>169.7</b>      |

**Table 4 - Quarterly indices by NSIC group, 1st Quarter 2007 to 1st Quarter 2009 - Manufacturing Sector**

**Year 2003 = 100**

| NSIC           | Activity group   | Weight       | 2007         |              |              |              | 2008         |              |              |              | 2009         | Percent changes (%) from |                          |
|----------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|
|                |  |              | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 4th Qr. 08 to 1st Qr. 09 | 1st Qr. 08 to 1st Qr. 09 |
| 15/16          | Manufacture of food products, beverages and tobacco                        | 484          | 136.8        | 146.3        | 149.6        | 153.9        | 170.3        | 174.9        | 181.4        | 187.9        | 178.4        | -5.0                     | 4.8                      |
| 17             | Manufacture of textiles  | 20           | 109.7        | 109.7        | 109.7        | 109.7        | 116.9        | 116.9        | 116.9        | 116.9        | 116.9        | 0.0                      | 0.0                      |
| 18             | Manufacture of wearing apparel   | 26           | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 132.0        | 0.0                      | 0.0                      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags, etc.       | 5            | 113.9        | 114.1        | 114.1        | 114.1        | 114.1        | 117.3        | 117.3        | 117.3        | 117.3        | 0.0                      | 2.8                      |
| 20             | Manufacture of wood, wood products and cork except furniture               | 10           | 154.1        | 160.5        | 166.5        | 188.0        | 181.6        | 179.0        | 182.3        | 182.3        | 179.5        | -1.5                     | -1.1                     |
| 21             | Manufacture of paper and paper products                                    | 23           | 105.6        | 106.4        | 105.7        | 105.7        | 105.7        | 105.7        | 113.8        | 114.4        | 114.4        | 0.0                      | 8.2                      |
| 22             | Publishing, printing and reproduction of recorded media                    | 67           | 132.2        | 136.1        | 136.1        | 137.3        | 139.7        | 138.6        | 143.8        | 143.8        | 143.8        | 0.0                      | 2.9                      |
| 24             | Manufacture of chemicals and chemical products                             | 104          | 132.9        | 143.6        | 146.2        | 151.4        | 151.5        | 152.2        | 155.4        | 157.0        | 157.6        | 0.4                      | 4.0                      |
| 25             | Manufacture of rubber and plastic products                                 | 26           | 131.8        | 135.7        | 137.8        | 143.8        | 143.8        | 143.5        | 142.3        | 144.8        | 145.3        | 0.3                      | 1.0                      |
| 26             | Manufacture of other non-metallic mineral products                         | 96           | 130.4        | 130.4        | 132.0        | 136.8        | 149.6        | 149.6        | 163.9        | 170.6        | 166.7        | -2.3                     | 11.5                     |
| 27             | Manufacture of basic metals  | 39           | 175.1        | 206.0        | 267.8        | 245.8        | 228.6        | 260.4        | 321.6        | 308.2        | 286.2        | -7.1                     | 25.2                     |
| 28             | Manufacture of fabricated metal products                                   | 54           | 175.5        | 178.9        | 181.0        | 185.7        | 189.3        | 191.9        | 204.5        | 206.1        | 202.9        | -1.6                     | 7.2                      |
| 31             | Manufacture of electrical machinery and apparatus                          | 5            | 253.0        | 253.0        | 273.3        | 273.3        | 273.3        | 260.4        | 206.0        | 202.6        | 158.2        | -21.9                    | -42.1                    |
| 32             | Manufacture of radio, television and communication equipment and apparatus | 7            | 129.2        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 0.0                      | 0.0                      |
| 34             | Manufacture of motor vehicles, trailers and semi-trailers                  | 4            | 110.6        | 114.2        | 114.2        | 117.8        | 120.2        | 120.2        | 120.2        | 156.3        | 156.3        | 0.0                      | 30.0                     |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                         | 30           | 124.1        | 125.4        | 125.9        | 128.2        | 131.4        | 131.6        | 131.6        | 131.9        | 132.8        | 0.6                      | 1.1                      |
| <b>15 - 36</b> | <b>Manufacturing sector</b>  | <b>1,000</b> | <b>137.7</b> | <b>145.2</b> | <b>150.0</b> | <b>153.0</b> | <b>162.0</b> | <b>165.6</b> | <b>173.7</b> | <b>177.5</b> | <b>171.3</b> | <b>-3.5</b>              | <b>5.7</b>               |

**Table 5 - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, July 2008 to March 2009**

| NSIC            | Activity group  | Weight     | Jul-08       | Aug-08       | Sep-08       | Oct-08       | Nov-08       | Dec-08       | Jan-09       | Feb-09       | Mar-09       | Year 2003 = 100<br>Percent changes (%) from |             |            |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|-------------|------------|
|                 |   |            |              |              |              |              |              |              |              |              |              | Dec 08 to                                   | Jan 09 to   | Feb 09 to  |
|                 |   |            |              |              |              |              |              |              |              |              |              | Jan 09                                      | Feb 09      | Mar 09     |
| <b>151-154</b>  | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>190.1</b> | <b>192.2</b> | <b>197.3</b> | <b>200.7</b> | <b>202.0</b> | <b>201.3</b> | <b>191.6</b> | <b>184.2</b> | <b>185.0</b> | <b>-4.8</b>                                 | <b>-3.9</b> | <b>0.5</b> |
| 1511            | Production, processing and preservation of meat and meat products | 91         | 165.6        | 165.6        | 172.3        | 172.3        | 172.3        | 169.7        | 169.7        | 169.7        | 169.7        | 0.0   | 0.0         | 0.0        |
| 1512            | Proc. and preservation of fish and fish products                  | 7          | 174.6        | 174.6        | 174.6        | 175.4        | 175.4        | 175.4        | 203.0        | 203.0        | 203.0        | 15.8  | 0.0         | 0.0        |
| 1513            | Proc. and preserving of fruits and vegetables                     | 21         | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 166.7        | 0.0   | 0.0         | 9.3        |
| 1514            | Manufacture of vegetable and animal oils and fats                 | 39         | 192.3        | 193.3        | 193.3        | 193.7        | 192.3        | 192.3        | 192.3        | 180.2        | 179.8        | 0.0   | -6.3        | -0.2       |
| 1520            | Manufacture of dairy products                                     | 30         | 173.3        | 173.3        | 174.5        | 173.5        | 173.5        | 173.5        | 170.3        | 170.3        | 170.3        | -1.9  | 0.0         | 0.0        |
| 1531            | Manufacture of grain mill products                                | 46         | 255.5        | 269.0        | 277.7        | 301.7        | 312.7        | 312.7        | 254.7        | 181.4        | 181.4        | -18.5                                       | -28.8       | 0.0        |
| 1533            | Manufacture of prepared animal feeds                              | 43         | 215.6        | 215.6        | 229.9        | 229.9        | 229.9        | 229.9        | 216.5        | 216.5        | 216.5        | -5.8  | 0.0         | 0.0        |
| 1541            | Manufacture of bakery products, of which                          | 22         | 187.4        | 188.0        | 188.0        | 188.0        | 188.0        | 188.0        | 188.0        | 188.0        | 188.0        | 0.0   | 0.0         | 0.0        |
| 15411/<br>15412 | <i>Bread manufacturing with or without pastry</i>                 | 17         | 200.1        | 200.1        | 200.1        | 200.1        | 200.1        | 200.1        | 200.1        | 200.1        | 200.1        | 0.0   | 0.0         | 0.0        |
| 15413           | <i>Biscuits manufacturing</i>                                     | 5          | 144.2        | 146.9        | 146.9        | 146.9        | 146.9        | 146.9        | 146.9        | 146.9        | 146.9        | 0.0   | 0.0         | 0.0        |
| 1542            | Manufacture of sugar  | 10         | 194.8        | 194.8        | 194.8        | 194.8        | 194.8        | 194.8        | 194.8        | 337.3        | 337.3        | 0.0   | 73.1        | 0.0        |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 114.7        | 124.7        | 124.7        | 124.7        | 124.7        | 124.7        | 124.7        | 124.7        | 124.7        | 0.0   | 0.0         | 0.0        |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 0.0   | 0.0         | 0.0        |
| 1549            | Manufacture of other food products                                | 8          | 135.5        | 135.0        | 135.6        | 135.0        | 130.4        | 132.1        | 134.3        | 134.3        | 134.1        | 1.7   | 0.0         | -0.2       |
| <b>155/16</b>   | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>151.4</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>160.9</b> | <b>160.9</b> | <b>161.3</b> | <b>0.2</b>                                  | <b>0.0</b>  | <b>0.2</b> |
| 1551            | Distilling, blending & bottling of spirit                         | 43         | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 118.3        | 118.3        | 118.3        | 0.5   | 0.0         | 0.0        |
| 1552            | Wine  | 11         | 179.9        | 179.9        | 180.9        | 180.9        | 180.9        | 180.9        | 180.9        | 180.9        | 186.4        | 0.0   | 0.0         | 3.1        |
| 1553            | Beer  | 28         | 195.1        | 196.4        | 196.4        | 196.4        | 196.4        | 196.4        | 196.4        | 196.4        | 196.4        | 0.0   | 0.0         | 0.0        |
| 1554            | Soft drinks   | 53         | 137.5        | 164.5        | 164.5        | 164.5        | 164.5        | 164.5        | 164.9        | 164.9        | 164.9        | 0.3   | 0.0         | 0.0        |
| 1600            | Manufacture of tobacco products                                   | 25         | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 0.0   | 0.0         | 0.0        |
| <b>15/16</b>    | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>177.3</b> | <b>181.7</b> | <b>185.2</b> | <b>187.4</b> | <b>188.3</b> | <b>187.9</b> | <b>181.5</b> | <b>176.5</b> | <b>177.2</b> | <b>-3.4</b>                                 | <b>-2.8</b> | <b>0.4</b> |

