## PRODUCER PRICE INDEX - MANUFACTURING (PPI-M) 2nd Quarter 2006

## 1. Introduction

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

The Central Statistics Office first published a Producer Price Index limited to the "Manufacture of food products, beverages and tobacco" in March 1994 with 1993 as reference period. The index was subsequently revised in June 2002 to cover all relevant industry groups of the Non-EPZ manufacturing sector with year 1998 as base period.

In order to reflect changes in the production pattern of the sector, a new series of indices has been worked out based on an updated basket of goods derived from the results of the 2002 Census of Economic Activities, and using year 2003 as base period. Figures according to this revision have been compiled as from 2003.

This issue of the "Economic and Social Indicators" presents the new series of PPI-M from 2003 up to the 2nd quarter of 2006, broken down by 16 Divisions (2-digits level of the National Standard Industrial Classification of Economic Activities, NSIC). Producer Price Indices for the 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 . Tables 9 and 10 present the monthly indices as well as the quarterly and yearly averages for the manufacturing sector and the group "Manufacture of food products, beverages and tobacco" respectively. The methodology used for the calculation of the index is given in annex.

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

### 2.1 Monthly index

The Producer Price Index, which stood at 122.3 in March 2006 rose to 126.1 in June 2006 following increases of $0.9 \%$ in April and $1.1 \%$ in both May and June (Table 1).

The $0.9 \%$ rise in the overall index in April was mainly due to increases in the sub-indices of "Manufacture of food products, beverages and tobacco" (+0.7\%) and "Manufacture of electrical machinery and apparatus" (+17.9\%). The increase in the sub-index of "Food products, beverages and tobacco", which accounts for nearly 50\% of the overall weight, was mainly the effect of price increases of grain mill products (+2.5\%) and wine (+5.0\%).

In May, the index increased by $1.1 \%$ mainly due to increases in the sub-indices of "Publishing, printing and reproduction of recorded media" (+12.3\%) and "Manufacture of food products, beverages and tobacco" (+0.4\%). The increase in the latter sub-index was mainly attributable to higher prices of soft drinks (+2.6\%).

The index registered an increase of $1.1 \%$ in June. This was mainly the effect of increases in the sub-indices of "Manufacture of fabricated metal products" (+8.3\%), "Manufacture of food products, beverages and tobacco" (+0.5\%) and "Manufacture of electrical machinery and apparatus" (+22.0\%). The $0.5 \%$ increase in the sub-index of "Manufacture of food
products, beverages and tobacco" was mainly due to higher prices of tobacco products $(+15.4 \%)$ and beer ( $+5.0 \%$ ) partly offset by lower prices of some spirits ( $-11.6 \%$ ).

The evolution of the monthly index by NSIC group for the period 2003 to 2005 is shown in Tables 2, 3, 6 and 7.

### 2.2 Quarterly Index

Table 4 gives the evolution of the Producer Price Index on a quarterly basis, the quarterly index being computed as the arithmetic mean of the monthly indices. The index, which worked out to 121.5 for the first quarter, increased to 124.8 for the second quarter of 2006. This $2.7 \%$ growth was mainly due to increases in the sub-indices of "Manufacture of food products, beverages and tobacco" (+2.2\%), "Publishing, printing and reproduction of recorded media" (+10.6\%), "Manufacture of fabricated metal products" (+3.8\%) and "Manufacture of electrical machinery and apparatus" (+26.6\%).

Within "Food products, beverages and tobacco", "Beverages and tobacco" went up by $3.3 \%$ mainly due to higher prices of beer (+10.6\%) partly offset by lower prices of some spirits ( $-3.9 \%$ ) whilst "Food products" rose by $1.6 \%$, mostly explained by higher prices of prepared animal feeds (+2.8\%) and grain mill products (+2.5\%). Details of changes are shown in Table 8.

Compared to the corresponding quarter of 2005, the overall index for the second quarter of 2006 went up by $9.4 \%$, mainly due to increases in the sub-indices of "Manufacture of food, beverages and tobacco" (+9.7\%), "Publishing, printing and reproduction of recorded media" (+21.9\%), "Manufacture of other non-metallic mineral products" (+11.1\%) and "Manufacture of fabricated metal products" (+8.4\%).

Within "Manufacture of food products, beverages and tobacco", "Food products" increased by $7.9 \%$ and "Beverages and tobacco" by $13.4 \%$. At a more detailed level, significant increases were noted in the prices of tobacco products (+45.9\%), prepared animal feeds ( $+12.3 \%$ ), bakery products (+25.6\%) and beer (+15.6\%). Other details on changes that have occurred during that period are given in Tables 4 and 8.

### 2.3 Yearly Index

The yearly averages since year 2003 for the sector and the group "Manufacture of food products, beverages and tobacco" are shown in Tables 9 and 10 respectively. The yearly overall index for 2005 was 115.5 , i.e. $7.5 \%$ higher than the figure of 107.5 for 2004. The yearly average for "Manufacture of food products, beverages and tobacco" in 2005 works out to 114.7 compared to 108.4 a year ago, i.e. an increase of $5.8 \%$.

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Table 1 －Monthly indices by NSIC group，July 2005 to June 2006 －Manufacturing Sector

