# PRODUCER PRICE INDEX - MANUFACTURING (PPI-M) 

## $4^{\text {th }}$ Quarter 2010

## 1. Introduction

This issue of the "Economic and Social Indicators (ESI)" presents a series of the PPI-M for the period January 2007 to December 2010.

The Producer Price Index (PPI-M) measures changes in the effective prices received by producers of the Manufacturing sector 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. Its coverage, therefore, excludes Export Oriented Enterprises whose outputs are usually meant for export.

The methodology for compiling the PPI-M is based on the current level of prices while keeping the weights constant as at a particular base year which is updated, usually every five years. The weights for the PPI-M has been updated based on the results of the 2007 Census of Economic Activities and the index is computed with year 2007 as base period $(2007=100)$.

The index is compiled and presented for 17 Divisions (2-digits level of the National Standard Industrial Classifications of all Economic Activities, NSIC). To meet demands of users for indices at more detailed level, the following divisions have been further disaggregated to present the index at finer levels of industrial classifications: (a) Division 15 -"Manufacture of food products and beverages", (b) Division 24 - "Manufacture of chemicals and chemical products "and, (c) Division 26 - "Manufacture of other non-metallic mineral products".

The monthly indices for the last 12 months (January 2010 to December 2010) are given in Table 1. Tables 2 to 4 present the monthly indices for 2009, 2008, 2007 respectively while the PPI-M for each quarter of 2009 and 2010 are given at Table 5.

Comparative monthly and quarterly indices for the manufacturing sector as well as for Division 15 "Manufacture of food products and beverages" for the period 1998 to 2010 are given at Table 6. The methodology used for the calculation of the index is given in annex.

## 2. $\quad$ Producer Price Index (Year $2007=100)$

### 2.1 Monthly Index

### 2.11 Manufacturing Sector

The Producer Price Index for the manufacturing sector, which stood at 114.8 in September 2010, registered a net increase of 2.1 points ( $+1.8 \%$ ) to reach 116.9 in December 2010. The index remained unchanged in October, gained 1.3 points ( $+1.1 \%$ ) in November and moved further up by 0.8 point ( $+0.7 \%$ ) in December (Table 1).
The increase in the overall index in November ( +1.3 points) was mainly explained by increases in the index of "Manufacture of food products and beverages" ( $+1.8 \%$ ), "Manufacture of furniture, and manufacturing n.e.c" $(+4.7 \%)$, "Manufacture of basic metals" $(+3.7 \%)$, partly offset by decreases in "Publishing, printing and reproduction of recorded media" ( $-2.0 \%$ ).

The index registered an increase of $0.7 \%$ in December. This was mostly due to the net effect of the changes of the index in the following activity groups: "Manufacture of food products and beverages" ( $+0.9 \%$ ), "Publishing, printing and reproduction of recorded media" (+4.7\%), "Manufacture of electrical machinery and apparatus" (+6.2\%). "Manufacture of basic metals" (-5.7\%) and "Manufacture of furniture, and manufacturing n.e.c" (-0.2\%).

Fig 1: Overall monthly indices January 2010 - December 2010
Manufacturing sector


Year and Month

As shown graphically in Fig. 1, a fairly stable period is noted from January to April followed by a rise from April to July, a stable period from July to October and a sharper rise during the last two months.

### 2.12 Manufacture of Food and Beverages

Fig 2: Overall monthly indices January 2010 - December 2010 Food products and
Beverages


The activity group "Manufacture of food products and beverages" accounts for more than $50 \%$ of the overall weight of the manufacturing sector. The index for this activity group dropped by 0.3 point (-0.3 \%) in October, moved up by 2 points ( $+1.8 \%$ ) in November and moved further up by 1 point ( $+0.9 \%$ ) in December.

The $0.3 \%$ decrease of the index for October was mostly explained by decreases in the following sub-indices: "Manufacture of grain mill products" (-2.2\%) and "Manufacture of wine" $(-0.1 \%)$ while the $1.8 \%$ increase in November was attributable to higher prices in "Distilling, blending \& bottling of spirit" ( $+7.9 \%$ ), "Beer" ( $+4.3 \%$ ) and "Manufacture of grain mill products" ( $+1.9 \%$ ). The increase in the index by $0.9 \%$ in December is mainly due to increases in the prices of "Manufacture of vegetable and animal oils and fats" ( $+11.3 \%$ ), "Manufacture of grain mill products" ( $+0.6 \%$ ), "Wine" (+2.3\%) and "Manufacture of other food products" (+0.8\%).

### 2.13 Manufacture of other non-metallic mineral products

The activity group 'Manufacture of other non-metallic mineral products' contributes around $11.7 \%$ of the total weight of the manufacturing sector. The index pertaining to this group increased by 2.8 points ( $+2.2 \%$ ) in October. It maintained the same level in November and December.

### 2.14 Manufacture of chemicals and chemical products

The sub-index "Manufacture of chemicals and chemical products" which accounts for $9.5 \%$ of the overall weight, dropped by 4.8 point ( $-3.9 \%$ ) from September to October 2010. It remained unchanged in November and rose by 0.7 point ( $+0.5 \%$ ) in December.

### 2.2 Quarterly Index

### 2.2.1 Manufacturing Sector

Table 5 gives the evolution of the Producer Price Index on a quarterly basis, the quarterly index being computed as the geometric mean of the monthly indices. The index, which was 114.9 in the third quarter of 2010, went up by 1 point ( $+0.9 \%$ ) to attain 115.9 in the fourth quarter of 2010. This growth was mainly due to higher prices in the "Manufacture of food products and beverages" (+1.2\%) "Manufacture of other non-metallic mineral products"

Fig 3: Overall quarterly indices, 3rd Quarter 2009 to 4th Quarter 2010 -
Manufacturing sector
 (+2.4\%), "Publishing, printing and reproduction of recorded media" (+3.3\%) and "Manufacture furniture, and manufacturing n.e.c" (+3.8\%).

Compared to the corresponding quarter of 2009, the overall index for the fourth quarter of 2010 moved up by 3.8 points ( $+3.4 \%$ ). This was largely attributable to increases in "Manufacture of food products and beverages" (+2.7\%), "Manufacture of other non-metallic mineral products" (+6.1\%), "Manufacture of textiles" (+61.6\%) and "Manufacture of furniture, and manufacturing n.e.c" (+6.4\%).

### 2.2.2 Manufacture of Food and Beverages

Within "Manufacture of food products and beverages", "Manufacture of food products" gained 0.4 point ( $+0.3 \%$ ) compared to the previous quarter of 2010. This was mostly explained by higher prices in "Manufacture of vegetable and animal oils and fats" ( $+4.7 \%$ ), "Manufacture of macaroni, noodles and similar products" $(+4.1 \%)$ and "Manufacture of other food products" $(+0.5 \%)$. The index for "Manufacture of beverages" increased by 3.8 points ( $+3.3 \%$ ) due to higher prices of "Distilling, blending \& bottling of spirit" $(+5.2 \%)$ and "Wine" ( $+2.8 \%$ ).

Fig 4: Overall quarterly indices: Q3 2009-Q4 2010 Food products and Beverages


Within "Manufacture of food products and beverages", "Manufacture of food products" registered an increase of 2 points (+1.8\%) and "Manufacture of beverages" by 5.9 point ( $+5.1 \%$ ) compared to the corresponding quarter of 2009. At a more detailed level, increases were noted in "Beer" ( $+4.4 \%$ ), "Production, processing and preservation of meat and meat products" (+2.7\%), "Distilling, blending \& bottling of spirit" (+5.2\%), and "Manufacture of macaroni, noodles and similar products" (+12.7\%).

### 2.2.3 Manufacture of other non-metallic mineral products

The index registered an increase of 3 points ( $+2.4 \%$ ) compared to the third quarter of 2010 and gained 7.4 points $(+6.1 \%)$ when compared to the corresponding quarter of 2009. These are mainly the results of higher prices in activities related to stone crushing.

### 2.2.4 Manufacture of chemicals and chemical products

The index fell by 4.6 points ( $-3.7 \%$ ) compared to the previous quarter of 2010. This was mainly due to increases in "Manufacture of basic chemicals, except fertilizers and nitrogen compounds" $(-25.0 \%)$. Compared to the corresponding quarter of 2009, the index moved up by 2.1 points ( $+1.8 \%$ ) mostly attributable to higher prices in "Manufacture of soap, detergents and cleaning preparations and cosmetics" (+6.4\%).

### 2.3 Yearly Index

The yearly averages since year 1998 for the sector and the group "Manufacture of food products and beverages" are shown in Tables 6(a) and 6(b) respectively. The yearly overall index for 2010 was 114.3 i.e 2.6 points ( $+2.3 \%$ ) higher than the figure of 111.7 in 2009 . The yearly average for "Manufacture of food products and beverages" in 2010 was 113.5 compared to 112.9 in 2009, i.e., an increase of 0.6 point ( $+0.5 \%$ ).