**Table 6 - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group for the base period (Year 2003)**

| NSIC            | Activity group  | Weight     | Jan-03      | Feb-03      | Mar-03      | Apr-03      | May-03      | Jun-03       | Jul-03       | Aug-03       | Sep-03       | Oct-03       | Nov-03       | Dec-03       | Average year 2003 |
|-----------------|---|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>151-154</b>  | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>98.7</b> | <b>99.0</b> | <b>99.6</b> | <b>99.6</b> | <b>99.6</b> | <b>99.6</b>  | <b>99.7</b>  | <b>100.2</b> | <b>100.4</b> | <b>100.9</b> | <b>101.2</b> | <b>101.5</b> | <b>100.0</b>      |
| 1511            | Production, processing and preservation of meat and meat products | 91         | 99.2        | 99.2        | 99.2        | 99.2        | 99.2        | 99.2         | 99.2         | 101.1        | 101.1        | 101.1        | 101.1        | 101.1        | <b>100.0</b>      |
| 1512            | Proc. and preservation of fish and fish products                  | 7          | 98.2        | 98.2        | 100.2       | 100.2       | 100.2       | 100.2        | 100.2        | 100.2        | 100.2        | 100.8        | 100.8        | 100.8        | <b>100.0</b>      |
| 1513            | Proc. and preserving of fruits and vegetables                     | 21         | 98.8        | 98.8        | 98.8        | 98.8        | 98.8        | 98.8         | 98.8         | 98.8         | 101.3        | 102.3        | 102.3        | 104.0        | <b>100.0</b>      |
| 1514            | Manufacture of vegetable and animal oils and fats                 | 39         | 92.0        | 92.6        | 101.5       | 101.5       | 101.5       | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | <b>100.0</b>      |
| 1520            | Manufacture of dairy products                                     | 30         | 99.1        | 99.1        | 99.1        | 99.1        | 99.1        | 99.1         | 99.7         | 99.7         | 99.7         | 99.7         | 102.8        | 104.1        | <b>100.0</b>      |
| 1531            | Manufacture of grain mill products                                | 46         | 103.9       | 103.9       | 99.2        | 99.2        | 99.2        | 99.2         | 99.2         | 99.2         | 99.2         | 99.2         | 99.2         | 99.2         | <b>100.0</b>      |
| 1533            | Manufacture of prepared animal feeds                              | 43         | 99.2        | 99.2        | 99.2        | 99.2        | 99.2        | 99.2         | 99.2         | 99.2         | 99.2         | 102.5        | 102.5        | 102.5        | <b>100.0</b>      |
| 1541            | Manufacture of bakery products, of which                          | 22         | 95.2        | 97.9        | 100.0       | 100.0       | 100.0       | 100.0        | 100.8        | 100.8        | 100.8        | 101.5        | 101.5        | 101.5        | <b>100.0</b>      |
| 15411/<br>15412 | <i>Bread manufacturing with or without pastry</i>                 | 17         | 94.0        | 97.6        | 100.2       | 100.2       | 100.2       | 100.2        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | <b>100.0</b>      |
| 15413           | <i>Biscuits manufacturing</i>                                     | 5          | 99.3        | 99.3        | 99.3        | 99.3        | 99.3        | 99.3         | 99.3         | 99.3         | 99.3         | 102.2        | 102.2        | 102.2        | <b>100.0</b>      |
| 1542            | Manufacture of sugar  | 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        | <b>100.0</b>      |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | <b>100.0</b>      |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 100.0       | 100.0       | 100.0       | 100.0       | 100.0       | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | <b>100.0</b>      |
| 1549            | Manufacture of other food products                                | 8          | 100.8       | 100.4       | 100.0       | 99.6        | 99.8        | 100.5        | 100.4        | 100.5        | 99.5         | 99.5         | 99.5         | 99.5         | <b>100.0</b>      |
| <b>155/16</b>   | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>96.2</b> | <b>96.2</b> | <b>96.7</b> | <b>98.4</b> | <b>99.9</b> | <b>100.2</b> | <b>100.2</b> | <b>100.6</b> | <b>100.6</b> | <b>103.1</b> | <b>103.1</b> | <b>104.8</b> | <b>100.0</b>      |
| 1551            | Distilling, blending & bottling of spirit                         | 43         | 97.7        | 97.7        | 99.7        | 99.7        | 99.7        | 99.7         | 99.7         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | <b>100.0</b>      |
| 1552            | Wine  | 11         | 97.2        | 97.2        | 97.2        | 100.5       | 100.5       | 100.5        | 100.5        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | <b>100.0</b>      |
| 1553            | Beer  | 28         | 90.2        | 90.2        | 90.2        | 98.6        | 98.6        | 98.6         | 98.6         | 98.6         | 98.6         | 112.6        | 112.6        | 112.6        | <b>100.0</b>      |
| 1554            | Soft drinks   | 53         | 97.0        | 97.0        | 97.0        | 97.0        | 101.5       | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | 101.5        | <b>100.0</b>      |
| 1600            | Manufacture of tobacco products                                   | 25         | 98.0        | 98.0        | 98.0        | 98.0        | 98.0        | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 111.1        | <b>100.0</b>      |
| <b>15/16</b>    | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>97.9</b> | <b>98.1</b> | <b>98.6</b> | <b>99.2</b> | <b>99.7</b> | <b>99.8</b>  | <b>99.9</b>  | <b>100.4</b> | <b>100.5</b> | <b>101.7</b> | <b>101.8</b> | <b>102.6</b> | <b>100.0</b>      |

