

**PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)  
3rd Quarter 2004**

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# PRODUCER PRICE INDEX - MANUFACTURING (PPI-M)

3rd Quarter 2004

## 1. Introduction

The Producer Price Index (PPI-M) measures changes in the effective prices received by producers for that part of their output, which is sold on the domestic market. It reflects the price trends of a constant basket of goods which represent the output of the selected industries.

The Central Statistics Office first published a Producer Price Index for the manufacturing sector (Non-EPZ) in March 1994, with 1993 as reference period, but the coverage was then limited to the "Manufacture of food products, beverages and tobacco". The index has been revised in June 2002 to cover all relevant industry groups of the Non-EPZ manufacturing sector. However, figures according to this revision have been compiled since the base year, i.e. 1998.

This issue of the "Economic and Social Indicators" presents the Producer Price Indices for the manufacturing sector from 1998 up to the third quarter of 2004, broken down by 14 Divisions (2-digits level of the National Standard Industrial Classification of Economic Activities, NSIC). Producer Price Indices for Divisions 15 and 16, "Manufacture of food products, beverages and tobacco", have been further subdivided by product group level and are given separately in Tables 5 to 8. Table 9 summarises the monthly indices for the manufacturing sector and Table 10, monthly sub-indices for the group "Manufacture of food products, beverages and tobacco". The methodology used for the calculation of the index is given in annex.

## 2. Producer Price Index (Year 1998=100)

### 2.1 Monthly index

The Producer Price Index for manufacturing, which stood at 130.4 in June 2004, increased by 0.8% in July, 0.4% in August and 0.6% in September to reach 132.9 (Table1).

In July, the sub-index for "Food products, beverages and tobacco", which accounts for nearly 50% of the total weight, increased by 0.5%. This was mainly due to increases in the prices of grain mill products (+1.6%), bakery products (+0.6%), fish and fish products (+3.0%) and fruits and vegetables (+1.8%). Increases were also registered in the following: "Paper and paper products" (+0.2%), "Publishing, printing and reproduction of recorded media" (+3.3%), "Chemicals and chemical products" (+1.7%), "Rubber and plastic products" (+0.8%), "Fabricated metal products" (+2.7%) and "Manufacture of furniture, and manufacturing n.e.c." (+1.5%).

In August, the overall index increased by 0.4% as a result of increases in the sub-indices of "Food products, beverages and tobacco" (+0.2%), "Chemicals and chemical products" (+2.4%) and "Manufacture of furniture, and manufacturing n.e.c." (+4.1%). Within "Food products, beverages and tobacco" prices of dairy products rose by 3.7% and other food products by 0.8%.

The 0.6% rise in the overall index in September is explained by increases in the sub-indices of "Manufacture of food products, beverages and tobacco" (+0.7%), "Manufacture of chemicals and chemical products" (+1.7%) and "Manufacture of other non-metallic mineral products" (+0.3%). Details of changes by activity group are given in Tables 1 and 5.

The evolution of the monthly index by NSIC group for the period 1998 to 2003 is shown in Tables 2, 3, 6 and 7.

## 2.2 *Quarterly Index*

Table 4 gives the evolution of the Producer Price Index for manufacturing on a quarterly basis, the quarterly index being computed as the arithmetic mean of the monthly indices. The index, which stood at 128.3 in the second quarter of 2004, rose by 3.0% to reach 132.1 during the third quarter 2004. This growth was mostly the overall effect of increases in the sub-indices of "Manufacture of food products, beverages and tobacco" (+2.1%) and "Manufacture of basic metals" (+23.3%).

The "Food, beverages and tobacco" product group registered an increase of 2.1%. Within this group, the index for "Food products" went up by 1.5%, mainly due to price increases of oils and fats (+1.1%), grain mill products (+4.4%) and dairy products (+2.5%) whilst the index for "Beverages and tobacco" rose by 2.9% mainly following significant increases in the prices of beer (+10.4%) and wine (+9.0%). Other changes are shown in Table 8.

Compared to the corresponding quarter of 2003, the overall index for the third quarter of 2004 went up by 9.1%. Significant increases were registered in the following industry groups: "Manufacture of food products, beverages and tobacco" (+10.3%), "Manufacture of chemicals and chemical products" (+8.0%), and "Manufacture of basic metals" (+42.8%). The only two industry groups that witnessed decreases were "Manufacture of textiles" (-6.0%) and "Manufacture of paper and paper products" (-0.9%).

Within "Manufacture of food products, beverages and tobacco" there was an increase of 10.6% in "Manufacture of food products" and another 10.1% in "Manufacture of beverages and tobacco". At a more detailed level there were significant increases in prices of fish and fish products (+39.1%), grain mill products (+23.8%), prepared animal feeds (+17.0%) and beer (+33.3%). Other details on changes that have occurred during that period are given in Tables 4 and 8.

**Central Statistics Office**  
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**Table 1 - Monthly Indices by NSIC Group, January 2004 to September 2004 - Manufacturing Sector**

**Year 1998 = 100**

| NSIC           | Activity group  | Wt.         | Jan-04       | Feb-04       | Mar-04       | Apr-04       | May-04       | Jun-04       | Jul-04       | Aug-04       | Sep-04       | Percent changes (%) from |                  |                   |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|------------------|-------------------|
|                |   |             |              |              |              |              |              |              |              |              |              | Jun 04 to Jul 04         | Jul 04 to Aug 04 | Aug 04 to Sept 04 |
| 15/16          | Manufacture of food products, beverages and tobacco                 | 487         | 126.7        | 128.0        | 129.5        | 131.7        | 132.3        | 134.5        | 135.1        | 135.3        | 136.3        | 0.5                      | 0.2              | 0.7               |
| 17             | Manufacture of textiles   | 13          | 116.6        | 116.6        | 116.6        | 116.6        | 116.6        | 116.6        | 116.6        | 116.6        | 116.6        | 0.0                      | 0.0              | 0.0               |
| 18             | Manufacture of wearing apparel                                      | 29          | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 0.0                      | 0.0              | 0.0               |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | 10          | 114.8        | 114.8        | 114.8        | 120.3        | 120.3        | 120.3        | 120.3        | 120.3        | 120.3        | 0.0                      | 0.0              | 0.0               |
| 20             | Manufacture of wood, wood products and cork except furniture        | 4           | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 116.0        | 0.0                      | 0.0              | 0.0               |
| 21             | Manufacture of paper and paper products                             | 24          | 106.0        | 105.7        | 105.7        | 107.2        | 107.2        | 107.2        | 107.4        | 107.4        | 107.4        | 0.2                      | 0.0              | 0.0               |
| 22             | Publishing, printing and reproduction of recorded media             | 68          | 127.7        | 127.7        | 127.7        | 127.7        | 127.7        | 127.7        | 131.9        | 131.9        | 131.9        | 3.3                      | 0.0              | 0.0               |
| 24             | Manufacture of chemicals and chemical products                      | 116         | 117.3        | 118.3        | 118.3        | 119.3        | 119.3        | 119.3        | 121.3        | 124.2        | 126.3        | 1.7                      | 2.4              | 1.7               |
| 25             | Manufacture of rubber and plastic products                          | 30          | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 104.4        | 105.2        | 105.2        | 105.2        | 0.8                      | 0.0              | 0.0               |
| 26             | Manufacture of other non-metallic mineral products                  | 93          | 139.4        | 139.4        | 139.4        | 139.4        | 139.4        | 139.4        | 139.4        | 139.4        | 139.8        | 0.0                      | 0.0              | 0.3               |
| 27             | Manufacture of basic metals   | 37          | 127.9        | 127.9        | 127.9        | 127.9        | 127.9        | 178.6        | 178.6        | 178.6        | 178.6        | 0.0                      | 0.0              | 0.0               |
| 28             | Manufacture of fabricated metal products                            | 50          | 108.3        | 110.5        | 110.5        | 115.9        | 115.9        | 116.7        | 119.8        | 119.8        | 119.8        | 2.7                      | 0.0              | 0.0               |
| 31             | Manufacture of electrical machinery and apparatus                   | 12          | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 0.0                      | 0.0              | 0.0               |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | 27          | 135.2        | 135.2        | 135.2        | 135.2        | 135.2        | 135.2        | 137.2        | 142.8        | 142.8        | 1.5                      | 4.1              | 0.0               |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>123.9</b> | <b>124.8</b> | <b>125.5</b> | <b>127.0</b> | <b>127.4</b> | <b>130.4</b> | <b>131.5</b> | <b>132.1</b> | <b>132.9</b> | <b>0.8</b>               | <b>0.4</b>       | <b>0.6</b>        |