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Table 1(a) - Monthly indices by NSIC group, January 2010 to December 2010 - Manufacturing Sector

| NSIC | Activity group | $\begin{aligned} & \frac{1}{20} \\ & \frac{0.0}{0} \\ & 3 \end{aligned}$ | $$ | $$ | $\begin{aligned} & \text { en } \\ & \stackrel{1}{7} \\ & \stackrel{y}{n} \end{aligned}$ | $\begin{aligned} & 0 \\ & 7 \\ & \frac{1}{4} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{1} \\ & \stackrel{\rightharpoonup}{\lambda} \end{aligned}$ |  | $\frac{9}{3}$ | $\begin{aligned} & 9 \\ & \vdots \\ & \frac{0}{d} \end{aligned}$ | $\begin{aligned} & \stackrel{0}{1} \\ & \stackrel{\rightharpoonup}{2} \\ & \ddot{n} \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\begin{aligned} & \text { O } \\ & \vdots \\ & 0 . \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{4}{3} \end{aligned}$ | Percent changes (\%) from |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{array}{\|c} \text { Sept } 10 \text { to } \\ \text { Oct } 10 \end{array}$ | Oct 10 to Nov 10 | Nov 10 to Dec 10 |
| 15 | Manufacture of food products and beverages | 514 | 112.0 | 112.3 | 112.5 | 112.6 | 113.4 | 113.6 | 113.5 | 113.6 | 113.5 | 113.2 | 115.2 | 116.2 | -0.3 | 1.8 | 0.9 |
| 17 | Manufacture of textiles | 6 | 138.8 | 139.2 | 140.3 | 141.1 | 141.5 | 142.0 | 143.5 | 143.5 | 143.5 | 144.5 | 145.7 | 146.2 | 0.7 | 0.9 | 0.4 |
| 18 | Manufacture of wearing apparel | 16 | 103.1 | 103.1 | 103.1 | 103.1 | 103.1 | 103.1 | 105.4 | 105.4 | 105.4 | 105.4 | 105.4 | 105.4 | 0.0 | 0.0 | 0.0 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 2 | 140.6 | 140.6 | 140.6 | 148.7 | 148.7 | 148.7 | 148.7 | 148.7 | 148.7 | 148.7 | 148.7 | 148.7 | 0.0 | 0.0 | 0.0 |
| 20 | Manufacture of wood, wood products and cork except furniture | 14 | 108.9 | 108.9 | 108.9 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 0.0 | 0.0 | 0.0 |
| 21 | Manufacture of paper and paper products | 9 | 106.9 | 106.9 | 106.3 | 109.5 | 109.5 | 109.5 | 110.4 | 110.9 | 110.9 | 110.9 | 110.9 | 112.2 | 0.0 | 0.0 | 1.1 |
| 22 | Publishing, printing and reproduction of recorded media | 59 | 106.5 | 106.5 | 106.5 | 106.5 | 106.5 | 107.6 | 108.1 | 108.1 | 108.1 | 111.4 | 109.2 | 114.3 | 3.1 | -2.0 | 4.7 |
| 24 | Manufacture of chemicals and chemical products | 95 | 122.1 | 122.7 | 122.7 | 123.3 | 123.3 | 124.0 | 124.5 | 124.5 | 124.5 | 120.0 | 120.0 | 120.7 | -3.6 | 0.0 | 0.5 |
| 25 | Manufacture of rubber and plastic products | 51 | 110.4 | 110.4 | 110.4 | 111.1 | 111.2 | 111.1 | 111.8 | 111.8 | 111.8 | 112.1 | 112.1 | 112.1 | 0.3 | 0.0 | 0.0 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 121.0 | 121.0 | 121.0 | 118.3 | 118.4 | 118.4 | 125.3 | 125.3 | 125.6 | 128.4 | 128.4 | 128.4 | 2.2 | 0.0 | 0.0 |
| 27 | Manufacture of basic metals | 24 | 95.5 | 95.5 | 94.9 | 96.4 | 103.9 | 110.5 | 102.0 | 102.0 | 102.0 | 102.5 | 106.3 | 100.3 | 0.5 | 3.7 | -5.7 |
| 28 | Manufacture of fabricated metal products | 33 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.8 | 107.8 | 108.0 | 106.0 | 106.9 | 106.9 | 106.9 | 0.8 | 0.0 | 0.0 |
| 29 | Manufacture of machinery and equipment n.e.c | 9 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 102.0 | 102.0 | 102.0 | 102.0 | 102.0 | 102.0 | 0.0 | 0.0 | 0.0 |
| 31 | Manufacture of electrical machinery and apparatus | 12 | 77.3 | 79.7 | 79.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 89.3 | 94.9 | 0.0 | 6.2 | 6.2 |
| 34 | Manufacture of motor vehicles, trailers and semitrailers | 3 | 126.9 | 126.9 | 126.9 | 126.9 | 126.9 | 126.9 | 129.8 | 129.8 | 129.8 | 129.8 | 132.1 | 132.1 | 0.0 | 1.8 | 0.0 |
| 35 | Manufacture of other transport equipment | 3 | 102.4 | 102.9 | 105.9 | 106.9 | 110.3 | 117.3 | 111.6 | 109.1 | 108.6 | 107.5 | 107.0 | 107.3 | -1.0 | -0.5 | 0.4 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 33 | 125.6 | 125.6 | 125.9 | 126.2 | 126.8 | 127.0 | 127.8 | 127.8 | 127.9 | 128.8 | 134.8 | 134.6 | 0.6 | 4.7 | -0.2 |
| 15-36 | Manufacturing sector | 1,000 | 112.7 | 112.9 | 113.1 | 113.0 | 113.7 | 114.1 | 114.8 | 114.9 | 114.8 | 114.8 | 116.1 | 116.9 | 0.0 | 1.1 | 0.7 |

Table 1 (b) - Food Products and Beverages :- Monthly indices by NSIC Group, January 2010 to December 2010
Year $2007=100$

| NSIC | Activity group | $\begin{aligned} & \text { 吡 } \\ & \text { no } \\ & 3 \end{aligned}$ | $\begin{aligned} & \text { O } \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \text { e } \\ & \text { ì } \\ & \text { ion } \end{aligned}$ | $\begin{gathered} \text { en } \\ \stackrel{\rightharpoonup}{\pi} \\ \stackrel{y}{n} \end{gathered}$ | $\frac{9}{4}$ | $\begin{aligned} & \stackrel{i}{1} \\ & \stackrel{y}{\lambda} \end{aligned}$ | O | $\frac{9}{3}$ | $\begin{aligned} & 9 \\ & \frac{0}{40} \\ & \hline 1 \end{aligned}$ | $\begin{aligned} & \text { ei } \\ & \stackrel{\rightharpoonup}{i} \\ & i=1 \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{1}{0} \end{aligned}$ | $\begin{aligned} & 0 \\ & \stackrel{0}{1} \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{y}{\Delta} \end{aligned}$ | Percent changes (\%) from |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sept 10 to Oct 10 | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Oct } 10 \\ \text { to Nov } \\ 10 \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c} \hline \begin{array}{c} \text { Nov } 10 \\ \text { to Dec } \\ 10 \end{array} \\ \hline \end{array}$ |
| 151-154 | Manufacture of Food products | 360 | 110.4 | 110.7 | 110.9 | 111.1 | 112.2 | 112.5 | 112.3 | 112.5 | 112.4 | 112.0 | 112.5 | 113.8 | -0.4 | 0.5 | 1.2 |
| 1511 | Production, processing and preservation of meat and meat products | 122 | 104.8 | 105.3 | 105.3 | 105.6 | 105.6 | 105.6 | 107.7 | 107.7 | 107.7 | 107.7 | 107.7 | 107.7 | 0.0 | 0.0 | 0.0 |
| 1512 | Processing and preservation of fish and fish products | 7 | 130.0 | 130.0 | 130.0 | 130.0 | 130.0 | 149.1 | 149.1 | 149.1 | 148.8 | 148.8 | 148.8 | 148.8 | 0.0 | 0.0 | 0.0 |
| 1513 | Processing and preservation of fruits and vegetables | 7 | 115.6 | 115.6 | 117.3 | 117.3 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 0.0 | 0.0 | 0.0 |
| 1514 | Manufacture of vegetable and animal oils and fats | 36 | 113.1 | 113.1 | 113.1 | 113.1 | 111.9 | 111.9 | 111.8 | 112.3 | 112.3 | 112.3 | 113.9 | 126.7 | 0.0 | 1.4 | 11.3 |
| 1520 | Manufacture of dairy products | 20 | 107.8 | 107.8 | 111.7 | 111.7 | 113.5 | 113.5 | 113.5 | 113.5 | 113.5 | 113.5 | 113.5 | 113.5 | 0.0 | 0.0 | 0.0 |
| 1531 | Manufacture of grain mill products | 61 | 99.9 | 100.1 | 99.5 | 100.2 | 105.8 | 105.7 | 100.4 | 99.7 | 98.9 | 96.6 | 98.5 | 99.0 | -2.2 | 1.9 | 0.6 |
| 1533 | Manufacture of prepared animal feeds | 59 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 0.0 | 0.0 | 0.0 |
| 1541 | Manufacture of bakery products, of which | 27 | 109.5 | 110.9 | 110.9 | 110.9 | 110.9 | 110.9 | 111.3 | 111.3 | 111.3 | 111.3 | 111.3 | 111.4 | 0.0 | 0.0 | 0.1 |
| $\begin{array}{\|c\|} \hline 15411 / 1 \\ 5412 \\ \hline \end{array}$ | Bread manufacturing (with or without pastry) | 21 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 0.0 | 0.0 | 0.0 |
| $\begin{array}{\|c\|} \hline 15413 / 1 \\ 5430 \end{array}$ | Biscuits manufacturing | 6 | 101.1 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 108.5 | 108.5 | 108.5 | 108.5 | 108.5 | 109.2 | 0.0 | 0.0 | 0.7 |
| 1544 | Manufacture of macaroni, noodles and similar products | 10 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 132.4 | 132.4 | 132.4 | 132.4 | 132.4 | 0.0 | 0.0 | 0.0 |
| 1549 | Manufacture of other food products | 11 | 117.0 | 116.8 | 117.2 | 116.0 | 116.3 | 117.0 | 118.3 | 117.7 | 118.1 | 118.0 | 118.4 | 119.4 | 0.0 | 0.3 | 0.8 |
| 15491 | Tea | 7 | 119.6 | 119.3 | 119.9 | 119.5 | 120.0 | 118.8 | 119.4 | 118.4 | 119.0 | 119.0 | 119.5 | 121.1 | -0.1 | 0.5 | 1.3 |
| $\begin{array}{\|c\|} \hline 15494 / 1 \\ 5495 \\ \hline \end{array}$ | Spices and Peanut butter | 2 | 126.7 | 126.7 | 126.7 | 126.7 | 126.7 | 135.5 | 141.5 | 141.5 | 141.5 | 141.5 | 141.5 | 141.5 | 0.0 | 0.0 | 0.0 |
| 155 | Manufacture of Beverages | 154 | 115.9 | 115.9 | 116.2 | 116.2 | 116.2 | 116.2 | 116.3 | 116.3 | 116.3 | 116.3 | 121.9 | 122.1 | 0.0 | 4.8 | 0.1 |
| 1551 | Distilling, blending \& bottling of spirit | 53 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 120.4 | 120.4 | 0.0 | 7.9 | 0.0 |
| 1552 | Wine | 9 | 122.1 | 122.1 | 128.2 | 128.2 | 128.2 | 128.2 | 128.4 | 128.4 | 128.4 | 128.2 | 131.6 | 134.7 | -0.1 | 2.7 | 2.3 |
| 1553 | Beer | 71 | 115.6 | 115.6 | 115.6 | 115.6 | 115.6 | 115.6 | 115.7 | 115.7 | 115.7 | 115.7 | 120.7 | 120.7 | 0.0 | 4.3 | 0.0 |
| 1554 | Soft drinks | 21 | 125.7 | 125.7 | 125.7 | 125.6 | 125.7 | 125.7 | 125.7 | 125.7 | 125.7 | 125.9 | 125.9 | 125.9 | 0.1 | 0.0 | 0.0 |
| 15 | Manufacture of Food Products and Beverages | 514 | 112.0 | 112.3 | 112.5 | 112.6 | 113.4 | 113.6 | 113.5 | 113.6 | 113.5 | 113.2 | 115.2 | 116.2 | -0.3 | 1.8 | 0.9 |