|  |  | $\pm$ |  |  |  |  |  |  |  |  |  |  |  | 8 | Percent changes（\％）from |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC | Activity group | 3 | 官 | 管 | i | $\stackrel{1}{0}$ | 家 | ٌ | － | $\stackrel{\text { ¢ }}{\text { ¢ }}$ | $\sum^{\text {TH }}$ | 交 | $\sum_{\sum}^{\text {E }}$ | 者 | Mar． 06 to Apr． 06 | $\begin{aligned} & \text { Apr. } 06 \text { to } \\ & \text { May } 06 \end{aligned}$ | $\begin{aligned} & \text { May to } \\ & \text { Jun. } 06 \end{aligned}$ |
| 15／16 | Manufacture of food products，beverages and tobacco | 484 | 116.7 | 116.8 | 116.8 | 117.2 | 118.2 | 118.4 | 119.8 | 120.2 | 121.8 | 122.7 | 123.2 | 123.9 | 0.7 | 0.4 | 0.5 |
| 17 | Manufacture of textiles | 20 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 114.5 | 0.0 | 0.0 | 6.7 |
| 18 | Manufacture of wearing apparel | 26 | 116.8 | 116.8 | 116.8 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 120.7 | 0.0 | 0.0 | 0.0 |
| 19 | Tanning，dressing of leather，manufacture of luggage，handbags，etc． | 5 | 120.4 | 120.4 | 120.4 | 116.9 | 116.9 | 116.9 | 116.9 | 116.9 | 116.9 | 112.7 | 112.7 | 112.7 | －3．6 | 0.0 | 0.0 |
| 20 | Manufacture of wood，wood products and cork except furniture | 10 | 105.9 | 105.9 | 105.9 | 105.9 | 108.3 | 108.3 | 110.2 | 110.2 | 110.2 | 110.2 | 117.9 | 118.1 | 0.0 | 7.0 | 0.1 |
| 21 | Manufacture of paper and paper products | 23 | 103.4 | 103.4 | 103.4 | 104.8 | 104.8 | 104.8 | 105.3 | 105.3 | 105.6 | 105.6 | 105.6 | 105.6 | 0.0 | 0.0 | 0.0 |
| 22 | Publishing，printing and reproduction of recorded media | 67 | 104.5 | 104.5 | 104.5 | 106.2 | 106.2 | 113.9 | 113.9 | 113.9 | 117.7 | 117.7 | 132.2 | 132.2 | 0.0 | 12.3 | 0.0 |
| 24 | Manufacture of chemicals and chemical products | 104 | 117.0 | 117.4 | 117.4 | 118.4 | 118.4 | 118.4 | 121.8 | 121.8 | 121.8 | 121.8 | 122.6 | 122.6 | 0.0 | 0.6 | 0.0 |
| 25 | Manufacture of rubber and plastic products | 26 | 117.5 | 117.5 | 117.5 | 118.2 | 120.2 | 120.2 | 119.7 | 120.2 | 120.2 | 123.6 | 123.6 | 123.6 | 2.8 | 0.0 | 0.0 |
| 26 | Manufacture of other non－metallic mineral products | 96 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 115.0 | 118.4 | 118.4 | 118.4 | 123.0 | 123.0 | 123.0 | 3.9 | 0.0 | 0.0 |
| 27 | Manufacture of basic metals | 39 | 142.8 | 136.8 | 132.7 | 145.7 | 145.7 | 145.7 | 145.7 | 145.7 | 145.7 | 145.7 | 145.7 | 145.7 | 0.0 | 0.0 | 0.0 |
| 28 | Manufacture of fabricated metal products | 54 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 137.1 | 137.1 | 137.1 | 138.5 | 138.5 | 150.0 | 1.0 | 0.0 | 8.3 |
| 31 | Manufacture of electrical machinery and apparatus | 5 | 138.4 | 138.4 | 145.9 | 145.9 | 145.9 | 145.9 | 164.1 | 164.1 | 164.1 | 193.5 | 193.5 | 236.1 | 17.9 | 0.0 | 22.0 |
| 32 | Manufacture of radio，television and communication equipment and apparatus | 7 | 127.5 | 122.5 | 131.3 | 131.3 | 131.3 | 131.3 | 131.3 | 131.3 | 131.3 | 131.3 | 128.1 | 128.1 | 0.0 | －2．4 | 0.0 |
| 34 | Manufacture of motor vehicles，trailers and semi－trailers | 4 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 110.6 | 110.6 | 110.6 | 110.6 | 110.6 | 110.6 | 0.0 | 0.0 | 0.0 |
| 36 | Manufacture of furniture，and manufacturing n．e．c． | 30 | 109.3 | 109.4 | 109.4 | 109.8 | 109.8 | 110.5 | 116.9 | 118.5 | 118.9 | 119.4 | 119.9 | 120.1 | 0.4 | 0.4 | 0.2 |
| 15－36 | Manufacturing sector | 1，000 | 116.6 | 116.4 | 116.3 | 117.4 | 117.9 | 119.0 | 120.9 | 121.2 | 122.3 | 123.4 | 124.8 | 126.1 | 0.9 | 1.1 | 1.1 |

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

| NSIC | Activity group | 塞 | ¢ | ¢ | $\begin{aligned} & \text { n } \\ & \stackrel{y}{1} \\ & \sum_{i}^{0} \end{aligned}$ | ¢ | $\stackrel{M}{\stackrel{M}{1}}$ | ¢ | $\stackrel{0}{0}$ | $\begin{aligned} & \text { O} \\ & 0.0 \\ & E / 2 \end{aligned}$ |  | M | $\begin{aligned} & \text { n} \\ & \dot{1} \\ & \text { Z } \end{aligned}$ | O | Average year 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15/16 | Manufacture of food products, beverages and tobacco | 484 | 97.9 | 98.1 | 98.6 | 99.2 | 99.7 | 99.8 | 99.9 | 100.4 | 100.5 | 101.7 | 101.8 | 102.6 | 100.0 |
| 17 | Manufacture of textiles | 20 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.0 |
| 18 | Manufacture of wearing apparel | 26 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 5 | 97.7 | 97.7 | 94.5 | 96.1 | 96.1 | 96.1 | 103.6 | 103.6 | 103.6 | 103.6 | 103.6 | 103.6 | 100.0 |
| 20 | Manufacture of wood, wood products and cork except furniture | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21 | Manufacture of paper and paper products | 23 | 100.1 | 100.1 | 100.1 | 100.1 | 100.2 | 100.0 | 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 100.0 |
| 22 | Publishing, printing and reproduction of recorded media | 67 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.8 | 100.8 | 100.8 | 100.8 | 100.8 | 100.8 | 100.0 |
| 24 | Manufacture of chemicals and chemical products | 104 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 99.7 | 99.7 | 99.7 | 101.6 | 101.6 | 101.9 | 102.1 | 100.0 |
| 25 | Manufacture of rubber and plastic products | 26 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 26 | Manufacture of other non-metallic mineral products | 96 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 103.3 | 103.3 | 103.3 | 103.3 | 100.0 |
| 27 | Manufacture of basic metals | 39 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 100.0 |
| 28 | Manufacture of fabricated metal products | 54 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 100.0 |
| 31 | Manufacture of electrical machinery and apparatus | 5 | 100.4 | 100.4 | 105.6 | 105.6 | 105.6 | 105.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 100.0 |
| 32 | Manufacture of radio, television and communication equipment and apparatus | 7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 34 | Manufacture of motor vehicles, trailers and semitrailers | 4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 30 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.7 | 101.0 | 101.3 | 100.0 |
| 15-36 | Manufacturing sector | 1,000 | 98.4 | 98.5 | 98.8 | 99.1 | 99.3 | 99.5 | 99.7 | 100.3 | 101.0 | 101.6 | 101.7 | 102.1 | 100.0 |