**Table 2 - Monthly Indices by NSIC Group for the base period (Year 1998) - Manufacturing Sector**

| NSIC           | Activity group  | Wt.         | Jan-98      | Feb-98      | Mar-98      | Apr-98      | May-98      | Jun-98       | Jul-98       | Aug-98       | Sep-98       | Oct-98       | Nov-98       | Dec-98       | Average year |
|----------------|---|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | 487         | 95.9        | 96.1        | 96.4        | 97.7        | 97.7        | 101.6        | 101.9        | 103.1        | 102.3        | 102.4        | 102.5        | 102.5        | 100.0        |
| 17             | Manufacture of textiles   | 13          | 100.4       | 100.4       | 100.4       | 100.4       | 100.4       | 100.4        | 100.4        | 100.4        | 99.2         | 99.2         | 99.2         | 99.2         | 100.0        |
| 18             | Manufacture of wearing apparel                                      | 29          | 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. | 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        |
| 20             | Manufacture of wood, wood products and cork except furniture        | 4           | 98.9        | 98.9        | 98.9        | 99.4        | 99.4        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.0        |
| 21             | Manufacture of paper and paper products                             | 24          | 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        |
| 22             | Pub., printing and reproduction of recorded media                   | 68          | 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        |
| 24             | Manufacture of chemicals and chemical products                      | 116         | 98.2        | 98.2        | 98.2        | 98.2        | 98.2        | 98.8         | 101.2        | 101.2        | 100.5        | 102.4        | 102.6        | 102.6        | 100.0        |
| 25             | Manufacture of rubber and plastic products                          | 30          | 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             | Man. of other non-metallic mineral products                         | 93          | 98.0        | 98.0        | 98.0        | 98.0        | 98.0        | 98.0         | 98.0         | 100.6        | 103.4        | 103.4        | 103.4        | 103.4        | 100.0        |
| 27             | Manufacture of basic metals   | 37          | 100.5       | 100.5       | 100.5       | 100.5       | 100.5       | 100.5        | 100.5        | 100.5        | 99.0         | 99.0         | 99.0         | 99.0         | 100.0        |
| 28             | Manufacture of fabricated metal products                            | 50          | 99.4        | 99.4        | 99.4        | 99.4        | 100.5       | 100.5        | 100.5        | 100.5        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| 31             | Man. of electrical machinery and apparatus                          | 12          | 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             | Man. of furniture, and manufacturing n.e.c.                         | 27          | 98.0        | 98.0        | 98.0        | 98.0        | 98.0        | 99.3         | 99.3         | 99.3         | 103.0        | 103.0        | 103.0        | 103.0        | 100.0        |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>97.5</b> | <b>97.6</b> | <b>97.8</b> | <b>98.4</b> | <b>98.5</b> | <b>100.5</b> | <b>100.9</b> | <b>101.7</b> | <b>101.5</b> | <b>101.8</b> | <b>101.9</b> | <b>101.9</b> | <b>100.0</b> |

**Table 3a - Monthly Indices by NSIC Group, 1999 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | Jan-99       | Feb-99       | Mar-99       | Apr-99       | May-99       | Jun-99       | Jul-99       | Aug-99       | Sep-99       | Oct-99       | Nov-99       | Dec-99       | Average year |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | 487         | 101.7        | 101.6        | 101.5        | 102.4        | 102.4        | 103.9        | 102.6        | 102.6        | 102.6        | 102.7        | 102.7        | 102.8        | <b>102.5</b> |
| 17             | Manufacture of textiles   | 13          | 99.2         | 99.2         | 99.2         | 99.2         | 99.2         | 99.2         | 99.0         | 99.0         | 99.0         | 98.5         | 98.5         | 98.5         | <b>99.0</b>  |
| 18             | Manufacture of wearing apparel                                      | 29          | 102.2        | 102.2        | 102.2        | 102.2        | 102.2        | 102.2        | 102.2        | 102.2        | 104.9        | 104.9        | 104.9        | 104.9        | <b>103.1</b> |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | 10          | 100.0        | 100.0        | 100.5        | 100.5        | 100.5        | 100.5        | 98.2         | 98.2         | 98.2         | 100.2        | 99.6         | 99.6         | <b>99.7</b>  |
| 20             | Manufacture of wood, wood products and cork except furniture        | 4           | 101.7        | 101.7        | 103.5        | 103.5        | 103.5        | 103.5        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | <b>101.8</b> |
| 21             | Manufacture of paper and paper products                             | 24          | 101.6        | 101.7        | 102.3        | 102.3        | 102.3        | 102.3        | 100.5        | 100.5        | 100.5        | 100.6        | 101.2        | 101.2        | <b>101.4</b> |
| 22             | Pub., printing and reproduction of recorded media                   | 68          | 103.3        | 103.3        | 103.3        | 103.3        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | <b>104.6</b> |
| 24             | Manufacture of chemicals and chemical products                      | 116         | 102.9        | 102.9        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | <b>104.4</b> |
| 25             | Manufacture of rubber and plastic products                          | 30          | 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> |
| 26             | Manufacture of other non-metallic mineral products                  | 93          | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | <b>100.6</b> |
| 27             | Manufacture of basic metals   | 37          | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | <b>99.0</b>  |
| 28             | Manufacture of fabricated metal products                            | 50          | 98.9         | 98.9         | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | <b>100.2</b> |
| 31             | Manufacture of electrical machinery and apparatus                   | 12          | 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> |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | 27          | 103.5        | 103.5        | 103.5        | 113.3        | 113.3        | 113.3        | 113.3        | 113.3        | 115.2        | 115.2        | 115.2        | 115.2        | <b>111.5</b> |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>101.5</b> | <b>101.5</b> | <b>101.8</b> | <b>102.4</b> | <b>102.6</b> | <b>103.3</b> | <b>102.6</b> | <b>102.6</b> | <b>102.7</b> | <b>102.8</b> | <b>102.8</b> | <b>102.9</b> | <b>102.5</b> |

**Table 3b - Monthly Indices by NSIC Group, 2000 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | Jan-00       | Feb-00       | Mar-00       | Apr-00       | May-00       | Jun-00       | Jul-00       | Aug-00       | Sep-00       | Oct-00       | Nov-00       | Dec-00       | Average year |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | 487         | 103.9        | 106.0        | 104.7        | 104.5        | 104.4        | 103.7        | 104.9        | 104.9        | 104.6        | 105.2        | 105.4        | 106.0        | <b>104.9</b> |
| 17             | Manufacture of textiles   | 13          | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | <b>98.5</b>  |
| 18             | Manufacture of wearing apparel                                      | 29          | 107.7        | 107.7        | 107.7        | 107.7        | 107.7        | 112.5        | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | <b>108.2</b> |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | 10          | 101.5        | 100.9        | 98.8         | 98.8         | 95.9         | 95.9         | 96.5         | 96.5         | 96.5         | 101.7        | 101.7        | 101.7        | <b>98.9</b>  |
| 20             | Manufacture of wood, wood products and cork except furniture        | 4           | 100.8        | 100.8        | 100.8        | 102.2        | 102.2        | 105.9        | 105.9        | 105.9        | 105.9        | 105.9        | 105.9        | 105.9        | <b>104.0</b> |
| 21             | Manufacture of paper and paper products                             | 24          | 101.2        | 101.2        | 101.2        | 103.1        | 106.8        | 106.8        | 107.9        | 107.9        | 107.8        | 107.8        | 107.8        | 107.8        | <b>105.6</b> |
| 22             | Pub., printing and reproduction of recorded media                   | 68          | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | 107.5        | <b>107.5</b> |
| 24             | Manufacture of chemicals and chemical products                      | 116         | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | 104.6        | <b>104.6</b> |
| 25             | Manufacture of rubber and plastic products                          | 30          | 100.0        | 100.0        | 100.0        | 87.1         | 87.1         | 87.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | <b>96.8</b>  |
| 26             | Man. of other non-metallic mineral products                         | 93          | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 105.1        | 105.1        | 105.1        | <b>101.7</b> |
| 27             | Manufacture of basic metals   | 37          | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 97.4         | 97.4         | 97.4         | 97.4         | <b>98.5</b>  |
| 28             | Manufacture of fabricated metal products                            | 50          | 100.5        | 100.5        | 100.7        | 102.9        | 102.9        | 102.9        | 102.9        | 102.9        | 102.9        | 102.9        | 103.7        | 103.7        | <b>102.4</b> |
| 31             | Manufacture of electrical machinery and apparatus                   | 12          | 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> |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | 27          | 117.2        | 117.2        | 117.2        | 117.2        | 117.4        | 117.7        | 118.0        | 118.0        | 118.0        | 118.6        | 118.6        | 118.6        | <b>117.8</b> |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>103.7</b> | <b>104.7</b> | <b>104.1</b> | <b>103.7</b> | <b>103.8</b> | <b>103.6</b> | <b>104.5</b> | <b>104.5</b> | <b>104.3</b> | <b>105.0</b> | <b>105.2</b> | <b>105.5</b> | <b>104.4</b> |