Table 1 (c) - Manufacture of chemicals and chemical products \& Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2010 to December 2010 - Manufacturing Sector

| NSIC | Activity group |  | $\begin{aligned} & \text { O} \\ & \text { in } \\ & \text { in } \end{aligned}$ | 0$\stackrel{1}{0}$$\stackrel{0}{4}$ | $\begin{aligned} & \text { O} \\ & \stackrel{1}{\pi} \\ & \hline \end{aligned}$ | $\frac{0}{1}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{1} \\ & \stackrel{\rightharpoonup}{\leftrightarrows} \end{aligned}$ | O | $\frac{9}{3}$ | $\begin{aligned} & \frac{1}{d i} \\ & \frac{10}{4} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\dot{u}} \\ & \text { in } \end{aligned}$ | $\stackrel{O}{3}$ | $\begin{aligned} & 0 \\ & \frac{1}{1} \\ & 0 . \end{aligned}$ | O | Percent changes (\%) from |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sept 10 to Oct 10 | Oct 10 to <br> Nov 10 | Nov 10 to Dec 10 |
| 24 | Manufacture of chemicals and chemical products | 95 | 122.1 | 122.7 | 122.7 | 123.3 | 123.3 | 124.0 | 124.8 | 124.8 | 124.8 | 120.0 | 120.0 | 120.7 | -3.9 | 0.0 | 0.5 |
| 2411 | Manufacture of basic chemicals, except fertilizers and nitrogen compounds | 19 | 138.2 | 138.2 | 138.2 | 138.2 | 138.2 | 138.2 | 138.2 | 138.2 | 138.2 | 103.6 | 103.6 | 103.6 | -25.0 | 0.0 | 0.0 |
| 2422 | Manufacture of ink, paints, etc. | 34 | 116.8 | 116.8 | 116.8 | 116.8 | 116.8 | 116.8 | 116.8 | 116.8 | 116.8 | 122.9 | 122.9 | 122.9 | 5.2 | 0.0 | 0.0 |
| 2424 | Manufacture of soap, detergents \& cleaning preparations \& cosmetics | 42 | 119.7 | 120.9 | 120.9 | 122.3 | 122.3 | 123.9 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 127.4 | 0.0 | 0.0 | 1.2 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 121.0 | 121.0 | 121.0 | 118.3 | 118.4 | 118.4 | 125.3 | 125.3 | 125.6 | 128.4 | 128.4 | 128.4 | 2.2 | 0.0 | 0.0 |
| 2610 | Manufacture of glass and glass Products | 3 | 114.9 | 114.9 | 114.9 | 114.9 | 119.6 | 119.6 | 119.6 | 119.6 | 121.6 | 121.6 | 121.6 | 121.6 | 0.0 | 0.0 | 0.0 |
| 2695 | Manufacture of articles of concrete | 27 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 109.6 | 109.6 | 109.6 | 109.6 | 0.0 | 0.0 | 0.0 |
| 2699 | Manufacture of other non-metallic mineral products | 87 | 125.4 | 125.4 | 125.4 | 121.5 | 121.5 | 121.5 | 131.2 | 131.2 | 131.2 | 135.1 | 135.1 | 135.1 | 2.9 | 0.0 | 0.0 |

Table 2 (a) - Monthly indices by NSIC group, 2009 - Manufacturing Sector

| NSIC | Activity group | \# a 3 3 | $\begin{aligned} & \text { O} \\ & \text { i } \\ & \stackrel{1}{7} \end{aligned}$ | 108 |  | $\begin{aligned} & \frac{0}{2} \\ & \frac{2}{4} \\ & \hline 4 \end{aligned}$ | $\begin{aligned} & \stackrel{o}{1} \\ & \stackrel{1}{\overleftarrow{I}} \end{aligned}$ | O |  | $\begin{aligned} & 8 \\ & \frac{0}{i} \\ & \frac{0}{4} \end{aligned}$ | $\begin{aligned} & \text { or } \\ & \dot{i} \\ & \dot{\oplus} \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{1}{4} \\ & 0 \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 1 \\ & 0 \\ & 0 \\ & \mathbf{B} \end{aligned}$ | $\begin{aligned} & \stackrel{O}{\dot{U}} \\ & \stackrel{0}{0} \end{aligned}$ | Average year 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Manufacture of food products and beverages | 514 | 117.6 | 113.1 | 113.3 | 113.9 | 112.5 | 112.0 | 112.7 | 112.6 | 112.2 | 112.0 | 111.8 | 111.7 | 112.9 |
| 17 | Manufacture of textiles | 6 | 138.8 | 139.2 | 140.3 | 141.1 | 141.5 | 142.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 112.5 |
| 18 | Manufacture of wearing apparel | 16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 103.1 | 103.1 | 103.1 | 103.1 | 103.1 | 103.1 | 103.1 | 101.8 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 2 | 140.6 | 140.6 | 140.6 | 148.7 | 148.7 | 148.7 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 142.6 |
| 20 | Manufacture of wood, wood products and cork except furniture | 14 | 115.7 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 115.4 | 115.4 | 114.0 | 111.1 | 111.1 | 111.1 | 114.0 |
| 21 | Manufacture of paper and paper products | 9 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 106.9 | 104.5 |
| 22 | Publishing, printing and reproduction of recorded media | 59 | 101.8 | 101.8 | 101.8 | 101.8 | 101.8 | 101.8 | 101.8 | 106.5 | 106.5 | 106.5 | 106.5 | 117.0 | 104.5 |
| 24 | Manufacture of chemicals and chemical products | 95 | 114.5 | 114.5 | 114.5 | 115.6 | 115.7 | 115.8 | 117.1 | 117.1 | 117.2 | 118.1 | 118.1 | 118.1 | 116.3 |
| 25 | Manufacture of rubber and plastic products | 51 | 99.1 | 99.2 | 99.2 | 99.9 | 100.1 | 100.3 | 100.3 | 100.7 | 100.7 | 109.1 | 109.3 | 109.3 | 102.2 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 118.3 | 118.3 | 118.3 | 118.3 | 118.3 | 118.3 | 121.1 | 121.1 | 121.1 | 121.1 | 121.0 | 121.0 | 119.7 |
| 27 | Manufacture of basic metals | 24 | 138.1 | 138.1 | 138.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 104.8 |
| 28 | Manufacture of fabricated metal products | 33 | 108.8 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 107.6 | 107.6 | 107.6 | 107.6 | 107.3 | 107.1 | 108.2 |
| 29 | Manufacture of machinery and equipment n.e.c | 9 | 93.6 | 93.6 | 93.6 | 104.0 | 104.0 | 104.0 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 100.0 |
| 31 | Manufacture of electrical machinery and apparatus | 12 | 72.4 | 52.2 | 58.1 | 58.1 | 58.6 | 58.6 | 62.6 | 66.8 | 70.8 | 70.8 | 74.4 | 77.3 | 64.6 |
| 34 | Manufacture of motor vehicles, trailers and semitrailers | 3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 | 123.3 |
| 35 | Manufacture of other transport equipment | 3 | 106.2 | 107.8 | 110.8 | 110.3 | 109.8 | 108.8 | 109.4 | 108.1 | 106.2 | 104.4 | 103.3 | 100.2 | 107.1 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 33 | 119.4 | 119.5 | 119.5 | 119.4 | 117.9 | 117.6 | 117.6 | 117.6 | 117.6 | 122.6 | 125.9 | 125.6 | 120.0 |
| 15-36 | Manufacturing sector | 1,000 | 114.3 | 111.7 | 111.9 | 111.5 | 110.8 | 110.6 | 111.1 | 111.4 | 111.3 | 111.8 | 111.9 | 112.5 | 111.7 |