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

| NSIC | Activity group | 塞 | $\begin{aligned} & \text { İ } \\ & \underset{\sim}{i} \\ & \underset{\sim}{7} \end{aligned}$ |  |  | $\begin{aligned} & \text { I } \\ & \frac{1}{4} \end{aligned}$ | $\begin{aligned} & \text { I } \\ & \stackrel{\rightharpoonup}{\text { IN}} \\ & \Sigma \end{aligned}$ | ¢ |  | d do diol | $\begin{aligned} & \stackrel{\rightharpoonup}{\mathbf{1}} \\ & \stackrel{1}{\ddot{u}} \\ & \hline \end{aligned}$ | $\pm$ $\vdots$ 0 | J d d O | $\begin{aligned} & \text { J } \\ & \text { U0 } \\ & 0 \end{aligned}$ | Average year 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15/16 | Manufacture of food products, beverages and tobacco | 484 | 104.4 | 105.2 | 106.5 | 107.2 | 107.7 | 108.5 | 108.9 | 109.3 | 110.6 | 110.3 | 110.7 | 111.4 | 108.4 |
| 17 | Manufacture of textiles | 20 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 |
| 18 | Manufacture of wearing apparel | 26 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 107.7 | 107.7 | 107.7 | 101.9 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 5 | 103.6 | 103.6 | 103.6 | 107.5 | 107.5 | 108.1 | 109.9 | 109.9 | 109.9 | 110.6 | 111.1 | 112.4 | 108.1 |
| 20 | Manufacture of wood, wood products and cork except furniture | 10 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.0 | 102.0 | 102.0 | 102.6 |
| 21 | Manufacture of paper and paper products | 23 | 98.5 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.4 | 98.5 | 98.4 | 98.4 |
| 22 | Publishing, printing and reproduction of recorded media | 67 | 100.8 | 100.8 | 100.8 | 100.8 | 100.8 | 100.8 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 102.7 |
| 24 | Manufacture of chemicals and chemical products | 104 | 103.0 | 103.7 | 103.7 | 104.4 | 104.4 | 104.4 | 105.4 | 108.2 | 109.8 | 110.2 | 110.2 | 110.2 | 106.5 |
| 25 | Manufacture of rubber and plastic products | 26 | 100.0 | 100.0 | 100.0 | 105.0 | 105.0 | 105.7 | 105.8 | 107.9 | 107.9 | 108.9 | 116.3 | 115.6 | 106.5 |
| 26 | Manufacture of other non-metallic mineral products | 96 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.3 | 103.6 | 103.6 | 103.6 | 103.6 | 103.4 |
| 27 | Manufacture of basic metals | 39 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 145.2 | 145.2 | 145.2 | 145.2 | 145.2 | 145.2 | 145.2 | 128.1 |
| 28 | Manufacture of fabricated metal products | 54 | 101.5 | 102.9 | 102.9 | 106.5 | 106.5 | 111.2 | 113.4 | 113.4 | 113.4 | 113.4 | 113.4 | 113.7 | 109.3 |
| 31 | Manufacture of electrical machinery and apparatus | 5 | 96.1 | 96.1 | 103.7 | 103.7 | 116.0 | 116.0 | 116.0 | 116.0 | 116.0 | 116.0 | 127.1 | 127.1 | 112.5 |
| 32 | Manufacture of radio, television and communication equipment and apparatus | 7 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 | 127.5 |
| 34 | Manufacture of motor vehicles, trailers and semitrailers | 4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 | 103.4 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 30 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 102.5 | 105.2 | 105.2 | 105.4 | 105.4 | 105.6 | 103.1 |
| 15-36 | Manufacturing sector | 1,000 | 103.3 | 103.8 | 104.5 | 105.3 | 105.6 | 107.8 | 108.5 | 109.2 | 110.0 | 110.1 | 110.6 | 110.9 | 107.5 |

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

| NSIC | Activity group | $\begin{aligned} & \text { E0 } \\ & \text { 品 } \\ & 3 \end{aligned}$ | $\begin{aligned} & \text { Lin } \\ & \substack{1 \\ \\ \hline} \end{aligned}$ | $\begin{aligned} & \text { LO } \\ & \vdots \\ & \vdots \\ & \hline 1 \end{aligned}$ |  |  |  | N | $\begin{aligned} & \text { LO } \\ & \stackrel{1}{B} \\ & \hline 1 \end{aligned}$ | 200 | ¢00 | بٌ | L20 | $\begin{aligned} & \text { H0 } \\ & \stackrel{y}{0} \\ & 0 \end{aligned}$ | Average year 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15/16 | Manufacture of food products, beverages and tobacco | 484 | 111.6 | 111.8 | 111.8 | 112.3 | 112.3 | 112.3 | 116.7 | 116.8 | 116.8 | 117.2 | 118.2 | 118.4 | 114.7 |
| 17 | Manufacture of textiles | 20 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 |
| 18 | Manufacture of wearing apparel | 26 | 107.7 | 107.7 | 107.7 | 107.7 | 107.7 | 116.8 | 116.8 | 116.8 | 116.8 | 120.7 | 120.7 | 120.7 | 114.0 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 5 | 112.4 | 115.5 | 115.5 | 115.5 | 115.5 | 116.0 | 120.4 | 120.4 | 120.4 | 116.9 | 116.9 | 116.9 | 116.9 |
| 20 | Manufacture of wood, wood products and cork except furniture | 10 | 101.9 | 101.9 | 101.9 | 103.9 | 103.9 | 103.9 | 105.9 | 105.9 | 105.9 | 105.9 | 108.3 | 108.3 | 104.8 |
| 21 | Manufacture of paper and paper products | 23 | 102.3 | 102.4 | 102.8 | 103.9 | 103.9 | 104.0 | 103.4 | 103.4 | 103.4 | 104.8 | 104.8 | 104.8 | 103.7 |
| 22 | Publishing, printing and reproduction of recorded media | 67 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 106.2 | 106.2 | 113.9 | 105.6 |
| 24 | Manufacture of chemicals and chemical products | 104 | 115.8 | 117.0 | 117.0 | 117.0 | 117.0 | 117.0 | 117.0 | 117.4 | 117.4 | 118.4 | 118.4 | 118.4 | 117.3 |
| 25 | Manufacture of rubber and plastic products | 26 | 109.4 | 109.4 | 109.0 | 117.0 | 117.7 | 117.5 | 117.5 | 117.5 | 117.5 | 118.2 | 120.2 | 120.2 | 115.9 |
| 26 | Manufacture of other non-metallic mineral products | 96 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 115.0 | 111.1 |
| 27 | Manufacture of basic metals | 39 | 145.2 | 145.2 | 145.2 | 140.0 | 145.4 | 134.6 | 142.8 | 136.8 | 132.7 | 145.7 | 145.7 | 145.7 | 142.1 |
| 28 | Manufacture of fabricated metal products | 54 | 126.6 | 128.7 | 128.7 | 129.4 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 132.3 | 131.0 |
| 31 | Manufacture of electrical machinery and apparatus | 5 | 127.1 | 127.1 | 138.4 | 138.4 | 138.4 | 138.4 | 138.4 | 138.4 | 145.9 | 145.9 | 145.9 | 145.9 | 139.0 |
| 32 | Manufacture of radio, television and communication equipment and apparatus | 7 | 150.0 | 150.0 | 150.0 | 125.0 | 125.0 | 127.5 | 127.5 | 122.5 | 131.3 | 131.3 | 131.3 | 131.3 | 133.5 |
| 34 | Manufacture of motor vehicles, trailers and semitrailers | 4 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 | 107.0 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 30 | 109.1 | 109.1 | 109.2 | 109.2 | 109.2 | 109.2 | 109.3 | 109.4 | 109.4 | 109.8 | 109.8 | 110.5 | 109.4 |
| 15-36 | Manufacturing sector | 1,000 | 113.3 | 113.7 | 113.7 | 113.9 | 114.3 | 114.1 | 116.6 | 116.4 | 116.3 | 117.4 | 117.9 | 119.0 | 115.5 |