**Table 3c - Monthly Indices by NSIC Group, 2001 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | Jan-01       | Feb-01       | Mar-01       | Apr-01       | May-01       | Jun-01       | Jul-01       | Aug-01       | Sep-01       | Oct-01       | Nov-01       | Dec-01       | Average year |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | <b>487</b>  | 108.9        | 108.9        | 109.9        | 110.2        | 110.2        | 111.5        | 112.6        | 112.7        | 112.6        | 112.6        | 114.0        | 114.8        | <b>111.6</b> |
| 17             | Manufacture of textiles   | <b>13</b>   | 98.5         | 98.5         | 98.5         | 98.5         | 98.5         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | <b>99.0</b>  |
| 18             | Manufacture of wearing apparel                                      | <b>29</b>   | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | 107.8        | 108.9        | 108.9        | 108.9        | 108.9        | 108.9        | <b>108.3</b> |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | <b>10</b>   | 97.7         | 97.7         | 97.7         | 97.7         | 97.7         | 97.7         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | <b>98.1</b>  |
| 20             | Manufacture of wood, wood products and cork except furniture        | <b>4</b>    | 105.9        | 105.9        | 105.9        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | <b>119.7</b> |
| 21             | Manufacture of paper and paper products                             | <b>24</b>   | 105.2        | 105.2        | 105.2        | 105.5        | 105.5        | 105.5        | 105.1        | 105.1        | 105.1        | 105.1        | 107.2        | 107.2        | <b>105.6</b> |
| 22             | Pub., printing and reproduction of recorded media                   | <b>68</b>   | 107.5        | 112.1        | 112.1        | 112.1        | 112.1        | 112.1        | 112.1        | 117.0        | 117.0        | 117.0        | 117.0        | 117.0        | <b>113.8</b> |
| 24             | Manufacture of chemicals and chemical products                      | <b>116</b>  | 104.6        | 104.6        | 104.6        | 105.3        | 105.3        | 105.3        | 106.9        | 106.9        | 106.9        | 107.5        | 107.5        | 107.5        | <b>106.0</b> |
| 25             | Manufacture of rubber and plastic products                          | <b>30</b>   | 100.0        | 100.0        | 97.0         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | <b>99.7</b>  |
| 26             | Manufacture of other non-metallic mineral products                  | <b>93</b>   | 115.6        | 115.6        | 115.6        | 115.6        | 115.6        | 115.6        | 117.7        | 121.7        | 121.7        | 121.7        | 121.7        | 123.7        | <b>118.4</b> |
| 27             | Manufacture of basic metals   | <b>37</b>   | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | <b>108.4</b> |
| 28             | Manufacture of fabricated metal products                            | <b>50</b>   | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | 103.7        | <b>103.7</b> |
| 31             | Manufacture of electrical machinery and apparatus                   | <b>12</b>   | 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> |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | <b>27</b>   | 118.6        | 118.6        | 118.6        | 118.8        | 118.8        | 118.8        | 119.5        | 119.5        | 119.5        | 126.3        | 126.3        | 126.3        | <b>120.8</b> |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>108.2</b> | <b>108.5</b> | <b>108.9</b> | <b>109.3</b> | <b>109.3</b> | <b>109.9</b> | <b>110.8</b> | <b>111.6</b> | <b>111.6</b> | <b>111.9</b> | <b>112.6</b> | <b>113.1</b> | <b>110.5</b> |



**Table 3d - Monthly Indices by NSIC Group, 2002 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | Jan-02       | Feb-02       | Mar-02       | Apr-02       | May-02       | Jun-02       | Jul-02       | Aug-02       | Sep-02       | Oct-02       | Nov-02       | Dec-02       | Average year |              |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | <b>487</b>  | 115.0        | 115.0        | 115.0        | 115.3        | 115.3        | 115.5        | 116.3        | 117.0        | 117.0        | 117.2        | 117.3        | 117.7        | <b>116.1</b> |              |
| 17             | Manufacture of textiles   | <b>13</b>   | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | <b>115.1</b> |              |
| 18             | Manufacture of wearing apparel                                      | <b>29</b>   | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | <b>112.4</b> |              |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | <b>10</b>   | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | 101.3        | 100.6        | 100.6        | 101.3        | 101.3        | 101.3        | <b>99.8</b>  |              |
| 20             | Manufacture of wood, wood products and cork except furniture        | <b>4</b>    | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 124.4        | 127.5        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | <b>120.2</b> |              |
| 21             | Manufacture of paper and paper products                             | <b>24</b>   | 107.2        | 107.2        | 107.2        | 107.2        | 107.2        | 107.2        | 108.5        | 108.5        | 108.5        | 108.5        | 108.5        | 108.5        | <b>107.9</b> |              |
| 22             | Pub., printing and reproduction of recorded media                   | <b>68</b>   | 119.0        | 119.0        | 119.0        | 119.0        | 119.0        | 119.0        | 119.8        | 119.0        | 117.8        | 122.9        | 122.9        | 125.8        | <b>120.2</b> |              |
| 24             | Manufacture of chemicals and chemical products                      | <b>116</b>  | 109.3        | 109.3        | 109.7        | 109.7        | 109.7        | 109.7        | 111.4        | 111.8        | 111.8        | 111.8        | 111.8        | 112.7        | <b>110.7</b> |              |
| 25             | Manufacture of rubber and plastic products                          | <b>30</b>   | 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> |              |
| 26             | Manufacture of other non-metallic mineral products                  | <b>93</b>   | 123.7        | 123.7        | 123.7        | 123.7        | 123.7        | 123.7        | 130.4        | 130.4        | 130.4        | 130.4        | 130.4        | 130.4        | <b>127.0</b> |              |
| 27             | Manufacture of basic metals   | <b>37</b>   | 108.4        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | <b>112.5</b> |              |
| 28             | Manufacture of fabricated metal products                            | <b>50</b>   | 103.7        | 103.7        | 103.7        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | 105.2        | <b>104.8</b> |              |
| 31             | Manufacture of electrical machinery and apparatus                   | <b>12</b>   | 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> |              |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | <b>27</b>   | 126.6        | 127.1        | 127.4        | 127.4        | 127.4        | 127.4        | 129.5        | 129.5        | 129.5        | 130.9        | 132.2        | 132.4        | <b>128.9</b> |              |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>113.9</b> | <b>114.1</b> | <b>114.2</b> | <b>114.4</b> | <b>114.4</b> | <b>114.4</b> | <b>114.4</b> | <b>115.8</b> | <b>116.1</b> | <b>116.0</b> | <b>116.6</b> | <b>116.6</b> | <b>117.1</b> | <b>115.3</b> |

**Table 3e - Monthly Indices by NSIC Group, 2003 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | 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 |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 15/16          | Man. of food products, beverages and tobacco                        | <b>487</b>  | 119.7        | 119.9        | 119.8        | 120.9        | 121.6        | 121.8        | 123.2        | 122.7        | 122.8        | 125.5        | 125.6        | 126.6        | <b>122.5</b> |
| 17             | Manufacture of textiles   | <b>13</b>   | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 115.1        | 124.0        | 124.0        | 124.0        | 116.5        | 116.5        | 116.5        | <b>117.7</b> |
| 18             | Manufacture of wearing apparel                                      | <b>29</b>   | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | <b>112.4</b> |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | <b>10</b>   | 103.9        | 103.9        | 101.4        | 103.3        | 103.3        | 103.3        | 114.8        | 114.8        | 114.8        | 114.8        | 114.8        | 114.8        | <b>109.0</b> |
| 20             | Manufacture of wood, wood products and cork except furniture        | <b>4</b>    | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | 113.7        | <b>113.7</b> |
| 21             | Manufacture of paper and paper products                             | <b>24</b>   | 108.5        | 108.5        | 108.5        | 108.5        | 108.8        | 108.5        | 108.4        | 108.4        | 108.4        | 108.5        | 108.3        | 108.4        | <b>108.5</b> |
| 22             | Pub., printing and reproduction of recorded media                   | <b>68</b>   | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 127.7        | 127.7        | 127.7        | <b>126.2</b> |
| 24             | Manufacture of chemicals and chemical products                      | <b>116</b>  | 112.7        | 112.7        | 112.7        | 112.7        | 113.3        | 114.1        | 113.9        | 113.9        | 116.4        | 116.6        | 117.1        | 117.3        | <b>114.5</b> |
| 25             | Manufacture of rubber and plastic products                          | <b>30</b>   | 100.0        | 100.0        | 100.0        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | 100.8        | <b>100.6</b> |
| 26             | Manufacture of other non-metallic mineral products                  | <b>93</b>   | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 139.4        | 139.4        | 139.4        | 139.4        | <b>135.0</b> |
| 27             | Manufacture of basic metals   | <b>37</b>   | 119.5        | 119.5        | 119.5        | 119.5        | 119.5        | 119.5        | 119.5        | 127.9        | 127.9        | 127.9        | 127.9        | 127.9        | <b>123.0</b> |
| 28             | Manufacture of fabricated metal products                            | <b>50</b>   | 103.9        | 103.9        | 104.3        | 104.3        | 104.3        | 104.3        | 106.2        | 108.3        | 108.3        | 108.3        | 108.3        | 108.3        | <b>106.1</b> |
| 31             | Manufacture of electrical machinery and apparatus                   | <b>12</b>   | 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> |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | <b>27</b>   | 132.4        | 132.4        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 132.8        | 134.4        | 134.8        | 135.2        | <b>133.2</b> |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>118.5</b> | <b>118.6</b> | <b>118.6</b> | <b>119.1</b> | <b>119.6</b> | <b>119.8</b> | <b>120.7</b> | <b>120.9</b> | <b>121.9</b> | <b>123.3</b> | <b>123.4</b> | <b>123.9</b> | <b>120.7</b> |