**Table 7a - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, 2004**

Year 2003 = 100

| NSIC            | Activity group  | Weight     | Jan-04       | Feb-04       | Mar-04       | Apr-04       | May-04       | Jun-04       | Jul-04       | Aug-04       | Sep-04       | Oct-04       | Nov-04       | Dec-04       | Average year 2004 |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>151-154</b>  | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>104.1</b> | <b>105.3</b> | <b>107.2</b> | <b>108.3</b> | <b>109.0</b> | <b>109.0</b> | <b>109.5</b> | <b>110.1</b> | <b>111.6</b> | <b>110.9</b> | <b>110.7</b> | <b>111.6</b> | <b>109.0</b>      |
| 1511            | Production, processing and preservation of meat and meat products | 91         | 101.1        | 104.2        | 104.2        | 107.2        | 107.2        | 107.2        | 107.4        | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | <b>106.4</b>      |
| 1512            | Proc. and preservation of fish and fish products                  | 7          | 108.4        | 108.4        | 108.4        | 118.5        | 118.5        | 118.5        | 120.0        | 120.0        | 120.0        | 121.9        | 121.9        | 121.9        | <b>117.2</b>      |
| 1513            | Proc. and preserving of fruits and vegetables                     | 21         | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 105.5        | 105.5        | 109.2        | 109.2        | 109.2        | 109.2        | <b>106.0</b>      |
| 1514            | Manufacture of vegetable and animal oils and fats                 | 39         | 101.5        | 101.5        | 101.5        | 101.8        | 105.6        | 105.6        | 105.6        | 105.6        | 105.6        | 106.0        | 106.0        | 106.1        | <b>104.4</b>      |
| 1520            | Manufacture of dairy products                                     | 30         | 104.1        | 104.1        | 104.1        | 104.1        | 104.1        | 104.1        | 104.1        | 108.9        | 108.9        | 108.9        | 108.9        | 112.6        | <b>106.4</b>      |
| 1531            | Manufacture of grain mill products                                | 46         | 116.9        | 116.9        | 116.9        | 116.9        | 118.3        | 118.3        | 120.2        | 120.2        | 128.9        | 122.5        | 121.4        | 121.4        | <b>119.9</b>      |
| 1533            | Manufacture of prepared animal feeds                              | 43         | 102.5        | 102.5        | 116.1        | 116.1        | 116.1        | 116.1        | 116.1        | 116.1        | 116.1        | 116.1        | 116.1        | 120.5        | <b>114.2</b>      |
| 1541            | Manufacture of bakery products, of which                          | 22         | 101.5        | 105.4        | 106.7        | 106.8        | 106.8        | 106.8        | 107.3        | 107.3        | 107.3        | 108.6        | 108.6        | 108.6        | <b>106.8</b>      |
| 15411/<br>15412 | <i>Bread manufacturing with or without pastry</i>                 | 17         | 101.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 108.0        | 108.0        | 108.0        | <b>106.3</b>      |
| 15413           | <i>Biscuits manufacturing</i>                                     | 5          | 102.2        | 102.2        | 108.2        | 108.4        | 108.4        | 108.4        | 110.5        | 110.5        | 110.5        | 110.5        | 110.5        | 110.5        | <b>108.4</b>      |
| 1542            | Manufacture of sugar  | 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        | <b>100.0</b>      |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | <b>108.0</b>      |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 100.0        | 100.0        | 100.7        | 102.0        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | <b>105.6</b>      |
| 1549            | Manufacture of other food products                                | 8          | 98.8         | 98.8         | 98.8         | 99.6         | 98.1         | 97.7         | 98.7         | 100.0        | 98.6         | 98.9         | 97.9         | 97.9         | <b>98.7</b>       |
| <b>155/16</b>   | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>105.0</b> | <b>105.0</b> | <b>105.0</b> | <b>105.0</b> | <b>105.0</b> | <b>107.4</b> | <b>107.6</b> | <b>107.6</b> | <b>108.5</b> | <b>109.3</b> | <b>110.8</b> | <b>110.8</b> | <b>107.2</b>      |
| 1551            | Distilling, blending & bottling of spirit                         | 43         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 98.3         | 98.5         | 98.5         | 98.5         | 98.5         | 104.0        | 104.0        | <b>100.5</b>      |
| 1552            | Wine  | 11         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 102.1        | 102.1        | 115.9        | 126.9        | 126.9        | 126.9        | <b>109.0</b>      |
| 1553            | Beer  | 28         | 112.6        | 112.6        | 112.6        | 112.6        | 112.6        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | <b>123.3</b>      |
| 1554            | Soft drinks   | 53         | 102.0        | 102.0        | 102.0        | 102.0        | 102.0        | 102.0        | 102.3        | 102.3        | 102.3        | 102.3        | 102.3        | 102.3        | <b>102.2</b>      |
| 1600            | Manufacture of tobacco products                                   | 25         | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | <b>110.8</b>      |
| <b>15/16</b>    | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>104.4</b> | <b>105.2</b> | <b>106.5</b> | <b>107.2</b> | <b>107.7</b> | <b>108.5</b> | <b>108.9</b> | <b>109.3</b> | <b>110.6</b> | <b>110.3</b> | <b>110.7</b> | <b>111.4</b> | <b>108.4</b>      |

**Table 7b - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, 2005**

Year 2003 = 100

| NSIC            | Activity group  | Weight     | Jan-05       | Feb-05       | Mar-05       | Apr-05       | May-05       | Jun-05       | Jul-05       | Aug-05       | Sep-05       | Oct-05       | Nov-05       | Dec-05       | Average year 2005 |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>151-154</b>  | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>111.7</b> | <b>111.6</b> | <b>111.7</b> | <b>112.1</b> | <b>112.1</b> | <b>112.1</b> | <b>115.2</b> | <b>115.5</b> | <b>115.4</b> | <b>116.0</b> | <b>116.1</b> | <b>116.2</b> | <b>113.8</b>      |
| 1511            | Production, processing and preservation of meat and meat products | 91         | 107.8        | 107.8        | 107.8        | 107.9        | 107.9        | 107.9        | 110.4        | 110.7        | 111.1        | 111.2        | 111.5        | 111.5        | <b>109.5</b>      |
| 1512            | Proc. and preservation of fish and fish products                  | 7          | 135.2        | 135.2        | 135.2        | 135.2        | 135.2        | 135.2        | 135.9        | 135.9        | 135.9        | 136.7        | 136.7        | 136.7        | <b>135.7</b>      |
| 1513            | Proc. and preserving of fruits and vegetables                     | 21         | 109.2        | 109.2        | 109.2        | 109.2        | 110.2        | 110.2        | 121.6        | 121.6        | 121.6        | 121.6        | 121.6        | 121.6        | <b>115.6</b>      |
| 1514            | Manufacture of vegetable and animal oils and fats                 | 39         | 106.1        | 106.2        | 106.2        | 106.2        | 106.2        | 106.2        | 106.2        | 106.2        | 104.3        | 104.3        | 104.3        | 104.3        | <b>105.6</b>      |
| 1520            | Manufacture of dairy products                                     | 30         | 121.2        | 121.2        | 121.2        | 121.2        | 121.2        | 121.2        | 123.9        | 123.9        | 123.9        | 123.9        | 123.9        | 124.4        | <b>122.6</b>      |
| 1531            | Manufacture of grain mill products                                | 46         | 114.2        | 114.2        | 114.2        | 115.6        | 115.6        | 115.6        | 117.1        | 117.1        | 117.1        | 117.1        | 117.1        | 117.1        | <b>116.0</b>      |
| 1533            | Manufacture of prepared animal feeds                              | 43         | 120.5        | 120.5        | 120.5        | 120.5        | 120.5        | 120.5        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        | 129.8        | <b>125.2</b>      |
| 1541            | Manufacture of bakery products, of which                          | 22         | 108.6        | 108.6        | 108.6        | 109.9        | 109.9        | 109.9        | 109.9        | 109.9        | 109.9        | 118.1        | 118.1        | 118.1        | <b>111.6</b>      |
| 15411/<br>15412 | <i>Bread manufacturing with or without pastry</i>                 | 17         | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 118.6        | 118.6        | 118.6        | <b>110.7</b>      |
| 15413           | <i>Biscuits manufacturing</i>                                     | 5          | 110.5        | 110.5        | 110.5        | 116.4        | 116.4        | 116.4        | 116.4        | 116.4        | 116.4        | 116.4        | 116.4        | 116.4        | <b>114.9</b>      |
| 1542            | Manufacture of sugar  | 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        | <b>100.0</b>      |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | 108.0        | <b>108.0</b>      |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 108.1        | 108.1        | 108.1        | 108.8        | 108.8        | 108.8        | 108.8        | 116.3        | 116.3        | 116.3        | 116.3        | 116.3        | <b>111.7</b>      |
| 1549            | Manufacture of other food products                                | 8          | 97.8         | 96.1         | 95.7         | 99.2         | 98.2         | 98.2         | 97.2         | 97.8         | 99.7         | 100.3        | 100.3        | 101.2        | <b>98.5</b>       |
| <b>155/16</b>   | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>111.5</b> | <b>112.1</b> | <b>112.1</b> | <b>112.8</b> | <b>112.8</b> | <b>112.8</b> | <b>119.6</b> | <b>119.6</b> | <b>119.6</b> | <b>119.6</b> | <b>122.4</b> | <b>122.8</b> | <b>116.5</b>      |
| 1551            | Distilling, blending & bottling of spirit                         | 43         | 104.0        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 106.3        | 116.2        | 117.7        | <b>107.9</b>      |
| 1552            | Wine  | 11         | 126.9        | 126.9        | 126.9        | 137.1        | 137.1        | 137.1        | 138.9        | 138.9        | 138.9        | 138.9        | 138.9        | 138.9        | <b>135.5</b>      |
| 1553            | Beer  | 28         | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | 130.9        | <b>130.9</b>      |
| 1554            | Soft drinks   | 53         | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.8        | 104.8        | <b>104.5</b>      |
| 1600            | Manufacture of tobacco products                                   | 25         | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 110.7        | 153.5        | 153.5        | 153.5        | 153.5        | 153.5        | 153.5        | <b>132.1</b>      |
| <b>15/16</b>    | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>111.6</b> | <b>111.8</b> | <b>111.8</b> | <b>112.3</b> | <b>112.3</b> | <b>112.3</b> | <b>116.7</b> | <b>116.8</b> | <b>116.8</b> | <b>117.2</b> | <b>118.2</b> | <b>118.4</b> | <b>114.7</b>      |