Table 4 - Quarterly indices by NSIC group, 3rd Quarter 2004 to 2nd Quarter 2006 - Manufacturing Sector

|  | Activity group | $\begin{aligned} & \frac{7}{30} \\ & 3 \\ & 3 \end{aligned}$ | 2004 |  | 2005 |  |  |  | 2006 |  | Percent changes (\%) from |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC |  |  | 3rd Qr. | 4th Qr. | 1st Qr. | 2nd Qr. | 3rd Qr. | 4th Qr. | 1st Qr. | 2nd Qr. | $\begin{gathered} \text { 1st Qr. } 06 \text { to } \\ \text { 2nd Qr. } 06 \end{gathered}$ | $\begin{array}{\|c\|} \text { 2nd Qr. } 05 \text { to } \\ \text { 2nd Qr. } 06 \\ \hline \end{array}$ |
| 15/16 | Manufacture of food products, beverages and tobacco | 484 | 109.6 | 110.8 | 111.7 | 112.3 | 116.8 | 117.9 | 120.6 | 123.3 | 2.2 | 9.7 |
| 17 | Manufacture of textiles | 20 | 100.7 | 100.7 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 109.7 | 2.2 | 2.2 |
| 18 | Manufacture of wearing apparel | 26 | 100.0 | 107.7 | 107.7 | 110.7 | 116.8 | 120.7 | 120.7 | 120.7 | 0.0 | 9.0 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 5 | 109.9 | 111.4 | 114.5 | 115.7 | 120.4 | 116.9 | 116.9 | 112.7 | -3.6 | -2.6 |
| 20 | Manufacture of wood, wood products and cork except furniture | 10 | 102.8 | 102.0 | 101.9 | 103.9 | 105.9 | 107.5 | 110.2 | 115.4 | 4.7 | 11.1 |
| 21 | Manufacture of paper and paper products | 23 | 98.4 | 98.4 | 102.5 | 103.9 | 103.4 | 104.8 | 105.4 | 105.6 | 1.6 | 1.6 |
| 22 | Publishing, printing and reproduction of recorded media | 67 | 104.5 | 104.5 | 104.5 | 104.5 | 104.5 | 108.8 | 115.2 | 127.4 | 10.6 | 21.9 |
| 24 | Manufacture of chemicals and chemical products | 104 | 107.8 | 110.2 | 116.6 | 117.0 | 117.3 | 118.4 | 121.8 | 122.4 | 0.4 | 4.6 |
| 25 | Manufacture of rubber and plastic products | 26 | 107.2 | 113.6 | 109.3 | 117.4 | 117.5 | 119.5 | 120.0 | 123.6 | 3.0 | 5.3 |
| 26 | Manufacture of other non-metallic mineral products | 96 | 103.4 | 103.6 | 110.7 | 110.7 | 110.7 | 112.1 | 118.4 | 123.0 | 3.9 | 11.1 |
| 27 | Manufacture of basic metals | 39 | 145.2 | 145.2 | 145.2 | 140.0 | 137.5 | 145.7 | 145.7 | 145.7 | 0.0 | 4.1 |
| 28 | Manufacture of fabricated metal products | 54 | 113.4 | 113.5 | 128.0 | 131.4 | 132.3 | 132.3 | 137.1 | 142.4 | 3.8 | 8.4 |
| 31 | Manufacture of electrical machinery and apparatus | 5 | 116.0 | 123.4 | 130.8 | 138.4 | 140.9 | 145.9 | 164.1 | 207.7 | 26.6 | 50.1 |
| 32 | Manufacture of radio, television and <br> communication equipment and apparatus | 7 | 127.5 | 127.5 | 150.0 | 125.8 | 127.1 | 131.3 | 131.3 | 129.2 | -1.6 | 2.6 |
| 34 | Manufacture of motor vehicles, trailers and semi trailers | 4 | 103.4 | 103.4 | 107.0 | 107.0 | 107.0 | 107.0 | 110.6 | 110.6 | 0.0 | 3.4 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 30 | 104.3 | 105.5 | 109.1 | 109.2 | 109.4 | 110.0 | 118.1 | 119.8 | 1.4 | 9.7 |
| 15-36 | Manufacturing sector | 1,000 | 109.2 | 110.5 | 113.6 | 114.1 | 116.4 | 118.1 | 121.5 | 124.8 | 2.7 | 9.4 |

Table 5 - Food, beverages and tobacco: Monthly indices by NSIC Group, July 2005 to June 2006
Year 2003 = 100