**Table 4 - Quarterly Indices by NSIC Group, 1st Quarter 2003 to 3rd Quarter 2004 - Manufacturing Sector**

Year 1998 = 100

| NSIC           | Activity group  | Wt.         | 2003         |              |              |              | 2004         |              |              | Percent changes (%) from |                          |
|----------------|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|
|                |   |             | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 2nd Qr. 04 to 3rd Qr. 04 | 3rd Qr. 03 to 3rd Qr. 04 |
| 15/16          | Man. of food products, beverages and tobacco                        | 487         | 119.8        | 121.4        | 122.9        | 125.9        | 128.1        | 132.8        | 135.6        | 2.1                      | 10.3                     |
| 17             | Manufacture of textiles   | 13          | 115.1        | 115.1        | 124.0        | 116.5        | 116.6        | 116.6        | 116.6        | 0.0                      | -6.0                     |
| 18             | Manufacture of wearing apparel                                      | 29          | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 0.0                      | 0.0                      |
| 19             | Tanning, dressing of leather, manufacture of luggage, handbags etc. | 10          | 103.1        | 103.3        | 114.8        | 114.8        | 114.8        | 120.3        | 120.3        | 0.0                      | 4.8                      |
| 20             | Manufacture of wood, wood products and cork except furniture        | 4           | 113.7        | 113.7        | 113.7        | 113.7        | 116.0        | 116.0        | 116.0        | 0.0                      | 2.1                      |
| 21             | Manufacture of paper and paper products                             | 24          | 108.5        | 108.6        | 108.4        | 108.4        | 105.8        | 107.2        | 107.4        | 0.2                      | -0.9                     |
| 22             | Pub., printing and reproduction of recorded media                   | 68          | 125.8        | 125.8        | 125.8        | 127.7        | 127.7        | 127.7        | 131.9        | 3.3                      | 4.9                      |
| 24             | Manufacture of chemicals and chemical products                      | 116         | 112.7        | 113.4        | 114.8        | 117.0        | 118.0        | 119.3        | 123.9        | 3.9                      | 8.0                      |
| 25             | Manufacture of rubber and plastic products                          | 30          | 100.0        | 100.8        | 100.8        | 100.8        | 100.8        | 102.0        | 105.2        | 3.2                      | 4.4                      |
| 26             | Manufacture of other non-metallic mineral products                  | 93          | 132.8        | 132.8        | 135.0        | 139.4        | 139.4        | 139.4        | 139.5        | 0.1                      | 3.4                      |
| 27             | Manufacture of basic metals   | 37          | 119.5        | 119.5        | 125.1        | 127.9        | 127.9        | 144.8        | 178.6        | 23.3                     | 42.8                     |
| 28             | Manufacture of fabricated metal products                            | 50          | 104.1        | 104.3        | 107.6        | 108.3        | 109.8        | 116.2        | 119.8        | 3.1                      | 11.3                     |
| 31             | Manufacture of electrical machinery and apparatus                   | 12          | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 0.0                      | 0.0                      |
| 36             | Manufacture of furniture, and manufacturing n.e.c.                  | 27          | 132.5        | 132.8        | 132.8        | 134.8        | 135.2        | 135.2        | 141.0        | 4.3                      | 6.1                      |
| <b>15 - 36</b> | <b>Manufacturing Sector</b>   | <b>1000</b> | <b>118.6</b> | <b>119.5</b> | <b>121.2</b> | <b>123.5</b> | <b>124.7</b> | <b>128.3</b> | <b>132.1</b> | <b>3.0</b>               | <b>9.1</b>               |

**Table 5 - Food, Beverages & Tobacco: Monthly Indices by NSIC Group, January to September 2004**

Year 1998 = 100

| NSIC                    | Activity group  | Wt.        | Jan-04       | Feb-04       | Mar-04       | Apr-04       | May-04       | Jun-04       | Jul-04       | Aug-04       | Sep-04       | Percent changes (%) from |                  |                   |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|------------------|-------------------|
|                         |   |            |              |              |              |              |              |              |              |              |              | Jun 04 to Jul 04         | Jul 04 to Aug 04 | Aug 04 to Sept 04 |
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>114.3</b> | <b>116.3</b> | <b>118.7</b> | <b>122.0</b> | <b>123.1</b> | <b>123.1</b> | <b>123.9</b> | <b>124.2</b> | <b>125.6</b> | <b>0.7</b>               | <b>0.3</b>       | <b>1.1</b>        |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 105.0        | 114.9        | 114.9        | 114.9        | 114.9        | 114.9        | 114.9        | 114.9        | 114.9        | 0.0                      | 0.0              | 0.0               |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 138.5        | 138.5        | 138.5        | 151.9        | 151.9        | 151.9        | 156.4        | 156.4        | 156.4        | 3.0                      | 0.0              | 0.0               |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 123.0        | 123.0        | 123.0        | 123.0        | 123.0        | 123.0        | 125.2        | 125.2        | 129.4        | 1.8                      | 0.0              | 3.3               |
| 1514                    | Manufacture of vegetable and animal oils and fats                 | 63         | 117.0        | 117.0        | 117.0        | 117.5        | 121.6        | 121.6        | 121.6        | 121.6        | 121.6        | 0.0                      | 0.0              | 0.0               |
| 1520                    | Manufacture of dairy products                                     | 21         | 118.6        | 118.6        | 118.6        | 118.6        | 118.6        | 118.6        | 118.6        | 123.0        | 123.0        | 0.0                      | 3.7              | 0.0               |
| 1531                    | Manufacture of grain mill products                                | 41         | 114.0        | 114.0        | 114.0        | 134.1        | 135.7        | 135.7        | 137.8        | 137.8        | 147.6        | 1.6                      | 0.0              | 7.1               |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 112.1        | 112.1        | 127.0        | 127.0        | 127.0        | 127.0        | 126.9        | 126.9        | 126.9        | 0.0                      | 0.0              | 0.0               |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 129.9        | 134.3        | 135.7        | 135.8        | 135.8        | 135.8        | 136.6        | 136.6        | 136.6        | 0.6                      | 0.0              | 0.0               |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>135.9</i> | <i>142.0</i> | <i>142.0</i> | <i>142.0</i> | <i>142.0</i> | <i>142.0</i> | 142.0        | 142.0        | 142.0        | 0.0                      | 0.0              | 0.0               |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>115.0</i> | <i>115.0</i> | <i>120.1</i> | <i>120.3</i> | <i>120.3</i> | <i>120.3</i> | 123.1        | 123.1        | 123.1        | 2.4                      | 0.0              | 0.0               |
| 1542                    | Manufacture of sugar  | 14         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 0.0                      | 0.0              | 0.0               |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 0.0                      | 0.0              | 0.0               |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 103.1        | 103.1        | 103.5        | 104.2        | 104.2        | 104.2        | 112.5        | 112.5        | 112.5        | 7.9                      | 0.0              | 0.0               |
| 1549                    | Manufacture of other food products                                | 14         | 106.2        | 106.2        | 106.2        | 106.7        | 105.8        | 105.5        | 107.3        | 108.2        | 107.3        | 1.7                      | 0.8              | -0.8              |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>147.6</b> | <b>147.6</b> | <b>147.6</b> | <b>147.9</b> | <b>147.9</b> | <b>153.6</b> | <b>154.0</b> | <b>154.0</b> | <b>154.3</b> | <b>0.2</b>               | <b>0.0</b>       | <b>0.2</b>        |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 149.0        | 149.0        | 149.0        | 150.2        | 150.2        | 148.2        | 148.4        | 148.4        | 148.4        | 0.1                      | 0.0              | 0.0               |
| 1552                    | Wine  | 5          | 128.0        | 128.0        | 128.0        | 128.0        | 128.0        | 128.0        | 135.7        | 135.7        | 146.9        | 6.1                      | 0.0              | 8.2               |
| 1553                    | Beer  | 44         | 158.3        | 158.3        | 158.3        | 158.3        | 158.3        | 184.4        | 184.4        | 184.4        | 184.4        | 0.0                      | 0.0              | 0.0               |
| 1554                    | Soft drinks   | 55         | 144.4        | 144.4        | 144.4        | 144.4        | 144.4        | 144.4        | 144.8        | 144.8        | 144.8        | 0.3                      | 0.0              | 0.0               |
| 1600                    | Manufacture of tobacco products                                   | 32         | 139.3        | 139.3        | 139.3        | 139.3        | 139.3        | 138.8        | 138.8        | 138.8        | 138.8        | 0.0                      | 0.0              | 0.0               |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>126.7</b> | <b>128.0</b> | <b>129.5</b> | <b>131.7</b> | <b>132.3</b> | <b>134.5</b> | <b>135.1</b> | <b>135.3</b> | <b>136.3</b> | <b>0.5</b>               | <b>0.2</b>       | <b>0.7</b>        |