**Table 7c - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, 2006**

Year 2003 = 100

| NSIC                    | Activity group  | Weight     | Jan-06       | Feb-06       | Mar-06       | Apr-06       | May-06       | Jun-06       | Jul-06       | Aug-06       | Sep-06       | Oct-06       | Nov-06       | Dec-06       | Average year 2006 |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>151-154</b>          | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>118.3</b> | <b>119.0</b> | <b>119.8</b> | <b>120.7</b> | <b>121.1</b> | <b>121.1</b> | <b>124.2</b> | <b>125.1</b> | <b>125.8</b> | <b>128.4</b> | <b>129.0</b> | <b>133.1</b> | <b>123.8</b>      |
| 1511                    | Production, processing and preservation of meat and meat products | 91         | 111.5        | 112.3        | 112.3        | 112.3        | 112.3        | 112.3        | 114.8        | 114.8        | 116.1        | 117.1        | 117.1        | 119.0        | <b>114.3</b>      |
| 1512                    | Proc. and preservation of fish and fish products                  | 7          | 141.1        | 151.3        | 151.3        | 151.7        | 151.7        | 151.7        | 151.7        | 151.7        | 154.4        | 156.4        | 156.4        | 156.4        | <b>152.2</b>      |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 21         | 121.3        | 123.5        | 123.5        | 125.0        | 125.0        | 125.0        | 125.8        | 125.8        | 129.7        | 129.7        | 129.7        | 129.7        | <b>126.2</b>      |
| 1514                    | Manufacture of vegetable and animal oils and fats                 | 39         | 105.1        | 105.3        | 105.6        | 105.6        | 106.1        | 106.1        | 110.5        | 110.5        | 110.8        | 111.0        | 112.8        | 112.8        | <b>108.5</b>      |
| 1520                    | Manufacture of dairy products                                     | 30         | 124.4        | 124.4        | 124.4        | 125.9        | 127.8        | 127.8        | 127.8        | 127.8        | 127.8        | 127.8        | 127.8        | 137.4        | <b>127.6</b>      |
| 1531                    | Manufacture of grain mill products                                | 46         | 122.0        | 122.0        | 122.0        | 125.1        | 125.1        | 125.1        | 126.2        | 129.6        | 129.6        | 132.5        | 134.9        | 134.9        | <b>127.4</b>      |
| 1533                    | Manufacture of prepared animal feeds                              | 43         | 129.8        | 129.8        | 135.4        | 135.4        | 135.4        | 135.4        | 135.4        | 135.4        | 135.4        | 148.9        | 148.9        | 170.4        | <b>139.6</b>      |
| 1541                    | Manufacture of bakery products, of which                          | 22         | 135.8        | 136.4        | 136.4        | 137.3        | 137.3        | 139.4        | 160.4        | 160.4        | 160.4        | 160.4        | 160.4        | 160.4        | <b>148.8</b>      |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing with or without pastry</i>                 | <i>17</i>  | <i>141.5</i> | <i>141.5</i> | <i>141.5</i> | <i>141.5</i> | <i>141.5</i> | <i>144.2</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>155.7</i>      |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>5</i>   | <i>116.4</i> | <i>118.8</i> | <i>118.8</i> | <i>123.1</i> | <i>123.1</i> | <i>123.1</i> | <i>129.8</i> | <i>129.8</i> | <i>129.8</i> | <i>129.8</i> | <i>129.8</i> | <i>129.8</i> | <i>125.2</i>      |
| 1542                    | Manufacture of sugar  | 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        | <b>100.0</b>      |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 108.0        | 108.0        | 108.0        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | <b>113.0</b>      |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 120.6        | 121.7        | 121.7        | 121.7        | 121.7        | 121.7        | 127.1        | 147.7        | 147.7        | 147.7        | 147.7        | 147.7        | <b>132.9</b>      |
| 1549                    | Manufacture of other food products                                | 8          | 100.1        | 101.1        | 102.9        | 108.0        | 113.0        | 110.2        | 113.3        | 113.4        | 113.5        | 114.5        | 117.3        | 114.0        | <b>110.1</b>      |
| <b>155/16</b>           | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>122.8</b> | <b>122.8</b> | <b>125.9</b> | <b>126.7</b> | <b>127.6</b> | <b>129.5</b> | <b>129.5</b> | <b>129.6</b> | <b>129.7</b> | <b>129.7</b> | <b>129.7</b> | <b>129.7</b> | <b>127.8</b>      |
| 1551                    | Distilling, blending & bottling of spirit                         | 43         | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 104.1        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | 104.4        | <b>109.9</b>      |
| 1552                    | Wine  | 11         | 138.9        | 138.9        | 138.9        | 145.8        | 145.8        | 153.7        | 153.7        | 153.7        | 153.7        | 153.7        | 153.7        | 153.7        | <b>148.7</b>      |
| 1553                    | Beer  | 28         | 130.9        | 130.9        | 148.9        | 148.9        | 148.9        | 156.3        | 156.3        | 156.3        | 156.3        | 156.3        | 156.3        | 156.3        | <b>150.2</b>      |
| 1554                    | Soft drinks   | 53         | 104.8        | 104.8        | 104.8        | 105.5        | 108.3        | 108.3        | 108.3        | 108.6        | 109.0        | 109.0        | 109.0        | 109.0        | <b>107.4</b>      |
| 1600                    | Manufacture of tobacco products                                   | 25         | 153.5        | 153.5        | 153.5        | 153.5        | 153.5        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | <b>167.4</b>      |
| <b>15/16</b>            | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>119.8</b> | <b>120.2</b> | <b>121.8</b> | <b>122.7</b> | <b>123.2</b> | <b>123.9</b> | <b>126.0</b> | <b>126.6</b> | <b>127.1</b> | <b>128.8</b> | <b>129.2</b> | <b>132.0</b> | <b>125.1</b>      |