| NSIC | Activity group | $\begin{aligned} & \text { E. } \\ & \text { E00 } \\ & \text { 300 } \\ & 3 \end{aligned}$ | 道 | $\begin{aligned} & \text { Lol } \\ & \text { id } \\ & \text { Do } \end{aligned}$ | $\begin{aligned} & \text { 능 } \\ & \dot{y} \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \text { 은 } \\ & \stackrel{1}{0} \end{aligned}$ | $\begin{aligned} & \text { LO } \\ & \text { B } \\ & \text { B } \\ & \text { Z } \end{aligned}$ | $\begin{aligned} & \text { LO } \\ & \stackrel{1}{\Delta} \\ & 0.0 \end{aligned}$ | $\begin{aligned} & \text { ¢ } \\ & \text { i } \\ & \text { 镸 } \end{aligned}$ | $\begin{aligned} & 0 \\ & 1 \\ & \vdots \\ & \text { i } \end{aligned}$ | $\begin{aligned} & \hline 8 \\ & \stackrel{1}{1} \\ & \sum \end{aligned}$ | $\begin{aligned} & 8 \\ & \hline 1 \\ & \frac{1}{4} \end{aligned}$ |  | $\begin{aligned} & \text { O} \\ & \hline 1 \\ & \hline \end{aligned}$ | Percent changes (\%) from |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Mar. } 06 \text { to } \\ \text { Apr. } 06 \end{array}$ | $\begin{array}{\|c\|} \hline \text { Apr. } 06 \text { to } \\ \text { May } 06 \end{array}$ | May to Jun. 06 |
| 151-154 | Manufacture of food products | 324 | 115.2 | 115.5 | 115.4 | 116.0 | 116.1 | 116.2 | 118.3 | 119.0 | 119.8 | 120.7 | 121.1 | 121.1 | 0.7 | 0.3 | 0.1 |
| 1511 | Production, processing and preservation of meat and meat products | 91 | 110.4 | 110.7 | 111.1 | 111.2 | 111.5 | 111.5 | 111.5 | 112.3 | 112.3 | 112.3 | 112.3 | 112.3 | 0.0 | 0.0 | 0.0 |
| 1512 | Proc. and preservation of fish and fish products | 7 | 135.9 | 135.9 | 135.9 | 136.7 | 136.7 | 136.7 | 141.1 | 151.3 | 151.3 | 151.7 | 151.7 | 151.7 | 0.3 | 0.0 | 0.0 |
| 1513 | Proc. and preserving of fruits and vegetables | 21 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.3 | 123.5 | 123.5 | 125.0 | 125.0 | 125.0 | 1.2 | 0.0 | 0.0 |
| 1514 | Manufacture of vegetable and animal oils and fats | 39 | 106.2 | 106.2 | 104.3 | 104.3 | 104.3 | 104.3 | 105.1 | 105.3 | 105.6 | 105.6 | 106.1 | 106.1 | 0.0 | 0.5 | 0.0 |
| 1520 | Manufacture of dairy products | 30 | 123.9 | 123.9 | 123.9 | 123.9 | 123.9 | 124.4 | 124.4 | 124.4 | 124.4 | 125.9 | 127.8 | 127.8 | 1.2 | 1.5 | 0.0 |
| 1531 | Manufacture of grain mill products | 46 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 122.0 | 122.0 | 122.0 | 125.1 | 125.1 | 125.1 | 2.5 | 0.0 | 0.0 |
| 1533 | Manufacture of prepared animal feeds | 43 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 135.4 | 135.4 | 135.4 | 135.4 | 0.0 | 0.0 | 0.0 |
| 1541 | Manufacture of bakery products, of which | 22 | 109.9 | 109.9 | 109.9 | 118.1 | 118.1 | 118.1 | 135.8 | 136.4 | 136.4 | 137.3 | 137.3 | 139.4 | 0.7 | 0.0 | 1.5 |
| $\begin{array}{\|c\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing with or without pastry | 17 | 108.0 | 108.0 | 108.0 | 118.6 | 118.6 | 118.6 | 141.5 | 141.5 | 141.5 | 141.5 | 141.5 | 144.2 | 0.0 | 0.0 | 1.9 |
| 15413 | Biscuits manufacturing | 5 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 118.8 | 118.8 | 123.1 | 123.1 | 123.1 | 3.6 | 0.0 | 0.0 |
| 1542 | Manufacture of sugar | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 |
| 1543 | Man. of cocoa, chocolate and sugar confectionery | 1 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 114.7 | 114.7 | 114.7 | 6.2 | 0.0 | 0.0 |
| 1544 | Man. of macaroni, noodles and similar products | 6 | 108.8 | 116.3 | 116.3 | 116.3 | 116.3 | 116.3 | 120.6 | 121.7 | 121.7 | 121.7 | 121.7 | 121.7 | 0.0 | 0.0 | 0.0 |
| 1549 | Manufacture of other food products | 8 | 97.2 | 97.8 | 99.7 | 100.3 | 100.3 | 101.2 | 100.1 | 101.1 | 102.9 | 108.0 | 113.0 | 110.2 | 5.0 | 4.6 | -2.5 |
| 155/16 | Manufacture of beverages and tobacco | 160 | 119.6 | 119.6 | 119.6 | 119.6 | 122.4 | 122.8 | 122.8 | 122.8 | 125.9 | 126.7 | 127.6 | 129.5 | 0.6 | 0.7 | 1.5 |
| 1551 | Distilling, blending \& bottling of spirit | 43 | 106.3 | 106.3 | 106.3 | 106.3 | 116.2 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 104.1 | 0.0 | 0.0 | -11.6 |
| 1552 | Wine | 11 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 145.8 | 145.8 | 153.7 | 5.0 | 0.0 | 5.4 |
| 1553 | Beer | 28 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 148.9 | 148.9 | 148.9 | 156.3 | 0.0 | 0.0 | 5.0 |
| 1554 | Soft drinks | 53 | 104.4 | 104.4 | 104.4 | 104.4 | 104.8 | 104.8 | 104.8 | 104.8 | 104.8 | 105.5 | 108.3 | 108.3 | 0.7 | 2.6 | 0.0 |
| 1600 | Manufacture of tobacco products | 25 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 177.3 | 0.0 | 0.0 | 15.4 |
| 15/16 | Manufacture of food, beverages and tobacco | 484 | 116.7 | 116.8 | 116.8 | 117.2 | 118.2 | 118.4 | 119.8 | 120.2 | 121.8 | 122.7 | 123.2 | 123.9 | 0.7 | 0.4 | 0.5 |

Table 6 －Food，beverages and tobacco：Monthly indices by NSIC Group for the base period（Year 2003）