Table 2 (b) - Food Products and Beverages: Monthly indices by NSIC Group, 2009

| NSIC | Activity group | $\begin{aligned} & \text { 吡 } \\ & \text { 吡 } \\ & 3 \end{aligned}$ |  | $\begin{aligned} & \hline 8 \\ & \vdots \\ & \dot{0} \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \hline \text { O} \\ & \text { in } \\ & \text { N } \end{aligned}$ |  | $\begin{aligned} & \hline \stackrel{8}{0} \\ & \stackrel{\rightharpoonup}{\top} \\ & \stackrel{y}{c} \end{aligned}$ | Bo | $\underset{\substack{8 \\ \hline}}{\substack{8}}$ | $\begin{aligned} & \hline 8 \\ & \underset{i}{0} \\ & \text { do } \end{aligned}$ | $\begin{aligned} & \hline \stackrel{\rightharpoonup}{i} \\ & \stackrel{\rightharpoonup}{4} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | $\begin{aligned} & \text { og } \\ & \stackrel{1}{4} \\ & 0 \end{aligned}$ | $\begin{aligned} & \mathbf{8} \\ & 1 \\ & \text { Bे } \\ & \mathbf{z} \end{aligned}$ | $$ | Average year 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \hline 151- \\ & 154 \end{aligned}$ | Manufacture of Food products | 360 | 120.0 | 113.6 | 113.8 | 113.8 | 111.8 | 111.1 | 112.1 | 112.0 | 111.4 | 111.2 | 110.8 | 110.5 | 112.6 |
| 1511 | Production, processing and preservation of meat and meat products | 122 | 106.9 | 106.9 | 106.9 | 105.7 | 101.8 | 101.8 | 104.6 | 104.6 | 104.8 | 104.8 | 104.8 | 104.8 | 104.9 |
| 1512 | Processing and preservation of fish and fish products | 7 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 125.8 | 126.3 | 126.3 | 126.3 | 130.0 | 130.0 | 130.0 | 127.0 |
| 1513 | Processing and preservation of fruits and vegetables | 7 | 105.9 | 105.9 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.6 | 115.6 | 115.6 | 113.6 |
| 1514 | Manufacture of vegetable and animal oils and fats | 36 | 133.5 | 124.1 | 124.1 | 124.1 | 124.1 | 117.8 | 117.8 | 117.8 | 116.3 | 116.3 | 115.9 | 115.9 | 120.5 |
| 1520 | Manufacture of dairy products | 20 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 |
| 1531 | Manufacture of grain mill products | 61 | 143.6 | 108.6 | 108.6 | 111.2 | 107.8 | 107.3 | 106.6 | 105.8 | 103.2 | 101.1 | 99.3 | 97.8 | 107.9 |
| 1533 | Manufacture of prepared animal feeds | 59 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 |
| 1541 | Manufacture of bakery products, of which | 27 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 111.7 | 111.8 | 111.8 | 111.7 | 111.7 | 111.7 | 110.9 |
| $\begin{array}{\|l\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing (with or without pastry) | 21 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 111.1 |
| $\begin{array}{\|c\|} \hline 15413 / \\ 15430 \\ \hline \end{array}$ | Biscuits manufacturing | 6 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.5 | 110.8 | 110.8 | 110.6 | 110.6 | 110.6 | 110.3 |
| 1544 | Manufacture of macaroni, noodles and similar products | 10 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 |
| 1549 | Manufacture of other food products | 11 | 113.5 | 113.5 | 113.5 | 113.3 | 113.0 | 113.5 | 113.0 | 113.0 | 113.4 | 113.8 | 113.7 | 113.1 | 113.4 |
| 15491 | Tea | 7 | 115.6 | 115.7 | 115.6 | 115.2 | 114.8 | 115.6 | 114.7 | 114.8 | 115.4 | 116.1 | 116.0 | 114.9 | 115.4 |
| $\begin{array}{\|l\|} \hline 15494 / \\ 15495 \\ \hline \end{array}$ | Spices and Peanut butter | 2 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 |
| 155 | Manufacture of Beverages | 154 | 112.1 | 112.1 | 112.3 | 114.0 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.5 | 113.6 |
| 1551 | Distilling, blending \& bottling of spirit | 53 | 106.6 | 106.6 | 106.6 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 110.3 |
| 1552 | Wine | 9 | 117.8 | 117.8 | 121.3 | 121.3 | 121.3 | 121.3 | 121.3 | 122.1 | 122.1 | 122.1 | 122.1 | 122.1 | 121.0 |
| 1553 | Beer | 71 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 |
| 1554 | Soft drinks | 21 | 117.2 | 117.2 | 117.2 | 117.2 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 117.7 | 120.5 | 117.8 |
| 15 | Manufacture of Food Products and Beverages | 514 | 117.6 | 113.1 | 113.3 | 113.9 | 112.5 | 112.0 | 112.7 | 112.6 | 112.2 | 112.0 | 111.8 | 111.7 | 112.9 |

Table 2 (c) - Manufacture of chemicals and chemical products \& Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2009 to December 2009 - Manufacturing Sector

| Year $2007=100$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC | Activity group | 塞 | ¢ | 8 <br> 1 <br> 0 <br> 1 | $\begin{aligned} & \text { O} \\ & \stackrel{1}{1} \\ & \sum_{1}^{4} \end{aligned}$ | $\begin{gathered} \text { O} \\ \frac{1}{2} \\ \hline 1 \end{gathered}$ | 8 $\sum+1$ $i$ $i$ | -8 | $\stackrel{8}{8}$ | 8 $\substack{10 \\ 00 \\ 4 \\ 4}$ | $\begin{aligned} & \text { oi } \\ & \dot{1} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ | ¢ U1 0 | 8 1 1 0 8 | O | Average year 2009 |
| 24 | Manufacture of chemicals and chemical products | 95 | 114.5 | 114.5 | 114.5 | 115.6 | 115.7 | 115.8 | 117.1 | 117.1 | 117.2 | 118.1 | 118.1 | 118.1 | 116.3 |
| 2411 | Manufacture of basic chemicals, except fertilizers and nitrogen compounds | 19 | 112.4 | 112.4 | 112.4 | 112.4 | 112.4 | 112.4 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 118.9 | 115.6 |
| 2422 | Manufacture of ink, paints, etc. | 34 | 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 114.3 | 116.8 | 116.8 | 116.8 | 114.7 |
| 2424 | Manufacture of soap, detergents \& cleaning preparations \& cosmetics | 42 | 115.8 | 115.8 | 115.8 | 118.4 | 118.6 | 119.0 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 118.8 | 118.0 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 118.3 | 118.3 | 118.3 | 118.3 | 118.3 | 118.3 | 121.1 | 121.1 | 121.1 | 121.1 | 121.0 | 121.0 | 119.7 |
| 2610 | Manufacture of glass and glass Products | 3 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 |
| 2695 | Manufacture of articles of concrete | 27 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 |
| 2699 | Manufacture of other non-metallic mineral products | 87 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 121.6 | 125.4 | 125.4 | 125.4 | 125.4 | 125.4 | 125.4 | 123.5 |