**Table 7d - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, 2007**

Year 2003 = 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 |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>151-154</b>          | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>137.3</b> | <b>139.4</b> | <b>141.1</b> | <b>150.7</b> | <b>151.1</b> | <b>151.7</b> | <b>155.1</b> | <b>154.9</b> | <b>156.4</b> | <b>156.1</b> | <b>160.9</b> | <b>161.7</b> | <b>151.4</b>      |
| 1511                    | Production, processing and preservation of meat and meat products | 91         | 122.6        | 129.5        | 134.1        | 144.5        | 144.5        | 144.5        | 144.5        | 144.5        | 147.6        | 146.5        | 150.3        | 150.3        | <b>141.9</b>      |
| 1512                    | Proc. and preservation of fish and fish products                  | 7          | 160.3        | 164.6        | 164.6        | 164.8        | 164.8        | 164.8        | 164.5        | 164.5        | 164.5        | 164.0        | 164.0        | 164.0        | <b>164.1</b>      |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 21         | 132.1        | 132.1        | 132.1        | 132.0        | 132.9        | 132.9        | 145.8        | 145.8        | 145.8        | 145.8        | 145.8        | 145.8        | <b>139.1</b>      |
| 1514                    | Manufacture of vegetable and animal oils and fats                 | 39         | 137.5        | 137.5        | 137.5        | 139.9        | 140.6        | 140.6        | 154.7        | 155.4        | 155.4        | 155.4        | 165.8        | 165.8        | <b>148.8</b>      |
| 1520                    | Manufacture of dairy products                                     | 30         | 137.4        | 137.4        | 142.0        | 145.9        | 145.9        | 152.7        | 156.3        | 156.3        | 158.0        | 158.0        | 168.5        | 176.4        | <b>152.9</b>      |
| 1531                    | Manufacture of grain mill products                                | 46         | 134.9        | 134.9        | 134.9        | 176.9        | 178.4        | 178.4        | 181.1        | 178.4        | 182.4        | 182.4        | 178.4        | 178.4        | <b>168.3</b>      |
| 1533                    | Manufacture of prepared animal feeds                              | 43         | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 170.4        | 185.8        | 185.8        | <b>173.0</b>      |
| 1541                    | Manufacture of bakery products, of which                          | 22         | 160.1        | 160.1        | 160.1        | 161.0        | 161.0        | 161.0        | 163.0        | 163.6        | 163.6        | 163.6        | 163.6        | 163.6        | <b>162.0</b>      |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing with or without pastry</i>                 | <i>17</i>  | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>169.4</i> | <i>171.5</i> | <i>171.5</i> | <i>171.5</i> | <i>171.5</i> | <i>171.5</i> | <i>171.5</i> | <i>170.4</i>      |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>5</i>   | <i>128.4</i> | <i>128.4</i> | <i>128.4</i> | <i>132.4</i> | <i>132.4</i> | <i>132.4</i> | <i>134.3</i> | <i>136.8</i> | <i>136.8</i> | <i>136.8</i> | <i>136.8</i> | <i>136.8</i> | <i>133.4</i>      |
| 1542                    | Manufacture of sugar  | 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        | <b>100.0</b>      |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | <b>114.7</b>      |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 146.6        | 146.6        | 146.6        | 146.6        | 146.6        | 146.6        | 146.6        | 147.7        | 147.7        | 147.7        | 147.7        | 147.7        | <b>147.1</b>      |
| 1549                    | Manufacture of other food products                                | 8          | 114.4        | 115.3        | 115.3        | 115.3        | 115.2        | 115.4        | 116.2        | 116.9        | 116.7        | 116.2        | 116.4        | 117.9        | <b>115.9</b>      |
| <b>155/16</b>           | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>131.9</b> | <b>131.9</b> | <b>131.9</b> | <b>136.3</b> | <b>136.3</b> | <b>136.3</b> | <b>136.5</b> | <b>136.5</b> | <b>139.7</b> | <b>139.9</b> | <b>143.8</b> | <b>143.8</b> | <b>137.1</b>      |
| 1551                    | Distilling, blending & bottling of spirit                         | 43         | 112.2        | 112.2        | 112.2        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | 115.7        | <b>114.8</b>      |
| 1552                    | Wine  | 11         | 153.7        | 153.7        | 153.7        | 153.7        | 153.7        | 153.7        | 154.5        | 154.5        | 154.5        | 154.5        | 154.5        | 154.5        | <b>154.1</b>      |
| 1553                    | Beer  | 28         | 156.3        | 156.3        | 156.3        | 176.5        | 176.5        | 176.5        | 176.5        | 176.5        | 194.8        | 194.8        | 195.1        | 195.1        | <b>177.6</b>      |
| 1554                    | Soft drinks   | 53         | 109.0        | 109.0        | 109.0        | 109.0        | 109.0        | 109.0        | 109.3        | 109.3        | 109.3        | 109.8        | 121.6        | 121.6        | <b>111.2</b>      |
| 1600                    | Manufacture of tobacco products                                   | 25         | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | <b>177.3</b>      |
| <b>15/16</b>            | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>135.5</b> | <b>136.9</b> | <b>138.0</b> | <b>146.0</b> | <b>146.2</b> | <b>146.6</b> | <b>148.9</b> | <b>148.8</b> | <b>150.9</b> | <b>150.8</b> | <b>155.3</b> | <b>155.8</b> | <b>146.6</b>      |

**Table 7e - Food Products, Beverages and Tobacco: Monthly indices by NSIC Group, 2008**

|                         |   |            |              |              |              |              |              |              |              |              |              |              |              |              | Year 2003 = 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 |
| <b>151-154</b>          | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>177.1</b> | <b>180.5</b> | <b>184.2</b> | <b>186.5</b> | <b>186.9</b> | <b>186.5</b> | <b>190.1</b> | <b>192.2</b> | <b>197.3</b> | <b>200.7</b> | <b>202.0</b> | <b>201.3</b> | <b>190.4</b>      |
| 1511                    | Production, processing and preservation of meat and meat products | 91         | 153.6        | 155.8        | 159.5        | 161.9        | 161.9        | 161.9        | 165.6        | 165.6        | 172.3        | 172.3        | 172.3        | 169.7        | <b>164.3</b>      |
| 1512                    | Proc. and preservation of fish and fish products                  | 7          | 168.7        | 168.7        | 168.7        | 169.6        | 169.6        | 169.6        | 174.6        | 174.6        | 174.6        | 175.4        | 175.4        | 175.4        | <b>172.1</b>      |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 21         | 145.8        | 145.8        | 145.8        | 146.4        | 146.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | 152.4        | <b>149.8</b>      |
| 1514                    | Manufacture of vegetable and animal oils and fats                 | 39         | 165.8        | 165.8        | 191.3        | 192.0        | 192.9        | 192.9        | 192.3        | 193.3        | 193.3        | 193.7        | 192.3        | 192.3        | <b>188.2</b>      |
| 1520                    | Manufacture of dairy products                                     | 30         | 176.4        | 176.4        | 176.4        | 173.3        | 173.3        | 173.3        | 173.3        | 173.3        | 174.5        | 173.5        | 173.5        | 173.5        | <b>174.2</b>      |
| 1531                    | Manufacture of grain mill products                                | 46         | 263.9        | 254.4        | 250.7        | 263.9        | 265.3        | 260.1        | 255.5        | 269.0        | 277.7        | 301.7        | 312.7        | 312.7        | <b>274.0</b>      |
| 1533                    | Manufacture of prepared animal feeds                              | 43         | 185.8        | 215.6        | 215.6        | 215.6        | 215.6        | 215.6        | 215.6        | 215.6        | 229.9        | 229.9        | 229.9        | 229.9        | <b>217.9</b>      |
| 1541                    | Manufacture of bakery products, of which                          | 22         | 183.6        | 184.2        | 184.2        | 184.2        | 184.2        | 184.2        | 187.4        | 188.0        | 188.0        | 188.0        | 188.0        | 188.0        | <b>186.0</b>      |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing with or without pastry</i>                 | 17         | <i>196.0</i> | <i>196.0</i> | <i>196.0</i> | <i>196.0</i> | <i>196.0</i> | <i>196.0</i> | <i>200.1</i> | <i>200.1</i> | <i>200.1</i> | <i>200.1</i> | <i>200.1</i> | <i>200.1</i> | <i>198.0</i>      |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | 5          | <i>141.5</i> | <i>144.2</i> | <i>144.2</i> | <i>144.2</i> | <i>144.2</i> | <i>144.2</i> | <i>144.2</i> | <i>146.9</i> | <i>146.9</i> | <i>146.9</i> | <i>146.9</i> | <i>146.9</i> | <i>145.1</i>      |
| 1542                    | Manufacture of sugar  | 10         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 194.8        | 194.8        | 194.8        | 194.8        | 194.8        | 194.8        | <b>147.4</b>      |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 124.7        | 124.7        | 124.7        | 124.7        | 124.7        | <b>118.8</b>      |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 183.7        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | 184.9        | <b>184.8</b>      |
| 1549                    | Manufacture of other food products                                | 8          | 128.0        | 132.9        | 135.1        | 134.6        | 135.7        | 135.5        | 135.5        | 135.0        | 135.6        | 135.0        | 130.4        | 132.1        | <b>133.8</b>      |
| <b>155/16</b>           | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>149.4</b> | <b>149.4</b> | <b>149.4</b> | <b>151.1</b> | <b>151.2</b> | <b>151.2</b> | <b>151.4</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>160.6</b> | <b>154.7</b>      |
| 1551                    | Distilling, blending & bottling of spirit                         | 43         | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | 117.7        | <b>117.7</b>      |
| 1552                    | Wine  | 11         | 154.5        | 154.5        | 154.5        | 178.6        | 179.9        | 179.9        | 179.9        | 179.9        | 180.9        | 180.9        | 180.9        | 180.9        | <b>173.8</b>      |
| 1553                    | Beer  | 28         | 195.1        | 195.1        | 195.1        | 195.1        | 195.1        | 195.1        | 195.1        | 196.4        | 196.4        | 196.4        | 196.4        | 196.4        | <b>195.6</b>      |
| 1554                    | Soft drinks   | 53         | 136.8        | 136.8        | 136.8        | 136.8        | 136.8        | 136.8        | 137.5        | 164.5        | 164.5        | 164.5        | 164.5        | 164.5        | <b>148.4</b>      |
| 1600                    | Manufacture of tobacco products                                   | 25         | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | <b>177.3</b>      |
| <b>15/16</b>            | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>168.0</b> | <b>170.2</b> | <b>172.7</b> | <b>174.8</b> | <b>175.1</b> | <b>174.8</b> | <b>177.3</b> | <b>181.7</b> | <b>185.2</b> | <b>187.4</b> | <b>188.3</b> | <b>187.9</b> | <b>178.6</b>      |