| NSIC | Activity group | 罙 | $\begin{aligned} & \text { M } \\ & \stackrel{1}{1} \\ & \stackrel{1}{n} \end{aligned}$ |  | $\begin{aligned} & \text { N } \\ & \stackrel{y}{4} \\ & \stackrel{y}{7} \end{aligned}$ |  | $\begin{aligned} & \stackrel{N}{0} \\ & \vdots \\ & \stackrel{\rightharpoonup}{心} \\ & \hline \end{aligned}$ | M | $\frac{N}{\underset{E}{E}}$ | 0 0 do bil | $\begin{aligned} & \text { 饣} \\ & \stackrel{1}{1} \\ & \stackrel{\rightharpoonup}{n} \\ & \hline \end{aligned}$ | 00 | $\begin{aligned} & \text { n } \\ & \text { B } \\ & \text { Z } \end{aligned}$ | 000 | Average year 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 151－154 | Manufacture of food products | 324 | 98.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.2 | 100.4 | 100.9 | 101.2 | 101.5 | 100.0 |
| 1511 | Production，processing and preservation of meat and meat products | 91 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 100.0 |
| 1512 | Proc．and preservation of fish and fish products | 7 | 98.2 | 98.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.8 | 100.8 | 100.8 | 100.0 |
| 1513 | Proc．and preserving of fruits and vegetables | 21 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 101.3 | 102.3 | 102.3 | 104.0 | 100.0 |
| 1514 | Manufacture of vegetable and animal oils and fats | 39 | 92.0 | 92.6 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 100.0 |
| 1520 | Manufacture of dairy products | 30 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 102.8 | 104.1 | 100.0 |
| 1531 | Manufacture of grain mill products | 46 | 103.9 | 103.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 |
| 1533 | Manufacture of prepared animal feeds | 43 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 102.5 | 102.5 | 102.5 | 100.0 |
| 1541 | Manufacture of bakery products，of which | 22 | 95.2 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.8 | 100.8 | 100.8 | 101.5 | 101.5 | 101.5 | 100.0 |
| $\begin{array}{\|c\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing with or without pastry | 17 | 94.0 | 97.6 | 100.2 | 100.2 | 100.2 | 100.2 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 100.0 |
| 15413 | Biscuits manufacturing | 5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 102.2 | 102.2 | 102.2 | 100.0 |
| 1542 | Manufacture of sugar | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1543 | Man．of cocoa，chocolate and sugar confectionery | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1544 | Man．of macaroni，noodles and similar products | 6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1549 | Manufacture of other food products | 8 | 100.8 | 100.4 | 100.0 | 99.6 | 99.8 | 100.5 | 100.4 | 100.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 |
| 155／16 | Manufacture of beverages and tobacco | 160 | 96.2 | 96.2 | 96.7 | 98.4 | 99.9 | 100.2 | 100.2 | 100.6 | 100.6 | 103.1 | 103.1 | 104.8 | 100.0 |
| 1551 | Distilling，blending \＆bottling of spirit | 43 | 97.7 | 97.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 100.0 |
| 1552 | Wine | 11 | 97.2 | 97.2 | 97.2 | 100.5 | 100.5 | 100.5 | 100.5 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 100.0 |
| 1553 | Beer | 28 | 90.2 | 90.2 | 90.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 112.6 | 112.6 | 112.6 | 100.0 |
| 1554 | Soft drinks | 53 | 97.0 | 97.0 | 97.0 | 97.0 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 101.5 | 100.0 |
| 1600 | Manufacture of tobacco products | 25 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 111.1 | 100.0 |
| 15／16 | Manufacture of food，beverages and tobacco | 484 | 97.9 | 98.1 | 98.6 | 99.2 | 99.7 | 99.8 | 99.9 | 100.4 | 100.5 | 101.7 | 101.8 | 102.6 | 100.0 |

Table 7a－Food，beverages and tobacco：Monthly indices by NSIC Group， 2004

| NSIC | Activity group | 長 | $\begin{aligned} & \text { İ } \\ & \text { İ } \\ & \text { In } \end{aligned}$ |  |  |  | $\begin{aligned} & \text { J } \\ & \stackrel{\rightharpoonup}{\grave{I}} \\ & \stackrel{\rightharpoonup}{\mathrm{I}} \end{aligned}$ | Z | $\underset{\Xi}{\underset{E}{E}}$ |  | $\begin{aligned} & \text { さे } \\ & \dot{1} \\ & \dot{山} \end{aligned}$ | I | $\begin{aligned} & \text { I } \\ & \text { ì } \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \underset{U}{U} \\ & \stackrel{0}{0} \end{aligned}$ | Average year 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 151－154 | Manufacture of food products | 324 | 104.1 | 105.3 | 107.2 | 108.3 | 109.0 | 109.0 | 109.5 | 110.1 | 111.6 | 110.9 | 110.7 | 111.6 | 109.0 |
| 1511 | Production，processing and preservation of meat and meat products | 91 | 101.1 | 104.2 | 104.2 | 107.2 | 107.2 | 107.2 | 107.4 | 107.8 | 107.8 | 107.8 | 107.8 | 107.8 | 106.4 |
| 1512 | Proc．and preservation of fish and fish products | 7 | 108.4 | 108.4 | 108.4 | 118.5 | 118.5 | 118.5 | 120.0 | 120.0 | 120.0 | 121.9 | 121.9 | 121.9 | 117.2 |
| 1513 | Proc．and preserving of fruits and vegetables | 21 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 105.5 | 105.5 | 109.2 | 109.2 | 109.2 | 109.2 | 106.0 |
| 1514 | Manufacture of vegetable and animal oils and fats | 39 | 101.5 | 101.5 | 101.5 | 101.8 | 105.6 | 105.6 | 105.6 | 105.6 | 105.6 | 106.0 | 106.0 | 106.1 | 104.4 |
| 1520 | Manufacture of dairy products | 30 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 108.9 | 108.9 | 108.9 | 108.9 | 112.6 | 106.4 |
| 1531 | Manufacture of grain mill products | 46 | 116.9 | 116.9 | 116.9 | 116.9 | 118.3 | 118.3 | 120.2 | 120.2 | 128.9 | 122.5 | 121.4 | 121.4 | 119.9 |
| 1533 | Manufacture of prepared animal feeds | 43 | 102.5 | 102.5 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 120.5 | 114.2 |
| 1541 | Manufacture of bakery products，of which | 22 | 101.5 | 105.4 | 106.7 | 106.8 | 106.8 | 106.8 | 107.3 | 107.3 | 107.3 | 108.6 | 108.6 | 108.6 | 106.8 |
| $\begin{aligned} & 15411 / \\ & 15412 \\ & \hline \end{aligned}$ | Bread manufacturing with or without pastry | 17 | 101.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 108.0 | 108.0 | 108.0 | 106.3 |
| 15413 | Biscuits manufacturing | 5 | 102.2 | 102.2 | 108.2 | 108.4 | 108.4 | 108.4 | 110.5 | 110.5 | 110.5 | 110.5 | 110.5 | 110.5 | 108.4 |
| 1542 | Manufacture of sugar | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1543 | Man．of cocoa，chocolate and sugar confectionery | 1 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 |
| 1544 | Man．of macaroni，noodles and similar products | 6 | 100.0 | 100.0 | 100.7 | 102.0 | 108.1 | 108.1 | 108.1 | 108.1 | 108.1 | 108.1 | 108.1 | 108.1 | 105.6 |
| 1549 | Manufacture of other food products | 8 | 98.8 | 98.8 | 98.8 | 99.6 | 98.1 | 97.7 | 98.7 | 100.0 | 98.6 | 98.9 | 97.9 | 97.9 | 98.7 |
| 155／16 | Manufacture of beverages and tobacco | 160 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 107.4 | 107.6 | 107.6 | 108.5 | 109.3 | 110.8 | 110.8 | 107.2 |
| 1551 | Distilling，blending \＆bottling of spirit | 43 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 104.0 | 104.0 | 100.5 |
| 1552 | Wine | 11 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 102.1 | 102.1 | 115.9 | 126.9 | 126.9 | 126.9 | 109.0 |
| 1553 | Beer | 28 | 112.6 | 112.6 | 112.6 | 112.6 | 112.6 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 123.3 |
| 1554 | Soft drinks | 53 | 102.0 | 102.0 | 102.0 | 102.0 | 102.0 | 102.0 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.2 |
| 1600 | Manufacture of tobacco products | 25 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.8 |
| 15／16 | Manufacture of food，beverages and tobacco | 484 | 104.4 | 105.2 | 106.5 | 107.2 | 107.7 | 108.5 | 108.9 | 109.3 | 110.6 | 110.3 | 110.7 | 111.4 | 108.4 |