Table 3 （a）－Monthly indices by NSIC group， 2008 －Manufacturing Sector

| NSIC | Activity group | $\begin{aligned} & \text { z} \\ & \text { 兴 } \\ & 3 \end{aligned}$ | $\begin{aligned} & \text { on } \\ & \text { in } \\ & \end{aligned}$ | ¢ ì ì in | ¢ ¢ L ¢ | 㪟 | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\grave{N}} \\ & \sum \end{aligned}$ | － | $\stackrel{\infty}{\infty}$ | － | $\begin{aligned} & \infty \\ & i \\ & i \\ & i \end{aligned}$ | － | 号 |  | Average year 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Manufacture of food products and beverages | 514 | 113.0 | 114.3 | 115.7 | 116.7 | 117.0 | 116.7 | 116.8 | 118.7 | 120.3 | 121.4 | 122.0 | 121.9 | 117.9 |
| 17 | Manufacture of textiles | 6 | 118.7 | 118.7 | 118.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 122.4 |
| 18 | Manufacture of wearing apparel | 16 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 96.0 |
| 19 | Tanning，dressing of leather，manufacture of luggage，handbags，etc． | 2 | 130.5 | 130.5 | 130.5 | 148.7 | 148.7 | 148.7 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 140.6 | 139.9 |
| 20 | Manufacture of wood，wood products and cork except furniture | 14 | 114.5 | 115.6 | 111.6 | 111.6 | 111.6 | 111.6 | 117.9 | 117.9 | 117.9 | 117.9 | 117.9 | 117.9 | 115.3 |
| 21 | Manufacture of paper and paper products | 9 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 102.8 | 105.5 | 105.5 | 105.5 | 103.5 |
| 22 | Publishing，printing and reproduction of recorded media | 59 | 113.2 | 113.2 | 113.2 | 99.3 | 99.3 | 99.3 | 105.2 | 105.2 | 105.2 | 101.8 | 101.8 | 101.8 | 104.7 |
| 24 | Manufacture of chemicals and chemical products | 95 | 107.4 | 108.1 | 108.4 | 108.4 | 108.4 | 108.6 | 110.3 | 111.7 | 113.4 | 113.4 | 114.0 | 114.3 | 110.5 |
| 25 | Manufacture of rubber and plastic products | 51 | 98.3 | 98.3 | 98.3 | 98.2 | 98.3 | 98.2 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.0 | 98.5 |
| 26 | Manufacture of other non－metallic mineral products | 117 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 117.5 | 117.5 | 117.5 | 123.8 | 119.6 | 118.9 | 114.3 |
| 27 | Manufacture of basic metals | 24 | 105.8 | 105.8 | 107.2 | 118.8 | 121.1 | 121.1 | 132.4 | 153.1 | 157.0 | 157.0 | 142.6 | 139.2 | 128.7 |
| 28 | Manufacture of fabricated metal products | 33 | 104.2 | 104.2 | 104.2 | 104.2 | 104.2 | 106.3 | 108.4 | 108.4 | 111.3 | 111.3 | 109.1 | 109.1 | 107.0 |
| 29 | Manufacture of machinery and equipment n．e．c | 9 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 |
| 31 | Manufacture of electrical machinery and apparatus | 12 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 84.5 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 72.4 | 88.8 |
| 34 | Manufacture of motor vehicles，trailers and semi－ trailers | 3 | 103.5 | 103.5 | 103.5 | 103.5 | 103.5 | 103.5 | 103.5 | 103.5 | 103.5 | 123.3 | 123.3 | 123.3 | 108.1 |
| 35 | Manufacture of other transport equipment | 3 | 95.3 | 94.0 | 90.8 | 88.8 | 91.8 | 92.4 | 91.1 | 92.2 | 95.6 | 97.1 | 100.8 | 102.9 | 94.3 |
| 36 | Manufacture of furniture，and manufacturing n．e．c． | 33 | 103.8 | 104.5 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 104.9 | 104.6 |
| 15－36 | Manufacturing sector | 1，000 | 110.0 | 110.8 | 111.4 | 111.4 | 111.6 | 111.3 | 112.2 | 114.5 | 115.7 | 116.9 | 116.4 | 116.1 | 113.2 |

Table 3 (b) - Food Products and Beverages: Monthly indices by NSIC Group, 2008

| NSIC | Activity group | $\begin{aligned} & \frac{1}{5} \\ & \text { ab } \\ & \frac{0}{3} \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\circ} \\ & \text { in } \\ & \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{1} \\ & \stackrel{\rightharpoonup}{\sim} \end{aligned}$ |  | - |  | 曾 | $\underset{\equiv}{\infty}$ | $\begin{aligned} & \infty \\ & \stackrel{0}{i} \\ & \text { do } \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\otimes}{1} \\ & \stackrel{\rightharpoonup}{u} \\ & \dot{\sim} \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{i}{u} \\ & 0 \end{aligned}$ | \% | - | Average year 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 151- | Manufacture of Food products | 360 | 115.5 | 117.4 | 119.5 | 120.5 | 120.8 | 120.5 | 120.6 | 121.8 | 124.3 | 125.8 | 126.7 | 126.5 | 121.6 |
| 1511 | Production, processing and preservation of meat and meat products | 122 | 103.0 | 103.5 | 104.4 | 104.9 | 104.9 | 105.1 | 106.0 | 106.0 | 107.5 | 107.5 | 107.5 | 106.9 | 105.6 |
| 1512 | Processing and preservation of fish and fish products | 7 | 104.8 | 104.8 | 104.8 | 105.7 | 105.7 | 105.7 | 110.8 | 110.8 | 110.8 | 111.6 | 111.6 | 111.6 | 108.2 |
| 1513 | Processing and preservation of fruits and vegetables | 7 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 | 105.9 |
| 1514 | Manufacture of vegetable and animal oils and fats | 36 | 113.5 | 113.5 | 133.5 | 133.5 | 135.9 | 135.9 | 134.2 | 135.0 | 135.0 | 134.6 | 133.5 | 133.5 | 130.7 |
| 1520 | Manufacture of dairy products | 20 | 118.6 | 118.6 | 118.6 | 114.3 | 114.3 | 114.3 | 114.3 | 114.3 | 115.8 | 112.6 | 112.6 | 112.6 | 115.0 |
| 1531 | Manufacture of grain mill products | 61 | 158.0 | 152.4 | 150.1 | 158.0 | 158.8 | 155.7 | 153.0 | 161.1 | 166.3 | 180.6 | 186.9 | 186.9 | 163.5 |
| 1533 | Manufacture of prepared animal feeds | 59 | 113.9 | 128.5 | 128.5 | 128.5 | 128.5 | 128.5 | 2.2 | 128.5 | 135.5 | 135.5 | 138.1 | 138.1 | 92.5 |
| 1541 | Manufacture of bakery products, of which | 27 | 106.3 | 106.8 | 106.8 | 106.8 | 106.8 | 106.8 | 109.2 | 109.6 | 109.8 | 109.8 | 109.8 | 109.8 | 108.2 |
| $\begin{array}{\|l} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing (with or without pastry) | 21 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 108.5 |
| $\begin{aligned} & 15413 / \\ & 15430 \\ & \hline \end{aligned}$ | Biscuits manufacturing | 6 | 103.9 | 106.2 | 106.2 | 106.2 | 106.2 | 106.2 | 106.2 | 107.8 | 109.0 | 109.0 | 109.0 | 109.0 | 107.0 |
| 1544 | Manufacture of macaroni, noodles and similar products | 10 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 |
| 1549 | Manufacture of other food products | 11 | 109.4 | 110.4 | 113.1 | 112.8 | 113.5 | 113.5 | 113.9 | 113.9 | 114.1 | 114.0 | 111.5 | 111.9 | 112.6 |
| 15491 | Tea | 7 | 110.6 | 112.1 | 116.4 | 116.1 | 116.7 | 116.8 | 116.2 | 116.2 | 116.5 | 116.3 | 112.4 | 113.0 | 114.9 |
| $\begin{aligned} & \hline 15494 / \\ & 15495 \\ & \hline \end{aligned}$ | Spices and Peanut butter | 2 | 115.3 | 115.3 | 115.3 | 115.3 | 116.8 | 116.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 118.3 |
| 155 | Manufacture of Beverages | 154 | 107.4 | 107.4 | 107.4 | 108.3 | 108.4 | 108.4 | 108.4 | 111.6 | 111.7 | 111.7 | 111.7 | 111.7 | 109.5 |
| 1551 | Distilling, blending \& bottling of spirit | 53 | 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 |
| 1552 | Wine | 9 | 100.3 | 100.3 | 100.3 | 115.4 | 116.7 | 116.7 | 116.7 | 116.7 | 117.8 | 117.8 | 117.8 | 117.8 | 112.6 |
| 1553 | Beer | 71 | 109.4 | 109.4 | 109.4 | 109.4 | 109.4 | 109.4 | 109.4 | 114.1 | 114.1 | 114.1 | 114.1 | 114.1 | 111.3 |
| 1554 | Soft drinks | 21 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 117.2 | 117.2 | 117.2 | 117.2 | 117.2 | 112.4 |
| 15 | Manufacture of Food Products and Beverages | 514 | 113.0 | 114.3 | 115.7 | 116.7 | 117.0 | 116.7 | 116.8 | 118.7 | 120.3 | 121.4 | 122.0 | 121.9 | 117.9 |