**Table 8 - Food Products, Beverages and Tobacco: Quarterly indices by NSIC Group, 1st Quarter 2007 to 1st Quarter 2009**

Year 2003 = 100

| NSIC            | Activity group  | Weight     | 2007         |              |              |              | 2008         |              |              |              | 2009         | Percent changes (%) from |                          |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|
|                 |   |            | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 4th Qr. 08 to 1st Qr. 09 | 1st Qr. 08 to 1st Qr. 09 |
| <b>151-154</b>  | <b>Manufacture of Food products</b>                               | <b>324</b> | <b>139.3</b> | <b>151.2</b> | <b>155.5</b> | <b>159.6</b> | <b>180.6</b> | <b>186.7</b> | <b>193.2</b> | <b>201.3</b> | <b>186.9</b> | <b>-7.1</b>              | <b>3.5</b>               |
| 1511            | Production, processing and preservation of meat and meat products | 91         | 128.7        | 144.5        | 145.5        | 149.1        | 156.3        | 161.9        | 167.8        | 171.4        | 169.7        | -1.0                     | 8.6                      |
| 1512            | Proc. and preservation of fish and fish products                  | 7          | 163.2        | 164.8        | 164.5        | 164.0        | 168.7        | 169.6        | 174.6        | 175.4        | 203.0        | 15.8                     | 20.3                     |
| 1513            | Proc. and preserving of fruits and vegetables                     | 21         | 132.1        | 132.6        | 145.8        | 145.8        | 145.8        | 148.4        | 152.4        | 152.4        | 157.2        | 3.1                      | 7.8                      |
| 1514            | Manufacture of vegetable and animal oils and fats                 | 39         | 137.5        | 140.4        | 155.1        | 162.3        | 174.3        | 192.6        | 193.0        | 192.8        | 184.1        | -4.5                     | 5.7                      |
| 1520            | Manufacture of dairy products                                     | 30         | 138.9        | 148.2        | 156.8        | 167.6        | 176.4        | 173.3        | 173.7        | 173.5        | 170.3        | -1.9                     | -3.5                     |
| 1531            | Manufacture of grain mill products                                | 46         | 134.9        | 177.9        | 180.6        | 179.7        | 256.3        | 263.1        | 267.4        | 309.0        | 205.8        | -33.4                    | -19.7                    |
| 1533            | Manufacture of prepared animal feeds                              | 43         | 170.4        | 170.4        | 170.4        | 180.7        | 205.7        | 215.6        | 220.4        | 229.9        | 216.5        | -5.8                     | 5.3                      |
| 1541            | Manufacture of bakery products, of which                          | 22         | 160.1        | 161.0        | 163.4        | 163.6        | 184.0        | 184.2        | 187.8        | 188.0        | 188.0        | 0.0                      | 2.2                      |
| 15411/<br>15412 | <i>Bread manufacturing with or without pastry</i>                 | 17         | 169.4        | 169.4        | 171.5        | 171.5        | 196.0        | 196.0        | 200.1        | 200.1        | 200.1        | 0.0                      | 2.1                      |
| 15413           | <i>Biscuits manufacturing</i>                                     | 5          | 128.4        | 132.4        | 136.0        | 136.8        | 143.3        | 144.2        | 146.0        | 146.9        | 146.9        | 0.0                      | 2.5                      |
| 1542            | Manufacture of sugar  | 10         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 194.8        | 194.8        | 289.8        | 48.8                     | 189.8                    |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 1          | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 114.7        | 121.3        | 124.7        | 124.7        | 0.0                      | 8.7                      |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 146.6        | 146.6        | 147.4        | 147.7        | 184.5        | 184.9        | 184.9        | 184.9        | 184.9        | 0.0                      | 0.2                      |
| 1549            | Manufacture of other food products                                | 8          | 115.0        | 115.3        | 116.6        | 116.8        | 132.0        | 135.3        | 135.3        | 132.5        | 134.2        | 1.3                      | 1.7                      |
| <b>155/16</b>   | <b>Manufacture of Beverages and Tobacco</b>                       | <b>160</b> | <b>131.9</b> | <b>136.3</b> | <b>137.6</b> | <b>142.5</b> | <b>149.4</b> | <b>151.1</b> | <b>157.5</b> | <b>160.6</b> | <b>161.0</b> | <b>0.3</b>               | <b>7.8</b>               |
| 1551            | Distilling, blending & bottling of spirit                         | 43         | 112.2        | 115.7        | 115.7        | 115.7        | 117.7        | 117.7        | 117.7        | 117.7        | 118.3        | 0.5                      | 0.5                      |
| 1552            | Wine  | 11         | 153.7        | 153.7        | 154.5        | 154.5        | 154.5        | 179.5        | 180.2        | 180.9        | 182.7        | 1.0                      | 18.2                     |
| 1553            | Beer  | 28         | 156.3        | 176.5        | 182.6        | 195.0        | 195.1        | 195.1        | 195.9        | 196.4        | 196.4        | 0.0                      | 0.7                      |
| 1554            | Soft drinks   | 53         | 109.0        | 109.0        | 109.3        | 117.6        | 136.8        | 136.8        | 155.5        | 164.5        | 164.9        | 0.3                      | 20.6                     |
| 1600            | Manufacture of tobacco products                                   | 25         | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 177.3        | 0.0                      | 0.0                      |
| <b>15/16</b>    | <b>Manufacture of Food, Beverages and Tobacco</b>                 | <b>484</b> | <b>136.8</b> | <b>146.3</b> | <b>149.6</b> | <b>153.9</b> | <b>170.3</b> | <b>174.9</b> | <b>181.4</b> | <b>187.9</b> | <b>178.4</b> | <b>-5.0</b>              | <b>4.8</b>               |