**Table 6 - Food, Beverages & Tobacco: Monthly Indices by NSIC Group for the base period (Year 1998)**

| NSIC                    | Activity group  | Wt.        | Jan-98      | Feb-98      | Mar-98      | Apr-98      | May-98       | Jun-98       | Jul-98       | Aug-98       | Sep-98       | Oct-98       | Nov-98       | Dec-98       | Average year |
|-------------------------|---|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>96.4</b> | <b>96.7</b> | <b>96.8</b> | <b>98.8</b> | <b>98.9</b>  | <b>99.9</b>  | <b>100.3</b> | <b>102.1</b> | <b>102.3</b> | <b>102.5</b> | <b>102.6</b> | <b>102.7</b> | <b>100.0</b> |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 98.0        | 98.0        | 98.0        | 98.0        | 98.0         | 101.2        | 101.2        | 101.2        | 101.6        | 101.6        | 101.6        | 101.6        | 100.0        |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 97.6        | 98.9        | 98.7        | 99.6        | 99.8         | 100.1        | 100.0        | 100.9        | 101.0        | 101.1        | 100.8        | 101.4        | 100.0        |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 97.2        | 97.2        | 97.7        | 97.7        | 97.7         | 97.7         | 103.3        | 103.3        | 102.6        | 101.9        | 101.9        | 101.9        | 100.0        |
| 1514                    | Man. of vegetable and animal oils and fats                        | 63         | 91.0        | 91.0        | 91.0        | 97.3        | 97.3         | 97.3         | 97.3         | 107.6        | 107.6        | 107.6        | 107.6        | 107.6        | 100.0        |
| 1520                    | Manufacture of dairy products                                     | 21         | 99.0        | 99.0        | 99.0        | 99.0        | 99.0         | 99.0         | 99.0         | 99.0         | 99.0         | 101.7        | 103.6        | 103.6        | 100.0        |
| 1531                    | Manufacture of grain mill products                                | 41         | 94.9        | 96.7        | 96.7        | 101.7       | 101.7        | 101.7        | 103.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.6        | 100.0        |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 98.3        | 98.3        | 98.3        | 98.3        | 98.3         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 100.0        |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 98.0        | 98.0        | 98.0        | 98.0        | 99.4         | 99.4         | 99.4         | 101.1        | 102.2        | 102.2        | 102.2        | 102.2        | 100.0        |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>98.5</i> | <i>98.5</i> | <i>98.5</i> | <i>98.5</i> | <i>98.5</i>  | <i>98.5</i>  | <i>98.5</i>  | <i>100.8</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>100.0</i> |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>96.6</i> | <i>96.6</i> | <i>96.6</i> | <i>96.6</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>101.7</i> | <i>100.0</i> |
| 1542                    | Manufacture of sugar  | 14         | 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        |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 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        |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 99.8        | 99.8        | 99.8        | 99.8        | 99.8         | 99.8         | 99.8         | 99.8         | 100.4        | 100.4        | 100.4        | 100.4        | 100.0        |
| 1549                    | Manufacture of other food products                                | 14         | 99.6        | 100.3       | 100.3       | 100.3       | 100.0        | 99.9         | 99.9         | 98.9         | 99.4         | 100.4        | 100.5        | 100.6        | 100.0        |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>95.1</b> | <b>95.1</b> | <b>95.8</b> | <b>95.8</b> | <b>95.8</b>  | <b>104.5</b> | <b>104.6</b> | <b>104.7</b> | <b>102.2</b> | <b>102.2</b> | <b>102.2</b> | <b>102.2</b> | <b>100.0</b> |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 87.3        | 87.3        | 90.3        | 90.3        | 90.3         | 112.7        | 112.7        | 112.7        | 104.0        | 104.0        | 104.0        | 104.0        | 100.0        |
| 1552                    | Wine  | 5          | 96.9        | 96.9        | 96.9        | 96.9        | 96.9         | 96.9         | 101.7        | 103.3        | 103.4        | 103.4        | 103.4        | 103.4        | 100.0        |
| 1553                    | Beer  | 44         | 99.9        | 99.9        | 99.9        | 99.9        | 99.9         | 100.1        | 100.1        | 100.1        | 100.1        | 100.1        | 100.1        | 100.1        | 100.0        |
| 1554                    | Soft drinks   | 55         | 96.9        | 96.9        | 96.9        | 96.9        | 96.9         | 102.1        | 102.1        | 102.1        | 102.4        | 102.4        | 102.4        | 102.4        | 100.0        |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>95.9</b> | <b>96.1</b> | <b>96.4</b> | <b>97.7</b> | <b>97.7</b>  | <b>101.6</b> | <b>101.9</b> | <b>103.1</b> | <b>102.3</b> | <b>102.4</b> | <b>102.5</b> | <b>102.5</b> | <b>100.0</b> |

Table 7a - Food, Beverages and Tobacco: Monthly Indices by NSIC Group, 1999

Year 1998 = 100

| NSIC                    | Activity group  | Wt.        | Jan-99       | Feb-99       | Mar-99       | Apr-99       | May-99       | Jun-99       | Jul-99       | Aug-99       | Sep-99       | Oct-99       | Nov-99       | Dec-99       | Average year |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>101.6</b> | <b>101.5</b> | <b>101.3</b> | <b>101.0</b> | <b>101.0</b> | <b>101.3</b> | <b>99.2</b>  | <b>99.2</b>  | <b>99.2</b>  | <b>99.4</b>  | <b>99.4</b>  | <b>99.5</b>  | <b>100.3</b> |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 101.6        | 101.6        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 110.6        | 110.8        | 110.7        | 110.7        | 110.7        | 110.8        | 111.2        | 110.9        | 110.8        | 111.4        | 111.2        | 111.2        | 110.9        |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 101.9        | 101.9        | 101.9        | 101.9        | 101.9        | 101.9        | 102.4        | 102.4        | 102.4        | 107.0        | 107.0        | 109.5        | 103.5        |
| 1514                    | Man. of vegetable and animal oils and fats                        | 63         | 109.5        | 109.8        | 109.8        | 109.8        | 109.8        | 109.8        | 100.2        | 100.2        | 100.2        | 100.2        | 100.2        | 100.2        | 105.0        |
| 1520                    | Manufacture of dairy products                                     | 21         | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        |
| 1531                    | Manufacture of grain mill products                                | 41         | 87.3         | 86.4         | 85.6         | 83.1         | 83.1         | 85.0         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.7         |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> | <i>102.4</i> |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> | <i>101.3</i> |
| 1542                    | Manufacture of sugar  | 14         | 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        |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        |
| 1549                    | Manufacture of other food products                                | 14         | 99.6         | 99.6         | 99.6         | 99.6         | 99.5         | 99.5         | 99.5         | 98.5         | 99.4         | 98.9         | 98.9         | 99.9         | 99.4         |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>101.9</b> | <b>101.9</b> | <b>101.9</b> | <b>104.7</b> | <b>104.7</b> | <b>108.3</b> | <b>108.3</b> | <b>108.3</b> | <b>108.3</b> | <b>108.3</b> | <b>108.3</b> | <b>108.3</b> | <b>106.1</b> |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 104.1        | 104.1        | 104.1        | 114.8        | 114.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 113.3        |
| 1552                    | Wine  | 5          | 103.4        | 103.4        | 103.4        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 106.5        | 105.7        |
| 1553                    | Beer  | 44         | 100.1        | 100.1        | 100.1        | 100.1        | 100.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 104.8        |
| 1554                    | Soft drinks   | 55         | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        | 102.7        |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>101.7</b> | <b>101.6</b> | <b>101.5</b> | <b>102.4</b> | <b>102.4</b> | <b>103.9</b> | <b>102.6</b> | <b>102.6</b> | <b>102.6</b> | <b>102.7</b> | <b>102.7</b> | <b>102.8</b> | <b>102.5</b> |