Table 3 (c) - Manufacture of chemicals and chemical products \& Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2008 to December 2008 - Manufacturing Sector

| Year $2007=100$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC | Activity group | 等 |  | \% | ¢ in L | 就 |  | ¢00 |  | ¢ dio dil | ¢ ì ¢ | ¢ | ¢ | ¢00 | Average year 2008 |
| 24 | Manufacture of chemicals and chemical products | 95 | 107.4 | 108.1 | 108.4 | 108.4 | 108.4 | 108.6 | 110.3 | 111.7 | 113.4 | 113.4 | 114.0 | 114.3 | 110.5 |
| 2411 | Manufacture of basic chemicals, except fertilizers and nitrogen compounds | 19 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 112.4 | 112.4 | 112.4 | 112.4 | 112.4 | 112.4 | 107.9 |
| 2422 | Manufacture of ink, paints, etc. | 34 | 105.8 | 105.8 | 105.8 | 105.8 | 105.8 | 105.8 | 105.8 | 109.4 | 114.0 | 114.0 | 114.0 | 114.0 | 108.8 |
| 2424 | Manufacture of soap, detergents \& cleaning preparations \& cosmetics | 42 | 110.4 | 112.1 | 112.8 | 112.8 | 112.8 | 113.2 | 113.2 | 113.2 | 113.3 | 113.3 | 114.7 | 115.4 | 113.1 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 109.8 | 117.5 | 117.5 | 117.5 | 123.8 | 119.6 | 118.9 | 114.3 |
| 2610 | Manufacture of glass and glass Products | 3 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 |
| 2695 | Manufacture of articles of concrete | 27 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 |
| 2699 | Manufacture of other non-metallic mineral products | 87 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 110.0 | 120.4 | 120.4 | 120.4 | 129.2 | 123.4 | 122.5 | 116.2 |

Table 4 （a）－Monthly indices by NSIC group for the base period（Year 2007）－Manufacturing Sector

| NSIC | Activity group | 者 | N | N | $\begin{aligned} & \text { Non } \\ & \substack{1 \\ \\ \sum_{n}} \end{aligned}$ | $\begin{aligned} & \text { N} \\ & \frac{1}{2} \\ & \frac{1}{4} \end{aligned}$ | $\begin{aligned} & \text { N } \\ & i \\ & \sum_{i}^{\top} \end{aligned}$ | N | 会 | $\begin{aligned} & \text { N } \\ & \text { Do } \\ & \text { 首 } \end{aligned}$ | $\begin{aligned} & \hat{N} \\ & i \\ & \hat{i} \\ & \dot{N} \end{aligned}$ | N U 0 0 | N O d d Z | $\begin{aligned} & \text { N} \\ & \stackrel{\Delta}{0} \\ & 0 \end{aligned}$ | Average <br> year 2007 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Manufacture of food products and beverages | 514 | 91.9 | 93.4 | 94.1 | 99.8 | 99.9 | 102.7 | 101.2 | 101.1 | 103.3 | 103.1 | 105.3 | 105.3 | 100.0 |
| 17 | Manufacture of textiles | 6 | 101.8 | 101.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| 18 | Manufacture of wearing apparel | 16 | 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． | 2 | 73.7 | 73.7 | 73.7 | 79.7 | 79.7 | 79.7 | 130.5 | 130.5 | 130.5 | 130.5 | 130.5 | 130.5 | 100.0 |
| 20 | Manufacture of wood，wood products and cork except furniture | 14 | 86.2 | 86.2 | 94.4 | 94.4 | 94.4 | 97.8 | 98.9 | 98.9 | 98.9 | 119.2 | 119.2 | 119.2 | 100.0 |
| 21 | Manufacture of paper and paper products | 9 | 96.8 | 96.8 | 96.8 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 100.0 |
| 22 | Publishing，printing and reproduction of recorded media | 59 | 100.3 | 98.1 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 114.3 | 100.0 |
| 24 | Manufacture of chemicals and chemical products | 95 | 95.3 | 95.3 | 96.9 | 97.9 | 97.9 | 98.1 | 99.5 | 99.5 | 102.6 | 105.9 | 106.1 | 106.1 | 100.0 |
| 25 | Manufacture of rubber and plastic products | 51 | 97.5 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 106.8 | 106.8 | 106.8 | 100.0 |
| 26 | Manufacture of other non－metallic mineral products | 117 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 100.3 | 100.3 | 100.3 | 103.7 | 103.7 | 103.7 | 100.0 |
| 27 | Manufacture of basic metals | 24 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 114.1 | 122.5 | 122.5 | 122.5 | 122.5 | 109.7 | 107.6 | 100.0 |
| 28 | Manufacture of fabricated metal products | 33 | 96.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 101.1 | 101.1 | 101.1 | 104.7 | 100.0 |
| 29 | Manufacture of machinery and equipment n．e．c | 9 | 93.6 | 93.6 | 93.6 | 104.0 | 104.0 | 104.0 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 101.4 | 100.0 |
| 31 | Manufacture of electrical machinery and apparatus | 12 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 100.0 |
| 34 | Manufacture of motor vehicles，trailers and semi－ trailers | 3 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 102.1 | 102.1 | 102.1 | 100.0 |
| 35 | Manufacture of other transport equipment | 3 | 104.1 | 103.5 | 102.7 | 102.1 | 99.4 | 99.6 | 100.0 | 98.5 | 98.8 | 98.0 | 98.2 | 95.5 | 100.0 |
| 36 | Manufacture of furniture，and manufacturing n．e．c． | 33 | 97.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 101.0 | 101.5 | 101.5 | 100.0 |
| 15－36 | Manufacturing sector | 1，000 | 93.9 | 94.8 | 95.4 | 98.6 | 98.6 | 101.0 | 101.0 | 101.0 | 102.5 | 103.8 | 104.7 | 105.7 | 100.0 |

Table 4 (b) - Food Products and Beverages: Monthly indices by NSIC Group for the base period (Year 2007)

| NSIC | Activity group | $\begin{aligned} & \frac{1}{0} \\ & \text { an on } \\ & 3 \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \text { in } \\ & \text { H} \end{aligned}$ | N | $\begin{aligned} & \text { No } \\ & \text { in } \\ & \text { in } \end{aligned}$ |  | $\begin{aligned} & \hline \stackrel{N}{0} \\ & i \\ & \stackrel{\rightharpoonup}{\top} \end{aligned}$ | N | N | $\begin{aligned} & \mathrm{N} \\ & \text { id } \\ & \text { do } \end{aligned}$ | $\begin{aligned} & \text { Nìn } \\ & \dot{1} \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \text { N} \\ & \stackrel{i}{4} \\ & 0 \end{aligned}$ | N | $\begin{aligned} & \text { N} \\ & \stackrel{\rightharpoonup}{0} \\ & \text { O} \end{aligned}$ | Average <br> year 2007 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \hline 151- \\ & 154 \\ & \hline \end{aligned}$ | Manufacture of Food products | 360 | 90.1 | 92.2 | 93.1 | 100.1 | 100.3 | 104.3 | 102.2 | 102.0 | 103.2 | 102.9 | 105.5 | 105.6 | 100.0 |
| 1511 | Production, processing and preservation of meat and meat products | 122 | 85.9 | 91.8 | 94.4 | 101.5 | 101.5 | 113.2 | 101.7 | 101.7 | 104.0 | 103.2 | 101.9 | 101.9 | 100.0 |
| 1512 | Processing and preservation of fish and fish products | 7 | 98.7 | 100.3 | 100.3 | 100.4 | 100.4 | 100.4 | 100.2 | 100.2 | 100.2 | 99.6 | 99.6 | 99.6 | 100.0 |
| 1513 | Processing and preservation of fruits and vegetables | 7 | 94.9 | 94.9 | 94.9 | 94.8 | 95.9 | 95.9 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 100.0 |
| 1514 | Manufacture of vegetable and animal oils and fats | 36 | 92.5 | 92.5 | 92.5 | 93.9 | 93.9 | 94.0 | 104.3 | 104.3 | 104.3 | 104.3 | 113.5 | 113.5 | 100.0 |
| 1520 | Manufacture of dairy products | 20 | 94.5 | 94.5 | 94.8 | 94.8 | 94.8 | 99.1 | 98.5 | 98.5 | 98.7 | 98.7 | 118.1 | 118.6 | 100.0 |
| 1531 | Manufacture of grain mill products | 61 | 80.7 | 80.7 | 80.7 | 105.9 | 106.8 | 106.8 | 108.4 | 106.8 | 109.2 | 109.2 | 106.8 | 106.8 | 100.0 |
| 1533 | Manufacture of prepared animal feeds | 59 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 107.5 | 107.5 | 100.0 |
| 1541 | Manufacture of bakery products, of which | 27 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 100.7 | 101.2 | 101.2 | 101.2 | 101.2 | 101.2 | 100.0 |
| $\begin{array}{\|l\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing (with or without pastry) | 21 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 101.0 | 101.0 | 101.0 | 101.0 | 101.0 | 101.0 | 100.0 |
| $\begin{array}{\|l\|} \hline 15413 / \\ 15430 \\ \hline \end{array}$ | Biscuits manufacturing | 6 | 97.3 | 97.3 | 97.3 | 99.2 | 99.2 | 99.2 | 99.9 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 100.0 |
| 1544 | Manufacture of macaroni, noodles and similar products | 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 |
| 1549 | Manufacture of other food products | 11 | 97.8 | 99.3 | 99.3 | 99.2 | 99.0 | 99.0 | 100.3 | 101.1 | 100.9 | 100.8 | 100.7 | 102.7 | 100.0 |
| 15491 | Tea | 7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.1 | 99.1 | 100.0 | 101.2 | 101.0 | 100.8 | 100.7 | 100.4 | 100.0 |
| $\begin{array}{\|l\|} \hline 15494 / \\ 15495 \\ \hline \end{array}$ | Spices and Peanut butter | 2 | 89.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 114.1 | 100.0 |
| 155 | Manufacture of Beverages | 154 | 96.3 | 96.3 | 96.3 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 103.7 | 103.7 | 104.8 | 104.8 | 100.0 |
| 1551 | Distilling, blending \& bottling of spirit | 53 | 99.5 | 99.5 | 99.5 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.2 | 100.0 |
| 1552 | Wine | 9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.0 |
| 1553 | Beer | 71 | 92.7 | 92.7 | 92.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 108.3 | 108.3 | 109.4 | 109.4 | 100.0 |
| 1554 | Soft drinks | 21 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 103.6 | 103.6 | 100.0 |
| 15 | Manufacture of Food Products and Beverages | 514 | 91.9 | 93.4 | 94.1 | 99.8 | 99.9 | 102.7 | 101.2 | 101.1 | 103.3 | 103.1 | 105.3 | 105.3 | 100.0 |