**Table 9a - Monthly indices for the Manufacturing Sector, January 2003 - March 2009**  
*(Base: Year 2003 = 100)*

| Month                           | 2003                | 2004                | 2005                | 2006                | 2007                | 2008                | 2009                |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| January                         | 98.4                | 103.3               | 113.3               | 120.9               | 136.5               | 160.8               | 173.0               |
| February                        | 98.5                | 103.8               | 113.7               | 121.2               | 137.9               | 162.0               | 170.3               |
| March                           | 98.8                | 104.5               | 113.7               | 122.3               | 138.6               | 163.3               | 170.7               |
| <b><i>1st quarter</i></b>       | <b><i>98.6</i></b>  | <b><i>103.9</i></b> | <b><i>113.6</i></b> | <b><i>121.5</i></b> | <b><i>137.7</i></b> | <b><i>162.0</i></b> | <b><i>171.3</i></b> |
| April                           | 99.1                | 105.3               | 113.9               | 123.4               | 143.8               | 165.4               |                     |
| May                             | 99.3                | 105.6               | 114.3               | 124.8               | 143.9               | 165.6               |                     |
| June                            | 99.5                | 107.8               | 114.1               | 126.1               | 147.8               | 165.7               |                     |
| <b><i>2nd quarter</i></b>       | <b><i>99.3</i></b>  | <b><i>106.2</i></b> | <b><i>114.1</i></b> | <b><i>124.8</i></b> | <b><i>145.2</i></b> | <b><i>165.6</i></b> |                     |
| July                            | 99.7                | 108.5               | 116.6               | 128.0               | 149.4               | 170.1               |                     |
| August                          | 100.3               | 109.2               | 116.4               | 129.0               | 149.3               | 174.3               |                     |
| September                       | 101.0               | 110.0               | 116.3               | 129.8               | 151.1               | 176.8               |                     |
| <b><i>3rd quarter</i></b>       | <b><i>100.3</i></b> | <b><i>109.2</i></b> | <b><i>116.4</i></b> | <b><i>128.9</i></b> | <b><i>150.0</i></b> | <b><i>173.7</i></b> |                     |
| October                         | 101.6               | 110.1               | 117.4               | 130.4               | 152.1               | 179.2               |                     |
| November                        | 101.7               | 110.6               | 117.9               | 132.5               | 153.0               | 177.0               |                     |
| December                        | 102.1               | 110.9               | 119.0               | 134.3               | 153.9               | 176.2               |                     |
| <b><i>4th quarter</i></b>       | <b><i>101.8</i></b> | <b><i>110.5</i></b> | <b><i>118.1</i></b> | <b><i>132.4</i></b> | <b><i>153.0</i></b> | <b><i>177.5</i></b> |                     |
| <b>Yearly average</b>           | <b>100.0</b>        | <b>107.5</b>        | <b>115.5</b>        | <b>126.9</b>        | <b>146.4</b>        | <b>169.7</b>        |                     |
| <b><i>Annual change (%)</i></b> |                     | <b>7.5</b>          | <b>7.5</b>          | <b>9.8</b>          | <b>15.4</b>         | <b>15.9</b>         |                     |

**Table 9b - Comparative monthly indices for the Manufacturing Sector, January 1998 - March 2009<sup>1</sup>**  
*(Base: Year 2003=100)*

| Month                    | 1998        | 1999        | 2000        | 2001        | 2002        | 2003         | 2004         | 2005         | 2006         | 2007         | 2008         | 2009  |
|--------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| <b>January</b>           | 81.0        | 84.3        | 86.1        | 89.8        | 94.6        | 98.4         | 103.3        | 113.3        | 120.9        | 136.5        | 160.8        | 173.0 |
| <b>February</b>          | 81.1        | 84.3        | 87.0        | 90.1        | 94.7        | 98.5         | 103.8        | 113.7        | 121.2        | 137.9        | 162.0        | 170.3 |
| <b>March</b>             | 81.2        | 84.5        | 86.4        | 90.4        | 94.8        | 98.8         | 104.5        | 113.7        | 122.3        | 138.6        | 163.3        | 170.7 |
| <b>April</b>             | 81.7        | 85.1        | 86.1        | 90.7        | 95.0        | 99.1         | 105.3        | 113.9        | 123.4        | 143.8        | 165.4        |       |
| <b>May</b>               | 81.8        | 85.2        | 86.2        | 90.7        | 95.0        | 99.3         | 105.6        | 114.3        | 124.8        | 143.9        | 165.6        |       |
| <b>June</b>              | 83.4        | 85.8        | 86.0        | 91.2        | 95.0        | 99.5         | 107.8        | 114.1        | 126.1        | 147.8        | 165.7        |       |
| <b>July</b>              | 83.8        | 85.2        | 86.8        | 92.0        | 96.2        | 99.7         | 108.5        | 116.6        | 128.0        | 149.4        | 170.1        |       |
| <b>August</b>            | 84.5        | 85.2        | 86.8        | 92.7        | 96.4        | 100.3        | 109.2        | 116.4        | 129.0        | 149.3        | 174.3        |       |
| <b>September</b>         | 84.3        | 85.3        | 86.6        | 92.6        | 96.3        | 101.0        | 110.0        | 116.3        | 129.8        | 151.1        | 176.8        |       |
| <b>October</b>           | 84.5        | 85.4        | 87.2        | 92.9        | 96.8        | 101.6        | 110.1        | 117.4        | 130.4        | 152.1        | 179.2        |       |
| <b>November</b>          | 84.6        | 85.4        | 87.3        | 93.5        | 96.8        | 101.7        | 110.6        | 117.9        | 132.5        | 153.0        | 177.0        |       |
| <b>December</b>          | 84.6        | 85.4        | 87.6        | 93.9        | 97.3        | 102.1        | 110.9        | 119.0        | 134.3        | 153.9        | 176.2        |       |
| <b>Yearly average</b>    | <b>83.0</b> | <b>85.1</b> | <b>86.7</b> | <b>91.7</b> | <b>95.7</b> | <b>100.0</b> | <b>107.5</b> | <b>115.5</b> | <b>126.9</b> | <b>146.4</b> | <b>169.7</b> |       |
| <b>Annual change (%)</b> |             | <b>2.5</b>  | <b>1.9</b>  | <b>5.8</b>  | <b>4.4</b>  | <b>4.5</b>   | <b>7.5</b>   | <b>7.5</b>   | <b>9.8</b>   | <b>15.4</b>  | <b>15.9</b>  |       |

<sup>1</sup> The indices for January 1998 to December 2002 originally based on 1998 have been converted to the new base 2003=100

**Table 10a - Monthly sub-indices for the Food Products, Beverages and Tobacco sub-group,  
January 2003 - March 2009**

*(Base: Year 2003 = 100)*

| Month                    | 2003         | 2004         | 2005         | 2006         | 2007         | 2008         | 2009         |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| January                  | 97.9         | 104.4        | 111.6        | 119.8        | 135.5        | 168.0        | 181.5        |
| February                 | 98.1         | 105.2        | 111.8        | 120.2        | 136.9        | 170.2        | 176.5        |
| March                    | 98.6         | 106.5        | 111.8        | 121.8        | 138.0        | 172.7        | 177.2        |
| <i>1st quarter</i>       | <i>98.2</i>  | <i>105.4</i> | <i>111.7</i> | <i>120.6</i> | <i>136.8</i> | <i>170.3</i> | <i>178.4</i> |
| April                    | 99.2         | 107.2        | 112.3        | 122.7        | 146.0        | 174.8        |              |
| May                      | 99.7         | 107.7        | 112.3        | 123.2        | 146.2        | 175.1        |              |
| June                     | 99.8         | 108.5        | 112.3        | 123.9        | 146.6        | 174.8        |              |
| <i>2nd quarter</i>       | <i>99.6</i>  | <i>107.8</i> | <i>112.3</i> | <i>123.3</i> | <i>146.3</i> | <i>174.9</i> |              |
| July                     | 99.9         | 108.9        | 116.7        | 126.0        | 148.9        | 177.3        |              |
| August                   | 100.4        | 109.3        | 116.8        | 126.6        | 148.8        | 181.7        |              |
| September                | 100.5        | 110.6        | 116.8        | 127.1        | 150.9        | 185.2        |              |
| <i>3rd quarter</i>       | <i>100.2</i> | <i>109.6</i> | <i>116.8</i> | <i>126.5</i> | <i>149.6</i> | <i>181.4</i> |              |
| October                  | 101.7        | 110.3        | 117.2        | 128.8        | 150.8        | 187.4        |              |
| November                 | 101.8        | 110.7        | 118.2        | 129.2        | 155.3        | 188.3        |              |
| December                 | 102.6        | 111.4        | 118.4        | 132.0        | 155.8        | 187.9        |              |
| <i>4th quarter</i>       | <i>102.0</i> | <i>110.8</i> | <i>117.9</i> | <i>130.0</i> | <i>153.9</i> | <i>187.9</i> |              |
| <b>Yearly average</b>    | <b>100.0</b> | <b>108.4</b> | <b>114.7</b> | <b>125.1</b> | <b>146.6</b> | <b>178.6</b> |              |
| <i>Annual change (%)</i> |              | <b>8.4</b>   | <b>5.8</b>   | <b>9.1</b>   | <b>17.2</b>  | <b>21.8</b>  |              |