**Table 7b - Food, Beverages and Tobacco: Monthly Indices by NSIC Group, 2000**

Year 1998 = 100

| NSIC            | Activity group  | Wt.        | Jan-00       | Feb-00       | Mar-00       | Apr-00       | May-00       | Jun-00       | Jul-00       | Aug-00       | Sep-00       | Oct-00       | Nov-00       | Dec-00       | Average year |
|-----------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>  | <b>Manufacture of food products</b>                               | <b>305</b> | <b>100.0</b> | <b>98.6</b>  | <b>98.6</b>  | <b>98.2</b>  | <b>98.2</b>  | <b>97.1</b>  | <b>98.2</b>  | <b>98.2</b>  | <b>97.6</b>  | <b>98.4</b>  | <b>98.9</b>  | <b>99.8</b>  | <b>98.5</b>  |
| 1511            | Production, processing and preservation of meat and meat products | 52         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 105.1        | 105.1        | 105.1        | 105.1        | 105.1        | 105.1        | 103.1        |
| 1512            | Proc. and preserv. of fish and fish products                      | 11         | 111.2        | 111.1        | 111.1        | 111.1        | 111.5        | 111.6        | 116.5        | 116.5        | 116.7        | 116.7        | 116.7        | 116.7        | 113.9        |
| 1513            | Proc. and preserving of fruits and vegetables                     | 11         | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        | 109.5        |
| 1514            | Man. of vegetable and animal oils and fats                        | 63         | 99.8         | 93.1         | 93.1         | 93.1         | 93.1         | 87.9         | 87.9         | 87.9         | 87.9         | 87.9         | 87.9         | 87.9         | 90.6         |
| 1520            | Manufacture of dairy products                                     | 21         | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 109.9        | 109.9        | 104.2        |
| 1531            | Manufacture of grain mill products                                | 41         | 86.8         | 86.8         | 86.8         | 83.6         | 83.6         | 83.6         | 85.3         | 85.3         | 81.3         | 87.1         | 87.1         | 93.8         | 85.9         |
| 1533            | Manufacture of prepared animal feeds                              | 48         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        |
| 1541            | Manufacture of bakery products, of which                          | 21         | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        | 102.1        |
| 15411/<br>15412 | <i>Bread manufacturing</i>  | 15         | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        | 102.4        |
| 15413           | <i>Biscuits manufacturing</i>                                     | 6          | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        | 101.3        |
| 1542            | Manufacture of sugar  | 14         | 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        |
| 1543            | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        | 104.7        |
| 1544            | Man. of macaroni, noodles and similar products                    | 6          | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        |
| 1549            | Manufacture of other food products                                | 14         | 104.6        | 104.8        | 104.5        | 104.9        | 105.1        | 104.9        | 105.2        | 105.1        | 105.1        | 106.0        | 105.9        | 106.1        | 105.2        |
| <b>155/16</b>   | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>110.6</b> | <b>118.6</b> | <b>115.1</b> | <b>115.1</b> | <b>114.8</b> | <b>114.9</b> | <b>116.3</b> | <b>116.3</b> | <b>116.4</b> | <b>116.4</b> | <b>116.4</b> | <b>116.4</b> | <b>115.6</b> |
| 1551            | Distilling, blending & bottling of spirit                         | 46         | 120.1        | 142.2        | 128.6        | 128.6        | 127.3        | 127.3        | 127.3        | 127.3        | 127.3        | 127.3        | 127.3        | 127.3        | 128.1        |
| 1552            | Wine  | 5          | 108.2        | 108.2        | 108.2        | 108.2        | 108.2        | 112.6        | 115.8        | 115.8        | 115.8        | 115.8        | 115.8        | 115.8        | 112.4        |
| 1553            | Beer  | 44         | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.1        | 108.6        | 108.6        | 108.6        | 108.6        | 108.3        |
| 1554            | Soft drinks   | 55         | 107.5        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 115.2        | 114.6        |
| <b>15/16</b>    | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>103.9</b> | <b>106.0</b> | <b>104.7</b> | <b>104.5</b> | <b>104.4</b> | <b>103.7</b> | <b>104.9</b> | <b>104.9</b> | <b>104.6</b> | <b>105.2</b> | <b>105.4</b> | <b>106.0</b> | <b>104.9</b> |

**Table 7c - Food, Beverages and Tobacco: Monthly Indices by NSIC Group, 2001**

Year 1998 = 100

| NSIC                    | Activity group  | Wt.        | Jan-01       | Feb-01       | Mar-01       | Apr-01       | May-01       | Jun-01       | Jul-01       | Aug-01       | Sep-01       | Oct-01       | Nov-01       | Dec-01       | Average year |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>101.0</b> | <b>101.0</b> | <b>101.2</b> | <b>101.7</b> | <b>101.7</b> | <b>102.5</b> | <b>103.9</b> | <b>104.0</b> | <b>103.9</b> | <b>104.0</b> | <b>104.3</b> | <b>105.3</b> | <b>102.9</b> |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 105.1        | 105.1        | 105.1        | 105.5        | 105.5        | 109.2        | 109.2        | 109.2        | 109.2        | 109.2        | 109.2        | 109.2        | 107.5        |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 112.9        | 112.9        | 112.9        | 112.9        | 112.9        | 114.2        | 114.2        | 114.2        | 105.5        | 105.5        | 105.5        | 105.5        | 110.8        |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 108.7        | 108.7        | 108.7        | 108.7        | 108.7        | 108.7        | 109.5        | 113.2        | 113.2        | 113.2        | 113.2        | 113.2        | 110.6        |
| 1514                    | Man. of vegetable and animal oils and fats                        | 63         | 87.9         | 87.9         | 87.9         | 87.9         | 87.9         | 88.4         | 88.4         | 88.4         | 89.1         | 89.1         | 90.3         | 95.4         | 89.1         |
| 1520                    | Manufacture of dairy products                                     | 21         | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        |
| 1531                    | Manufacture of grain mill products                                | 41         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6         | 103.5        | 103.5        | 103.5        | 103.5        | 103.5        | 103.5        | 101.1        |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 101.2        | 104.8        | 104.8        | 104.8        | 104.8        | 104.8        | 104.8        | 103.0        |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 109.8        | 109.8        | 111.8        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 116.4        |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>111.9</i> | <i>111.9</i> | <i>114.8</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>121.2</i> |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> |
| 1542                    | Manufacture of sugar  | 14         | 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        |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 100.4        | 104.0        | 104.0        | 101.0        |
| 1549                    | Man. of other food products                                       | 14         | 106.1        | 106.1        | 106.1        | 106.4        | 106.7        | 106.7        | 109.6        | 109.6        | 109.6        | 111.9        | 111.9        | 111.9        | 108.5        |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>122.2</b> | <b>122.2</b> | <b>124.5</b> | <b>124.5</b> | <b>124.5</b> | <b>126.5</b> | <b>127.1</b> | <b>127.2</b> | <b>127.2</b> | <b>127.2</b> | <b>130.2</b> | <b>130.6</b> | <b>126.1</b> |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 124.0        | 124.0        | 133.2        | 133.2        | 133.2        | 139.7        | 139.7        | 139.7        | 139.7        | 139.7        | 139.7        | 139.7        | 135.5        |
| 1552                    | Wine  | 5          | 115.8        | 115.8        | 115.8        | 115.8        | 115.8        | 115.8        | 122.7        | 123.9        | 123.9        | 123.9        | 123.9        | 123.9        | 119.8        |
| 1553                    | Beer  | 44         | 122.6        | 122.6        | 122.6        | 122.6        | 122.6        | 124.0        | 126.2        | 126.2        | 126.2        | 126.2        | 126.2        | 126.2        | 124.5        |
| 1554                    | Soft drinks   | 55         | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 124.8        | 124.8        | 124.8        | 124.8        | 134.7        | 134.7        | 127.0        |
| 1600                    | Manufacture of tobacco products                                   | 32         | 113.6        | 113.6        | 113.6        | 113.6        | 113.6        | 113.6        | 115.0        | 115.0        | 115.0        | 115.0        | 115.0        | 117.5        | 114.5        |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>108.9</b> | <b>108.9</b> | <b>109.9</b> | <b>110.2</b> | <b>110.2</b> | <b>111.5</b> | <b>112.6</b> | <b>112.7</b> | <b>112.6</b> | <b>112.6</b> | <b>114.0</b> | <b>114.8</b> | <b>111.6</b> |