Table 4 (c) - Manufacture of chemicals and chemical products \& Manufacture of non-metallic mineral products :- Monthly indices by NSIC group, January 2007 to December 2007 - Manufacturing Sector

| NSIC | Activity group | $\begin{aligned} & \frac{\mathrm{F}}{\mathbf{- 0 0}} \\ & \frac{0}{0} \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \text { i } \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \text { i } \\ & \dot{1} \\ & \text { en } \end{aligned}$ |  | $\begin{aligned} & \hat{N} \\ & \frac{1}{2} \\ & \stackrel{y}{4} \end{aligned}$ |  | $\begin{gathered} \text { N } \\ \text { i } \\ \end{gathered}$ | $\frac{\hat{C}}{\stackrel{1}{E}}$ | $\begin{aligned} & \hat{C} \\ & \text { id } \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \hat{1} \\ & \dot{i} \\ & \dot{i} \end{aligned}$ | $\begin{aligned} & \text { N} \\ & \stackrel{I}{U} \end{aligned}$ |  | Year $2007=100$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | N Ò O | Average year 2007 |
| 24 | Manufacture of chemicals and chemical products | 95 | 95.3 | 95.3 | 96.9 | 97.9 | 97.9 | 98.1 | 99.5 | 99.5 | 102.6 | 105.9 | 106.1 | 106.1 | 100.0 |
| 2411 | Manufacture of basic chemicals, except fertilizers and nitrogen compounds | 19 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 100.0 |
| 2422 | Manufacture of ink, paints, etc. | 34 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 101.3 | 105.8 | 105.8 | 105.8 | 100.0 |
| 2424 | Manufacture of soap, detergents \& cleaning preparations \& cosmetics | 42 | 92.9 | 92.9 | 96.4 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 103.1 | 107.1 | 107.4 | 107.4 | 100.0 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 100.3 | 100.3 | 100.3 | 103.7 | 103.7 | 103.7 | 100.0 |
| 2610 | Manufacture of glass and glass Products | 3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 102.7 | 102.7 | 102.7 | 100.0 |
| 2695 | Manufacture of articles of concrete | 27 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 101.6 | 101.6 | 101.6 | 100.0 |
| 2699 | Manufacture of other non-metallic mineral products | 87 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 100.6 | 100.6 | 100.6 | 104.4 | 104.4 | 104.4 | 100.0 |

Table 5 (a) - Quarterly indices by NSIC group, $1^{\text {st }}$ Quarter 2009 to 4 ${ }^{\text {th }}$ Quarter 2010 - Manufacturing Sector
Year $2007=100$

| NSIC | Activity group | $\begin{aligned} & \text { 厤 } \\ & 0.0 \\ & 3 \end{aligned}$ | 2009 |  |  |  | 2010 |  |  |  | Percent changes (\%) from |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{1}^{\text {st }} \mathrm{Qr}$. | $2^{\text {nd }} \mathrm{Qr}$. | $3^{\text {rd }} \mathrm{Qr}$. | $4^{\text {th }}$ Qr. | $1^{\text {st }}$ Qr. | $2^{\text {nd }} \mathrm{Qr}$. | $3^{\text {rd }} \mathrm{Qr}$. | $4^{\text {th }}$ Qr. | $\begin{array}{\|c\|} \hline 3^{\text {rd }} \text { Qr. } 10 \text { to } \\ 4^{\text {th }} \text { Qr. } 10 \\ \hline \end{array}$ | $\begin{gathered} 4^{\text {th }} \mathbf{Q r} .09 \text { to } \\ 4^{\text {th }} \mathbf{Q r} .10 \\ \hline \end{gathered}$ |
| 15 | Manufacture of food products and beverages | 514 | 114.7 | 112.8 | 112.5 | 111.8 | 112.3 | 113.2 | 113.5 | 114.9 | 1.2 | 2.7 |
| 17 | Manufacture of textiles | 6 | 139.4 | 141.5 | 90.0 | 90.0 | 139.4 | 141.5 | 143.5 | 145.5 | 1.3 | 61.6 |
| 18 | Manufacture of wearing apparel | 16 | 100.0 | 101.0 | 103.1 | 103.1 | 103.1 | 103.1 | 105.4 | 105.4 | 0.0 | 2.2 |
| 19 | Tanning, dressing of leather, manufacture of luggage, handbags, etc. | 2 | 140.6 | 148.7 | 140.6 | 140.6 | 140.6 | 148.7 | 148.7 | 148.7 | 0.0 | 5.7 |
| 20 | Manufacture of wood, wood products and cork except furniture | 14 | 115.1 | 114.9 | 115.0 | 111.1 | 108.9 | 104.6 | 104.6 | 104.6 | 0.0 | -5.8 |
| 21 | Manufacture of paper and paper products | 9 | 103.7 | 103.7 | 105.0 | 105.6 | 106.7 | 109.5 | 110.7 | 111.4 | 0.6 | 5.4 |
| 22 | Publishing, printing and reproduction of recorded media | 59 | 101.8 | 101.8 | 104.9 | 109.9 | 106.5 | 106.9 | 108.1 | 111.6 | 3.3 | 1.6 |
| 24 | Manufacture of chemicals and chemical products | 95 | 114.5 | 115.7 | 117.1 | 118.1 | 122.5 | 123.5 | 124.8 | 120.2 | -3.7 | 1.8 |
| 25 | Manufacture of rubber and plastic products | 51 | 99.2 | 100.1 | 100.6 | 109.2 | 110.4 | 111.1 | 111.8 | 112.1 | 0.3 | 2.7 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 118.3 | 118.3 | 121.1 | 121.0 | 121.0 | 118.3 | 125.4 | 128.4 | 2.4 | 6.1 |
| 27 | Manufacture of basic metals | 24 | 138.1 | 95.5 | 95.5 | 95.5 | 95.3 | 103.4 | 102.0 | 103.0 | 1.0 | 7.8 |
| 28 | Manufacture of fabricated metal products | 33 | 109.0 | 109.1 | 107.6 | 107.3 | 107.1 | 107.3 | 107.3 | 106.9 | -0.4 | -0.4 |
| 29 | Manufacture of machinery and equipment n.e.c | 9 | 93.6 | 104.0 | 101.4 | 101.4 | 101.4 | 101.4 | 102.0 | 102.0 | 0.0 | 0.6 |
| 31 | Manufacture of electrical machinery and apparatus | 12 | 60.3 | 58.4 | 66.7 | 74.1 | 78.9 | 84.1 | 84.1 | 89.3 | 6.2 | 20.5 |
| 34 | Manufacture of motor vehicles, trailers and semi-trailers | 3 | 123.3 | 123.3 | 123.3 | 123.3 | 126.9 | 126.9 | 129.8 | 131.3 | 1.2 | 6.5 |
| 35 | Manufacture of other transport equipment | 3 | 108.3 | 109.6 | 107.9 | 102.6 | 103.7 | 111.4 | 109.8 | 107.3 | -2.3 | 4.5 |
| 36 | Manufacture of furniture, and manufacturing n.e.c. | 33 | 119.5 | 118.3 | 117.6 | 124.7 | 125.7 | 126.7 | 127.9 | 132.7 | 3.8 | 6.4 |
| 15-36 | Manufacturing sector | 1,000 | 112.6 | 110.9 | 111.3 | 112.1 | 112.9 | 113.6 | 114.9 | 115.9 | 0.9 | 3.4 |