Table 7b - Food, beverages and tobacco: Monthly indices by NSIC Group, 2005

| Year 2003 = 100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC | Activity group | $\begin{aligned} & \text { E00 } \\ & \text { 品 } \\ & 3 \end{aligned}$ | $\begin{gathered} \text { L20 } \\ \substack{\text { in }} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { 능 } \\ & \vdots \\ & \stackrel{1}{1} \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \text { 毕 } \\ & \vdots \end{aligned}$ |  | Lon | $\frac{10}{\stackrel{1}{E}}$ | $\begin{aligned} & \text { 능 } \\ & 0.1 \\ & \text { do } \end{aligned}$ | $\begin{aligned} & \text { 믕 } \\ & \dot{1} \\ & \stackrel{1}{4} \end{aligned}$ | $\begin{aligned} & \text { in } \\ & \stackrel{1}{4} \\ & \hline \end{aligned}$ | $\begin{aligned} & 20 \\ & 1 \\ & \stackrel{1}{8} \\ & 8 \end{aligned}$ |  | Average year 2005 |
| 151-154 | Manufacture of food products | 324 | 111.7 | 111.6 | 111.7 | 112.1 | 112.1 | 112.1 | 115.2 | 115.5 | 115.4 | 116.0 | 116.1 | 116.2 | 113.8 |
| 1511 | Production, processing and preservation of meat and meat products | 91 | 107.8 | 107.8 | 107.8 | 107.9 | 107.9 | 107.9 | 110.4 | 110.7 | 111.1 | 111.2 | 111.5 | 111.5 | 109.5 |
| 1512 | Proc. and preservation of fish and fish products | 7 | 135.2 | 135.2 | 135.2 | 135.2 | 135.2 | 135.2 | 135.9 | 135.9 | 135.9 | 136.7 | 136.7 | 136.7 | 135.7 |
| 1513 | Proc. and preserving of fruits and vegetables | 21 | 109.2 | 109.2 | 109.2 | 109.2 | 110.2 | 110.2 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 115.6 |
| 1514 | Manufacture of vegetable and animal oils and fats | 39 | 106.1 | 106.2 | 106.2 | 106.2 | 106.2 | 106.2 | 106.2 | 106.2 | 104.3 | 104.3 | 104.3 | 104.3 | 105.6 |
| 1520 | Manufacture of dairy products | 30 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 123.9 | 123.9 | 123.9 | 123.9 | 123.9 | 124.4 | 122.6 |
| 1531 | Manufacture of grain mill products | 46 | 114.2 | 114.2 | 114.2 | 115.6 | 115.6 | 115.6 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 116.0 |
| 1533 | Manufacture of prepared animal feeds | 43 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 129.8 | 125.2 |
| 1541 | Manufacture of bakery products, of which | 22 | 108.6 | 108.6 | 108.6 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 118.1 | 118.1 | 118.1 | 111.6 |
| $\begin{array}{\|l\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing with or without pastry | 17 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 118.6 | 118.6 | 118.6 | 110.7 |
| 15413 | Biscuits manufacturing | 5 | 110.5 | 110.5 | 110.5 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 114.9 |
| 1542 | Manufacture of sugar | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1543 | Man. of cocoa, chocolate and sugar confectionery | 1 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 |
| 1544 | Man. of macaroni, noodles and similar products | 6 | 108.1 | 108.1 | 108.1 | 108.8 | 108.8 | 108.8 | 108.8 | 116.3 | 116.3 | 116.3 | 116.3 | 116.3 | 111.7 |
| 1549 | Manufacture of other food products | 8 | 97.8 | 96.1 | 95.7 | 99.2 | 98.2 | 98.2 | 97.2 | 97.8 | 99.7 | 100.3 | 100.3 | 101.2 | 98.5 |
| 155/16 | Manufacture of beverages and tobacco | 160 | 111.5 | 112.1 | 112.1 | 112.8 | 112.8 | 112.8 | 119.6 | 119.6 | 119.6 | 119.6 | 122.4 | 122.8 | 116.5 |
| 1551 | Distilling, blending \& bottling of spirit | 43 | 104.0 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 106.3 | 116.2 | 117.7 | 107.9 |
| 1552 | Wine | 11 | 126.9 | 126.9 | 126.9 | 137.1 | 137.1 | 137.1 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 138.9 | 135.5 |
| 1553 | Beer | 28 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 |
| 1554 | Soft drinks | 53 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.4 | 104.8 | 104.8 | 104.5 |
| 1600 | Manufacture of tobacco products | 25 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 153.5 | 132.1 |
| 15/16 | Manufacture of food, beverages and tobacco | 484 | 111.6 | 111.8 | 111.8 | 112.3 | 112.3 | 112.3 | 116.7 | 116.8 | 116.8 | 117.2 | 118.2 | 118.4 | 114.7 |

Table 8 - Food, beverages and tobacco: Quarterly indices by NSIC Group, 3rd Quarter 2004 to 2nd Quarter 2006