**Table 7d - Food, Beverages and Tobacco: Monthly Indices by NSIC Group, 2002**

Year 1998 = 100

| NSIC                    | Activity group  | Wt.        | Jan-02       | Feb-02       | Mar-02       | Apr-02       | May-02       | Jun-02       | Jul-02       | Aug-02       | Sep-02       | Oct-02       | Nov-02       | Dec-02       | Average year |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>105.6</b> | <b>105.6</b> | <b>105.6</b> | <b>106.1</b> | <b>106.1</b> | <b>106.3</b> | <b>106.5</b> | <b>107.6</b> | <b>107.6</b> | <b>107.8</b> | <b>107.9</b> | <b>108.2</b> | <b>106.7</b> |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 109.2        | 109.2        | 109.2        | 109.2        | 109.2        | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 110.3        |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        | 105.5        |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 113.2        | 113.2        | 113.2        | 113.2        | 113.2        | 113.2        | 114.3        | 114.3        | 114.3        | 116.8        | 116.8        | 116.8        | 114.4        |
| 1514                    | Man. of vegetable and animal oils and fats                        | 63         | 95.4         | 95.4         | 95.4         | 95.4         | 95.4         | 95.4         | 95.4         | 100.7        | 100.7        | 101.3        | 101.4        | 102.8        | 97.9         |
| 1520                    | Manufacture of dairy products                                     | 21         | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 113.5        | 114.6        | 114.4        | 114.4        | 114.4        | 114.4        | 114.4        | 114.0        |
| 1531                    | Manufacture of grain mill products                                | 41         | 105.1        | 105.1        | 105.1        | 105.1        | 105.1        | 104.4        | 103.0        | 103.0        | 103.0        | 103.0        | 103.0        | 103.0        | 104.0        |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 104.8        | 104.8        | 104.8        | 108.3        | 108.3        | 108.3        | 108.3        | 108.3        | 108.3        | 108.3        | 108.3        | 108.4        | 107.4        |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 118.4        | 121.1        | 121.1        | 121.1        | 121.1        | 121.1        | 121.1        | 119.8        |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.0</i> | <i>124.9</i> | <i>124.9</i> | <i>124.9</i> | <i>124.9</i> | <i>124.9</i> | <i>124.9</i> | <i>124.5</i> |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>104.4</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>108.0</i> |
| 1542                    | Manufacture of sugar  | 14         | 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        |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 99.3         | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 106.6        |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 104.0        | 101.7        | 101.7        | 101.7        | 101.7        | 103.1        | 103.1        | 103.1        |
| 1549                    | Man. of other food products                                       | 14         | 111.9        | 111.9        | 111.9        | 111.0        | 111.0        | 111.0        | 111.7        | 111.7        | 111.7        | 111.3        | 111.5        | 111.6        | 111.5        |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>130.9</b> | <b>130.9</b> | <b>130.9</b> | <b>130.8</b> | <b>130.8</b> | <b>130.8</b> | <b>132.6</b> | <b>132.6</b> | <b>132.6</b> | <b>133.1</b> | <b>133.1</b> | <b>133.7</b> | <b>131.9</b> |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 139.7        | 139.7        | 139.7        | 139.7        | 139.7        | 139.7        | 142.9        | 142.9        | 142.9        | 144.6        | 144.6        | 144.6        | 141.7        |
| 1552                    | Wine  | 5          | 123.9        | 123.9        | 123.9        | 119.0        | 121.6        | 121.6        | 123.2        | 123.2        | 123.2        | 123.2        | 123.2        | 123.2        | 122.7        |
| 1553                    | Beer  | 44         | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 125.8        | 126.8        | 126.8        | 126.8        | 126.8        | 126.8        | 126.8        | 126.3        |
| 1554                    | Soft drinks   | 55         | 135.6        | 135.7        | 135.7        | 135.7        | 135.7        | 135.7        | 137.4        | 137.4        | 137.4        | 137.4        | 137.4        | 137.4        | 136.5        |
| 1600                    | Manufacture of tobacco products                                   | 32         | 117.5        | 117.5        | 117.5        | 118.2        | 118.2        | 118.2        | 119.2        | 119.2        | 119.2        | 119.2        | 119.2        | 122.8        | 118.4        |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>115.0</b> | <b>115.0</b> | <b>115.0</b> | <b>115.3</b> | <b>115.3</b> | <b>115.5</b> | <b>116.3</b> | <b>117.0</b> | <b>117.0</b> | <b>117.2</b> | <b>117.3</b> | <b>117.7</b> | <b>116.1</b> |

**Table 7e - Food, Beverages and Tobacco: Monthly Indices by NSIC Group, 2003**

Year 1998 = 100

| NSIC                    | Activity group  | Wt.        | 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 |
|-------------------------|---|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>151-154</b>          | <b>Manufacture of food products</b>                               | <b>305</b> | <b>111.3</b> | <b>111.7</b> | <b>111.1</b> | <b>111.1</b> | <b>111.1</b> | <b>111.2</b> | <b>113.4</b> | <b>112.3</b> | <b>112.4</b> | <b>113.8</b> | <b>114.0</b> | <b>114.1</b> | <b>112.3</b> |
| 1511                    | Production, processing and preservation of meat and meat products | 52         | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 111.1        | 105.0        | 105.0        | 105.0        | 105.0        | 105.0        | 108.5        |
| 1512                    | Proc. and preservation of fish and fish products                  | 11         | 111.7        | 111.7        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 112.4        | 114.4        | 114.4        | 114.4        | 112.8        |
| 1513                    | Proc. and preserving of fruits and vegetables                     | 11         | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 116.8        | 119.7        | 120.9        | 120.9        | 123.0        | 118.3        |
| 1514                    | Man. of vegetable and animal oils and fats                        | 63         | 105.9        | 106.8        | 106.8        | 106.9        | 106.9        | 106.9        | 117.0        | 117.0        | 117.0        | 120.1        | 120.1        | 120.1        | 112.6        |
| 1520                    | Manufacture of dairy products                                     | 21         | 114.3        | 114.3        | 114.3        | 114.3        | 114.3        | 114.3        | 114.8        | 114.8        | 114.8        | 114.8        | 117.7        | 118.6        | 115.1        |
| 1531                    | Manufacture of grain mill products                                | 41         | 119.3        | 119.3        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.8        |
| 1533                    | Manufacture of prepared animal feeds                              | 48         | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 108.4        | 112.1        | 112.1        | 112.1        | 109.3        |
| 1541                    | Manufacture of bakery products, of which                          | 21         | 122.7        | 125.9        | 127.9        | 127.9        | 127.9        | 127.9        | 129.0        | 129.0        | 129.0        | 129.9        | 129.9        | 129.9        | 128.1        |
| <i>15411/<br/>15412</i> | <i>Bread manufacturing</i>  | <i>15</i>  | <i>127.1</i> | <i>131.6</i> | <i>134.5</i> | <i>134.5</i> | <i>134.5</i> | <i>134.5</i> | <i>135.9</i> | <i>135.9</i> | <i>135.9</i> | <i>135.9</i> | <i>135.9</i> | <i>135.9</i> | <i>134.3</i> |
| <i>15413</i>            | <i>Biscuits manufacturing</i>                                     | <i>6</i>   | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>111.6</i> | <i>115.0</i> | <i>115.0</i> | <i>115.0</i> | <i>112.4</i> |
| 1542                    | Manufacture of sugar  | 14         | 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        |
| 1543                    | Man. of cocoa, chocolate and sugar confectionery                  | 3          | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        | 114.0        |
| 1544                    | Man. of macaroni, noodles and similar products                    | 6          | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        | 103.1        |
| 1549                    | Man. of other food products                                       | 14         | 111.8        | 110.9        | 110.6        | 110.0        | 110.2        | 110.6        | 110.5        | 110.6        | 110.0        | 110.0        | 110.0        | 110.0        | 110.4        |
| <b>155/16</b>           | <b>Manufacture of beverages and tobacco</b>                       | <b>182</b> | <b>133.7</b> | <b>133.7</b> | <b>134.3</b> | <b>137.2</b> | <b>139.2</b> | <b>139.6</b> | <b>139.6</b> | <b>140.2</b> | <b>140.2</b> | <b>145.0</b> | <b>145.0</b> | <b>147.5</b> | <b>139.6</b> |
| 1551                    | Distilling, blending & bottling of spirit                         | 46         | 144.6        | 144.6        | 147.1        | 147.1        | 147.1        | 147.1        | 147.1        | 149.0        | 149.0        | 149.0        | 149.0        | 149.0        | 147.5        |
| 1552                    | Wine  | 5          | 123.2        | 123.2        | 123.2        | 125.8        | 125.8        | 125.8        | 125.8        | 128.0        | 128.0        | 128.0        | 128.0        | 128.0        | 126.1        |
| 1553                    | Beer  | 44         | 126.8        | 126.8        | 126.8        | 138.4        | 138.4        | 138.4        | 138.4        | 138.4        | 138.4        | 158.3        | 158.3        | 158.3        | 140.5        |
| 1554                    | Soft drinks   | 55         | 137.4        | 137.4        | 137.4        | 137.4        | 144.0        | 144.0        | 144.0        | 144.0        | 144.0        | 144.0        | 144.0        | 144.0        | 141.8        |
| 1600                    | Manufacture of tobacco products                                   | 32         | 122.8        | 122.8        | 122.8        | 122.8        | 122.8        | 125.2        | 125.2        | 125.2        | 125.2        | 125.2        | 125.2        | 139.3        | 125.4        |
| <b>15/16</b>            | <b>Manufacture of food, beverages and tobacco</b>                 | <b>487</b> | <b>119.7</b> | <b>119.9</b> | <b>119.8</b> | <b>120.9</b> | <b>121.6</b> | <b>121.8</b> | <b>123.2</b> | <b>122.7</b> | <b>122.8</b> | <b>125.5</b> | <b>125.6</b> | <b>126.6</b> | <b>122.5</b> |