**Table 10b- Monthly sub-indices for the Food Products, Beverages and Tobacco sub-group, January 1993 - March 2009<sup>1</sup>**  
*(Base: Year 2003=100)*

| Month                    | 1993        | 1994        | 1995        | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        | 2002        | 2003         | 2004         | 2005         | 2006         | 2007         | 2008         | 2009  |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| <b>January</b>           | 56.9        | 61.2        | 63.8        | 70.2        | 73.8        | 78.4        | 83.1        | 85.0        | 89.1        | 94.1        | 97.9         | 104.4        | 111.6        | 119.8        | 135.5        | 168.0        | 181.5 |
| <b>February</b>          | 56.9        | 61.3        | 64.3        | 70.3        | 73.8        | 78.6        | 83.1        | 86.7        | 89.1        | 94.1        | 98.1         | 105.2        | 111.8        | 120.2        | 136.9        | 170.2        | 176.5 |
| <b>March</b>             | 56.9        | 61.5        | 65.6        | 70.6        | 74.3        | 78.8        | 83.0        | 85.7        | 89.9        | 94.1        | 98.6         | 106.5        | 111.8        | 121.8        | 138.0        | 172.7        | 177.2 |
| <b>April</b>             | 57.2        | 61.5        | 65.8        | 71.0        | 74.3        | 79.9        | 83.7        | 85.5        | 90.2        | 94.3        | 99.2         | 107.2        | 112.3        | 122.7        | 146.0        | 174.8        |       |
| <b>May</b>               | 57.8        | 62.4        | 65.9        | 71.2        | 74.3        | 79.9        | 83.7        | 85.4        | 90.2        | 94.3        | 99.7         | 107.7        | 112.3        | 123.2        | 146.2        | 175.1        |       |
| <b>June</b>              | 58.7        | 62.3        | 66.0        | 72.5        | 78.1        | 83.1        | 85.0        | 84.8        | 91.2        | 94.4        | 99.8         | 108.5        | 112.3        | 123.9        | 146.6        | 174.8        |       |
| <b>July</b>              | 59.0        | 62.6        | 66.0        | 74.7        | 78.7        | 83.4        | 83.9        | 85.8        | 92.1        | 95.1        | 99.9         | 108.9        | 116.7        | 126.0        | 148.9        | 177.3        |       |
| <b>August</b>            | 59.1        | 62.8        | 67.8        | 75.2        | 78.7        | 84.3        | 83.9        | 85.8        | 92.1        | 95.7        | 100.4        | 109.3        | 116.8        | 126.6        | 148.8        | 181.7        |       |
| <b>September</b>         | 59.8        | 62.8        | 67.9        | 75.5        | 78.5        | 83.6        | 83.9        | 85.6        | 92.1        | 95.7        | 100.5        | 110.6        | 116.8        | 127.1        | 150.9        | 185.2        |       |
| <b>October</b>           | 60.4        | 62.9        | 68.1        | 75.5        | 78.6        | 83.7        | 84.0        | 86.0        | 92.1        | 95.9        | 101.7        | 110.3        | 117.2        | 128.8        | 150.8        | 187.4        |       |
| <b>November</b>          | 60.4        | 62.9        | 68.1        | 75.6        | 78.7        | 83.8        | 84.0        | 86.2        | 93.2        | 95.9        | 101.8        | 110.7        | 118.2        | 129.2        | 155.3        | 188.3        |       |
| <b>December</b>          | 61.3        | 62.9        | 68.1        | 75.8        | 78.9        | 83.8        | 84.1        | 86.7        | 93.9        | 96.3        | 102.6        | 111.4        | 118.4        | 132.0        | 155.8        | 187.9        |       |
| <b>Yearly average</b>    | <b>58.7</b> | <b>62.3</b> | <b>66.5</b> | <b>73.2</b> | <b>76.7</b> | <b>81.8</b> | <b>83.8</b> | <b>85.8</b> | <b>91.2</b> | <b>95.0</b> | <b>100.0</b> | <b>108.4</b> | <b>114.7</b> | <b>125.1</b> | <b>146.6</b> | <b>178.6</b> |       |
| <b>Annual change (%)</b> |             | <b>6.1</b>  | <b>6.7</b>  | <b>10.1</b> | <b>4.9</b>  | <b>6.6</b>  | <b>2.5</b>  | <b>2.4</b>  | <b>6.4</b>  | <b>4.1</b>  | <b>5.3</b>   | <b>8.4</b>   | <b>5.8</b>   | <b>9.1</b>   | <b>17.2</b>  | <b>21.8</b>  |       |

<sup>1</sup> The indices for January 1993 to December 1997 originally based on 1993, and January 1998 to December 2002 based on 1998 have been converted to the new base 2003=100

## **Producer Price Index – Manufacturing (PPI-M)**

### **Methodology for the Construction of the 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. It normally refers to a family of indices which includes:

- (i) Industry output prices indices
- (ii) Detailed commodity price indices, and,
- (iii) Stage-of-processing prices indices

The emphasis of the PPI program is the production of Industry output price indices which will reflect the price trends of a constant basket of goods representative of the total output of an industry. The concepts and definitions of the PPIs largely follow internationally accepted standards.

#### **2. Scope**

The PPI-M covers all large manufacturing establishments (that is those employing 10 or more persons) falling in divisions 15 to 37 of the National Standard Industrial Classification of Economic Activities (NSIC), whose output is mainly sold on the domestic market.

#### **3. Price 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.

Selected industries are visited on a quarterly basis, but prices are collected for each month of the quarter.

#### **4. Weighting Scheme**

The weights have been calculated from the gross output figures derived from the 2002 Census of Economic Activities. Gross output is valued at basic prices, and thus excludes all taxes on products, namely excise duties and value added tax. The weight of a product group represents the share of its gross output out of the total output of the sector.

In the case of sugar, only the sale on the local market has been taken into consideration in establishing the weights.

## 5. Selection of products

The basket consists of 75 producers and 220 varieties. Selection of the commodities included in the basket is proportional to the output of the enterprises selected during the first stage. In the second stage, the list of commodities to be priced is finalized; prevalence being given to those products representative of the output of the industry and that are produced on a continuous basis. Detailed specifications (name, description, brand, weight, size, etc.) of the selected products are obtained from the enterprises.

## 6. Reference Year

PPI-M has 2003 as reference period and is based on 2002 weights. It is considered that, given the relative stability of the sector, the price changes that have been observed would not significantly affect the relative weights of the different categories in the PPI-M.

The base price for a particular product is the arithmetic mean of the 12 monthly prices in 2003.

## 7. Index Calculation

The PPI-M is calculated at the 5-digits level of NSIC. Indices at the Division level (2 digits NSIC) are then derived as a weighted average of the indices of the products falling within each division. Finally, the overall index for manufacturing is obtained as a weighted average of the Division indices.

The PPI is calculated according to a modified Laspeyre's formula, which is the weighted average of price relatives.

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

where  $I_c$  = Index for current month

$W_i$  = Weight associated with product  $i$

$P_{ci}$  = Price of product  $i$  for the current month

$P_{oi}$  = Price for product  $i$  for the reference period (2003)

## **8. 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. The PPI provides specific price deflators for the computation of national accounts at constant prices in order to measure real growth
- c. The PPI will be 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.

## **9. Missing Prices**

Prices for temporarily missing products, movement of similar items in the group is analyzed, and if it is found unchanged, the price is carried forward for a quarter.

## **10. Reliability of the PPI**

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.

The results are analyzed and monthly changes or comparisons with same month of previous year are undertaken. Comparisons are made with the CPI or 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.