| NSIC | Activity group | $\begin{aligned} & \text { E } \\ & \text { 品 } \\ & 3 \\ & 3 \end{aligned}$ | 2004 |  | 2005 |  |  |  | 2006 |  | Percent changes (\%) from |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3rd Qr. | 4th Qr. | 1st Qr. | 2nd Qr. | 3rd Qr. | 4th Qr. | 1st Qr. | 2nd Qr. | $\begin{gathered} \hline \text { 1st Qr. } 06 \text { to } \\ \text { 2nd Qr. } 06 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { 2nd Qr. } 05 \text { to } \\ \text { 2nd Qr. } 06 \\ \hline \end{array}$ |
| 151-154 | Manufacture of food products | 324 | 110.4 | 111.1 | 111.7 | 112.1 | 115.4 | 116.1 | 119.0 | 121.0 | 1.6 | 7.9 |
| 1511 | Production, processing and preservation of meat and meat products | 91 | 107.6 | 107.8 | 107.8 | 107.9 | 110.7 | 111.4 | 112.0 | 112.3 | 0.2 | 4.1 |
| 1512 | Proc. and preservation of fish and fish products | 7 | 120.0 | 121.9 | 135.2 | 135.2 | 135.9 | 136.7 | 147.9 | 151.7 | 2.6 | 12.2 |
| 1513 | Proc. and preserving of fruits and vegetables | 21 | 106.8 | 109.2 | 109.2 | 109.9 | 121.6 | 121.6 | 122.7 | 125.0 | 1.8 | 13.8 |
| 1514 | Manufacture of vegetable and animal oils and fats | 39 | 105.6 | 106.0 | 106.2 | 106.2 | 105.6 | 104.3 | 105.3 | 105.9 | 0.6 | -0.2 |
| 1520 | Manufacture of dairy products | 30 | 107.3 | 110.1 | 121.2 | 121.2 | 123.9 | 124.0 | 124.4 | 127.2 | 2.2 | 5.0 |
| 1531 | Manufacture of grain mill products | 46 | 123.1 | 121.8 | 114.2 | 115.6 | 117.1 | 117.1 | 122.0 | 125.1 | 2.5 | 8.2 |
| 1533 | Manufacture of prepared animal feeds | 43 | 116.1 | 117.6 | 120.5 | 120.5 | 129.8 | 129.8 | 131.7 | 135.4 | 2.8 | 12.3 |
| 1541 | Manufacture of bakery products, of which | 22 | 107.3 | 108.6 | 108.6 | 109.9 | 109.9 | 118.1 | 136.2 | 138.0 | 1.3 | 25.6 |
| $\begin{aligned} & \hline 15411 / \\ & 15412 \\ & \hline \end{aligned}$ | Bread manufacturing with or without pastry | 17 | 106.3 | 108.0 | 108.0 | 108.0 | 108.0 | 118.6 | 141.5 | 142.4 | 0.6 | 31.9 |
| 15413 | Biscuits manufacturing | 5 | 110.5 | 110.5 | 110.5 | 116.4 | 116.4 | 116.4 | 118.0 | 123.1 | 4.3 | 5.7 |
| 1542 | Manufacture of sugar | 10 | 100.0 | 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 | 1 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 114.7 | 6.2 | 6.2 |
| 1544 | Man. of macaroni, noodles and similar products | 6 | 108.1 | 108.1 | 108.1 | 108.8 | 113.8 | 116.3 | 121.3 | 121.7 | 0.3 | 11.9 |
| 1549 | Manufacture of other food products | 8 | 99.1 | 98.2 | 96.5 | 98.6 | 98.2 | 100.6 | 101.4 | 110.4 | 9.0 | 12.0 |
| 155/16 | Manufacture of beverages and tobacco | 160 | 107.9 | 110.3 | 111.9 | 112.8 | 119.6 | 121.6 | 123.8 | 127.9 | 3.3 | 13.4 |
| 1551 | Distilling, blending \& bottling of spirit | 43 | 98.5 | 102.2 | 105.6 | 106.3 | 106.3 | 113.4 | 117.7 | 113.2 | -3.9 | 6.4 |
| 1552 | Wine | 11 | 106.7 | 126.9 | 126.9 | 137.1 | 138.9 | 138.9 | 138.9 | 148.4 | 6.9 | 8.2 |
| 1553 | Beer | 28 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 130.9 | 136.9 | 151.3 | 10.6 | 15.6 |
| 1554 | Soft drinks | 53 | 102.3 | 102.3 | 104.4 | 104.4 | 104.4 | 104.7 | 104.8 | 107.4 | 2.4 | 2.9 |
| 1600 | Manufacture of tobacco products | 25 | 110.7 | 110.7 | 110.7 | 110.7 | 153.5 | 153.5 | 153.5 | 161.4 | 5.1 | 45.9 |
| 15/16 | Manufacture of food, beverages and tobacco | 484 | 109.6 | 110.8 | 111.7 | 112.3 | 116.8 | 117.9 | 120.6 | 123.3 | 2.2 | 9.7 |

Table 9 - Monthly indices for the Manufacturing Sector, January 2003 - June 2006
(Base: Year 2003 = 100)

| Month | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| January | 98.4 | 103.3 | 113.3 | 120.9 |
| February | 98.5 | 103.8 | 113.7 | 121.2 |
| March | 98.8 | 104.5 | 113.7 | 122.3 |
| 1st quarter | 98.6 | 103.9 | 113.6 | 121.5 |
| April | 99.1 | 105.3 | 113.9 | 123.4 |
| May | 99.3 | 105.6 | 114.3 | 124.8 |
| June | 99.5 | 107.8 | 114.1 | 126.1 |
| 2nd Quarter | 99.3 | 106.2 | 114.1 | 124.8 |
| July | 99.7 | 108.5 | 116.6 |  |
| August | 100.3 | 109.2 | 116.4 |  |
| September | 101.0 | 110.0 | 116.3 |  |
| 3rd quarter | 100.3 | 109.2 | 116.4 |  |
| October | 101.6 | 110.1 | 117.4 |  |
| November | 101.7 | 110.6 | 117.9 |  |
| December | 102.1 | 110.9 | 119.0 |  |
| 4th quarter | 101.8 | 110.5 | 118.1 |  |
| Yearly average | 100.0 | 107.5 | 115.5 |  |
| Annual change (\%) |  | 7.5 | 7.5 |  |

Table 10 - Monthly sub-indices for the Food, beverages and tobacco sub-group - January 2003 - June 2006
(Base: Year 2003 = 100)

| Month | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| January | 97.9 | 104.4 | 111.6 | 119.8 |
| February | 98.1 | 105.2 | 111.8 | 120.2 |
| March | 98.6 | 106.5 | 111.8 | 121.8 |
| 1st quarter | 98.2 | 105.4 | 111.7 | 120.6 |
| April | 99.2 | 107.2 | 112.3 | 122.7 |
| May | 99.7 | 107.7 | 112.3 | 123.2 |
| June | 99.8 | 108.5 | 112.3 | 123.9 |
| 2nd quarter | 99.6 | 107.8 | 112.3 | 123.3 |
| July | 99.9 | 108.9 | 116.7 |  |
| August | 100.4 | 109.3 | 116.8 |  |
| September | 100.5 | 110.6 | 116.8 |  |
| 3rd quarter | 100.2 | 109.6 | 116.8 |  |
| October | 101.7 | 110.3 | 117.2 |  |
| November | 101.8 | 110.7 | 118.2 |  |
| December | 102.6 | 111.4 | 118.4 |  |
| 4th quarter | 102.0 | 110.8 | 117.9 |  |
| Yearly average | 100.0 | 108.4 | 114.7 |  |
| Annual change (\%) |  | 8.4 | 5.8 |  |

## ANNEX <br> Methodology used in the computation of the Producer Price Index (PPI-M)

## 1. Scope

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

## 2. Weighting Scheme

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

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

## 3. Price collection

Prices collected refer to the prices received by producers for the sale of their products on the local market. The prices exclude all taxes on products, namely excise duty and value added tax.

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

## 4. Reference Year

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

## 5. 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.

$$
\mathrm{I}_{\mathrm{c}}=\frac{\sum \mathrm{W}_{\mathrm{i}} *\left(\frac{\mathrm{P}_{\mathrm{ci}}}{\mathrm{P}_{0 \mathrm{i}}}\right)}{\sum \mathrm{W}_{\mathrm{i}}} * 100
$$

where Ic = Index for current month
$\mathrm{Wi}=$ Weight associated with product i
Pci = Price of product i for the current month
Poi = Price for product i for the reference period (2003)