**Table 8 - Food, Beverages and Tobacco: Quarterly Indices by NSIC Group, 1st Quarter 2003 to 3rd Quarter 2004**

Year 1998 = 100

| NSIC           | Activity group   | Wt.        | 2003         |              |              |              | 2004         |              |              | Percent changes (%) from    |                             |
|----------------|--|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|-----------------------------|
|                |  |            | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 4th Qr.      | 1st Qr.      | 2nd Qr.      | 3rd Qr.      | 2nd Qr. 04 to<br>3rd Qr. 04 | 3rd Qr. 03 to<br>3rd Qr. 04 |
| <b>151-154</b> | <b>Manufacture of food products</b>                    | <b>305</b> | <b>111.4</b> | <b>111.1</b> | <b>112.7</b> | <b>114.0</b> | <b>116.4</b> | <b>122.7</b> | <b>124.6</b> | <b>1.5</b>                  | <b>10.6</b>                 |
| 1511           | Prod., proc.and preservation of meat and meat products | 52         | 111.1        | 111.1        | 107.0        | 105.0        | 111.6        | 114.9        | 114.9        | 0.0                         | 7.4                         |
| 1512           | Processing and preservation of fish and fish products  | 11         | 111.9        | 112.4        | 112.4        | 114.4        | 138.5        | 151.9        | 156.4        | 3.0                         | 39.1                        |
| 1513           | Processing and preserving of fruits and vegetables     | 11         | 116.8        | 116.8        | 117.8        | 121.6        | 123.0        | 123.0        | 126.6        | 2.9                         | 7.5                         |
| 1514           | Manufacture of vegetable and animal oils and fats      | 63         | 106.5        | 106.9        | 117.0        | 120.1        | 117.0        | 120.2        | 121.6        | 1.1                         | 3.9                         |
| 1520           | Manufacture of dairy products                          | 21         | 114.3        | 114.3        | 114.8        | 117.0        | 118.6        | 118.6        | 121.5        | 2.5                         | 5.8                         |
| 1531           | Manufacture of grain mill products                     | 41         | 117.5        | 114.0        | 114.0        | 114.0        | 114.0        | 135.2        | 141.1        | 4.4                         | 23.8                        |
| 1533           | Manufacture of prepared animal feeds                   | 48         | 108.4        | 108.4        | 108.4        | 112.1        | 117.0        | 127.0        | 126.9        | 0.0                         | 17.0                        |
| 1541           | Manufacture of bakery products, of which               | 21         | 125.5        | 127.9        | 129.0        | 129.9        | 133.3        | 135.8        | 136.6        | 0.6                         | 5.9                         |
| 15411/2        | <i>Bread manufacturing</i>                             | 15         | 131.1        | 134.5        | 135.9        | 135.9        | 140.0        | 142.0        | 142.0        | 0.0                         | 4.5                         |
| 15413          | <i>Biscuits manufacturing</i>                          | 6          | 111.6        | 111.6        | 111.6        | 115.0        | 116.7        | 120.3        | 123.1        | 2.4                         | 10.4                        |
| 1542           | Manufacture of sugar                                   | 14         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 0.0                         | 0.0                         |
| 1543           | Man. of cocoa, chocolate and sugar confectionery       | 3          | 114.0        | 114.0        | 114.0        | 114.0        | 122.6        | 122.6        | 122.6        | 0.0                         | 7.6                         |
| 1544           | Man. of macaroni, noodles and similar products         | 6          | 103.1        | 103.1        | 103.1        | 103.1        | 103.3        | 104.2        | 112.5        | 7.9                         | 9.0                         |
| 1549           | Manufacture of other food products                     | 14         | 111.1        | 110.3        | 110.4        | 110.0        | 106.2        | 106.0        | 107.6        | 1.5                         | -2.5                        |
| <b>155/16</b>  | <b>Manufacture of beverages and tobacco</b>            | <b>182</b> | <b>133.9</b> | <b>138.7</b> | <b>140.0</b> | <b>145.8</b> | <b>147.6</b> | <b>149.8</b> | <b>154.1</b> | <b>2.9</b>                  | <b>10.1</b>                 |
| 1551           | Distilling, blending & bottling of spirit              | 46         | 145.4        | 147.1        | 148.4        | 149.0        | 149.0        | 149.5        | 148.4        | -0.8                        | 0.0                         |
| 1552           | Wine   | 5          | 123.2        | 125.8        | 127.3        | 128.0        | 128.0        | 128.0        | 139.5        | 9.0                         | 9.6                         |
| 1553           | Beer   | 44         | 126.8        | 138.4        | 138.4        | 158.3        | 158.3        | 167.0        | 184.4        | 10.4                        | 33.3                        |
| 1554           | Soft drinks  | 55         | 137.4        | 141.8        | 144.0        | 144.0        | 144.4        | 144.4        | 144.8        | 0.3                         | 0.6                         |
| 1600           | Manufacture of tobacco products                        | 32         | 122.8        | 123.6        | 125.2        | 129.9        | 139.3        | 139.1        | 138.8        | -0.2                        | 10.8                        |
| <b>15/16</b>   | <b>Manufacture of food, beverages and tobacco</b>      | <b>487</b> | <b>119.8</b> | <b>121.4</b> | <b>122.9</b> | <b>125.9</b> | <b>128.1</b> | <b>132.8</b> | <b>135.6</b> | <b>2.1</b>                  | <b>10.3</b>                 |

**Table 9 - Monthly indices for the Manufacturing Sector, January 1999 - September 2004**  
*(Base: Year 1998 = 100)*

| <b>Month</b>          | <b>1999</b>  | <b>2000</b>  | <b>2001</b>  | <b>2002</b>  | <b>2003</b>  | <b>2004</b> |
|-----------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| January               | 101.5        | 103.7        | 108.2        | 113.9        | 118.5        | 123.9       |
| February              | 101.5        | 104.7        | 108.5        | 114.1        | 118.6        | 124.8       |
| March                 | 101.8        | 104.1        | 108.9        | 114.2        | 118.6        | 125.5       |
| April                 | 102.4        | 103.7        | 109.3        | 114.4        | 119.1        | 127.0       |
| May                   | 102.6        | 103.8        | 109.3        | 114.4        | 119.6        | 127.4       |
| June                  | 103.3        | 103.6        | 109.9        | 114.4        | 119.8        | 130.4       |
| July                  | 102.6        | 104.5        | 110.8        | 115.8        | 120.7        | 131.5       |
| August                | 102.6        | 104.5        | 111.6        | 116.1        | 120.9        | 132.1       |
| September             | 102.7        | 104.3        | 111.6        | 116.0        | 121.9        | 132.9       |
| October               | 102.8        | 105.0        | 111.9        | 116.6        | 123.3        |             |
| November              | 102.8        | 105.2        | 112.6        | 116.6        | 123.4        |             |
| December              | 102.9        | 105.5        | 113.1        | 117.1        | 123.9        |             |
| <b>Yearly average</b> | <b>102.5</b> | <b>104.4</b> | <b>110.5</b> | <b>115.3</b> | <b>120.7</b> |             |

**Table 10 - Monthly sub-indices for the Food, beverages and tobacco sub-group, January 1999 - September 2004 (Base: Year 1998 = 100 )**

| <b>Month</b>          | <b>1999</b>  | <b>2000</b>  | <b>2001</b>  | <b>2002</b>  | <b>2003</b>  | <b>2004</b> |
|-----------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| January               | 101.7        | 103.9        | 108.9        | 115.0        | 119.7        | 126.7       |
| February              | 101.6        | 106.0        | 108.9        | 115.0        | 119.9        | 128.0       |
| March                 | 101.5        | 104.7        | 109.9        | 115.0        | 119.8        | 129.5       |
| April                 | 102.4        | 104.5        | 110.2        | 115.3        | 120.9        | 131.7       |
| May                   | 102.4        | 104.4        | 110.2        | 115.3        | 121.6        | 132.3       |
| June                  | 103.9        | 103.7        | 111.5        | 115.5        | 121.8        | 134.5       |
| July                  | 102.6        | 104.9        | 112.6        | 116.3        | 123.2        | 135.1       |
| August                | 102.6        | 104.6        | 112.7        | 117.0        | 122.7        | 135.3       |
| September             | 102.6        | 104.6        | 112.6        | 117.0        | 122.8        | 136.3       |
| October               | 102.7        | 105.2        | 112.6        | 117.2        | 125.5        |             |
| November              | 102.7        | 105.4        | 114.0        | 117.3        | 125.6        |             |
| December              | 102.8        | 106.0        | 114.8        | 117.7        | 126.6        |             |
| <b>Yearly average</b> | <b>102.5</b> | <b>104.9</b> | <b>111.6</b> | <b>116.1</b> | <b>122.5</b> |             |

## ANNEX

### Methodology used in the computation of the Producer Price Index (PPI-M)

#### 1 Scope

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

#### 2 Weighting Scheme

The weights have been calculated from the gross output figures derived from the 1997 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 manufacturing sector.

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

#### 3 Reference Year

The reference year for the calculation of price relatives is 1998. The base price for a particular product is the arithmetic mean of the 12 monthly prices in 1998.

#### 4 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 (1998)