Table 5 (b) - Food Products and Beverages: Quarterly indices by NSIC Group, $1^{\text {st }}$ Quarter 2009 to $4^{\text {th }}$ Quarter 2010
Year $2007=100$

| NSIC | Activity group | $\begin{aligned} & \frac{1}{40} \\ & \text { an } \\ & 3 \end{aligned}$ | 2009 |  |  |  | 2010 |  |  |  | Percent changes (\%) from |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{1}^{\text {st }}$ Qr. | $2^{\text {nd }}$ Qr. | $3^{\text {rd }}$ Qr. | $4^{\text {th }}$ Qr. | $1^{\text {st }}$ Qr. | $2^{\text {nd }} \mathbf{Q r}$. | $3{ }^{\text {rd }} \mathrm{Qr}$. | $4^{\text {th }}$ Qr. | $\begin{array}{\|c\|} \hline 3^{\text {rd }} \text { Qr. } 10 \text { to } \\ 4^{\text {th }} \text { Qr. } 10 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 4^{\text {th }} \text { Qr. } 09 \text { to } \\ 4^{\text {th }} \text { Qr. } 10 \\ \hline \end{array}$ |
| $\begin{array}{r} 151- \\ \hline \end{array}$ | Manufacture of Food products | 360 | 115.8 | 112.2 | 111.9 | 110.8 | 110.7 | 111.9 | 112.4 | 112.8 | 0.3 | 1.8 |
| 1511 | Production, processing and preservation of meat and meat products | 122 | 106.9 | 103.1 | 104.7 | 104.8 | 105.1 | 105.6 | 107.7 | 107.7 | 0.0 | 2.7 |
| 1512 | Processing and preservation of fish and fish products | 7 | 125.8 | 125.8 | 126.3 | 130.0 | 130.0 | 136.1 | 149.0 | 148.8 | -0.1 | 14.5 |
| 1513 | Processing and preservation of fruits and vegetables | 7 | 108.9 | 115.1 | 115.1 | 115.6 | 116.2 | 118.3 | 118.8 | 118.8 | 0.0 | 2.8 |
| 1514 | Manufacture of vegetable and animal oils and fats | 36 | 127.2 | 122.0 | 117.3 | 116.0 | 113.1 | 112.3 | 112.1 | 117.4 | 4.7 | 1.2 |
| 1520 | Manufacture of dairy products | 20 | 109.8 | 109.8 | 109.8 | 109.8 | 109.1 | 112.9 | 113.5 | 113.5 | 0.0 | 3.4 |
| 1531 | Manufacture of grain mill products | 61 | 119.2 | 108.7 | 105.2 | 99.4 | 99.8 | 103.9 | 99.7 | 98.0 | -1.6 | -1.4 |
| 1533 | Manufacture of prepared animal feeds | 59 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 130.1 | 0.0 | 0.0 |
| 1541 | Manufacture of bakery products, of which | 27 | 110.1 | 110.1 | 111.8 | 111.7 | 110.5 | 110.9 | 111.3 | 111.3 | 0.0 | -0.4 |
| $\begin{array}{\|l\|} \hline 15411 / \\ 15412 \\ \hline \end{array}$ | Bread manufacturing (with or without pastry). | 21 | 110.1 | 110.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 0.0 | 0.0 |
| $\begin{array}{\|l\|} \hline 15413 / \\ 15430 \\ \hline \end{array}$ | Biscuits manufacturing | 6 | 110.0 | 110.0 | 110.7 | 110.6 | 104.9 | 106.9 | 108.5 | 108.7 | 0.2 | -1.6 |
| 1544 | Manufacture of macaroni, noodles and similar products | 10 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 117.5 | 127.2 | 132.4 | 4.1 | 12.7 |
| 1549 | Manufacture of other food products | 11 | 113.5 | 113.3 | 113.1 | 113.5 | 117.0 | 116.4 | 118.0 | 118.6 | 0.5 | 4.4 |
| 15491 | Tea | 7 | 115.6 | 115.2 | 115.0 | 115.7 | 119.6 | 119.4 | 119.0 | 119.9 | 0.8 | 3.6 |
| $\begin{array}{\|l\|} \hline 15494 / \\ 15495 \\ \hline \end{array}$ | Spices and Peanut butter | 2 | 120.8 | 120.8 | 120.8 | 120.8 | 126.7 | 129.6 | 141.5 | 141.5 | 0.0 | 17.1 |
| 155 | Manufacture of Beverages | 154 | 112.1 | 114.1 | 114.1 | 114.2 | 116.0 | 116.2 | 116.3 | 120.1 | 3.3 | 5.1 |
| 1551 | Distilling, blending \& bottling of spirit | 53 | 106.6 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 111.5 | 117.3 | 5.2 | 5.2 |
| 1552 | Wine | 9 | 118.9 | 121.3 | 121.8 | 122.1 | 124.1 | 128.2 | 128.4 | 131.5 | 2.4 | 7.7 |
| 1553 | Beer | 71 | 114.1 | 114.1 | 114.1 | 114.1 | 115.6 | 115.6 | 115.7 | 119.0 | 2.8 | 4.4 |
| 1554 | Soft drinks | 21 | 117.2 | 117.5 | 117.7 | 118.6 | 125.7 | 125.7 | 125.7 | 125.9 | 0.1 | 6.1 |
| 15 | Manufacture of Food Products and Beverages | 514 | 114.7 | 112.8 | 112.5 | 111.8 | 112.3 | 113.2 | 113.5 | 114.9 | 1.2 | 2.7 |

Table 5 (c) - Manufacture of chemicals and chemical products \& Manufacture of non-metallic mineral products :- Quarterly indices by NSIC group, $1^{\text {st }}$ Quarter 2009 to $4^{\text {th }}$ Quarter 2010 - Manufacturing Sector

|  |  |  |  |  |  |  |  |  |  |  |  | ar $2007=100$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSIC | Activity group | $\begin{aligned} & \text { 咸 } \\ & 3 \\ & 3 \end{aligned}$ | 2009 |  |  |  | 2010 |  |  |  | Percent changes (\%) from |  |
|  |  |  | $1^{\text {st }} \mathrm{Qr}$. | $2^{\text {nd }}$ Qr. | $3^{\text {rd }} \mathbf{Q r}$. | $4^{\text {th }} \mathrm{Qr}$. | $1^{\text {st }}$ Qr. | $2^{\text {nd }}$ Qr. | $3^{\text {rd }} \mathrm{Qr}$. | $4^{\text {th }} \mathrm{Qr}$. | $\begin{gathered} 3^{3^{\text {rd }}} \text { Qr. } 10 \text { to } \\ 4^{\text {th }} \text { Qr. } \end{gathered}$ | $\begin{gathered} 4^{\text {th }} \text { Qr. } 09 \text { to } \\ 4^{\text {th }} \text { Qr. } 10 \end{gathered}$ |
| 24 | Manufacture of chemicals and chemical products | 95 | 114.5 | 115.7 | 117.1 | 118.1 | 122.5 | 123.5 | 124.8 | 120.2 | -3.7 | 1.8 |
| 2411 | Manufacture of basic chemicals, except fertilizers and nitrogen compounds | 19 | 112.4 | 112.4 | 118.9 | 118.9 | 138.2 | 138.2 | 138.2 | 103.6 | -25.0 | -12.8 |
| 2422 | Manufacture of ink, paints, etc. | 34 | 114.0 | 114.0 | 114.1 | 116.8 | 116.8 | 116.8 | 116.8 | 122.9 | 5.2 | 5.2 |
| 2424 | Manufacture of soap, detergents \& cleaning preparations \& cosmetics | 42 | 115.8 | 118.6 | 118.8 | 118.8 | 120.5 | 122.8 | 125.8 | 126.3 | 0.4 | 6.4 |
| 26 | Manufacture of other non-metallic mineral products | 117 | 118.3 | 118.3 | 121.1 | 121.0 | 121.0 | 118.3 | 125.4 | 128.4 | 2.4 | 6.1 |
| 2610 | Manufacture of glass and glass Products | 3 | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 118.0 | 120.3 | 121.6 | 1.1 | 5.8 |
| 2695 | Manufacture of articles of concrete | 27 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.9 | 109.6 | 0.6 | 0.9 |
| 2699 | Manufacture of other non-metallic mineral products | 87 | 121.6 | 121.6 | 125.4 | 125.4 | 125.4 | 121.5 | 131.2 | 135.1 | 3.0 | 7.7 |

Table 6 (a) - Comparative monthly and quarterly indices for the Manufacturing Sector, January 1998 - December $2010^{1}$
(Base: Year $2007=100)$

| Month | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 55.4 | 57.6 | 59.4 | 61.5 | 64.7 | 67.2 | 70.9 | 77.6 | 82.8 | 93.9 | 110.0 | 114.3 | 112.7 |
| February | 55.4 | 57.7 | 59.0 | 61.7 | 64.7 | 67.4 | 71.3 | 77.6 | 83.5 | 94.8 | 110.8 | 111.7 | 112.9 |
| March | 55.4 | 57.6 | 59.1 | 61.5 | 64.7 | 67.3 | 70.9 | 77.5 | 82.9 | 95.4 | 111.4 | 111.9 | 113.1 |
| Average ${ }^{\text {st }}$ Quarter | 55.8 | 58.1 | 58.8 | 62.0 | 64.8 | 67.6 | 71.9 | 77.8 | 84.3 | 94.7 | 110.7 | 112.6 | 112.9 |
| April | 55.8 | 58.2 | 58.8 | 62.0 | 64.8 | 67.8 | 72.1 | 78.0 | 85.2 | 98.6 | 111.4 | 111.5 | 113.0 |
| May | 57.0 | 58.6 | 58.7 | 62.3 | 64.9 | 67.9 | 73.6 | 77.9 | 86.1 | 98.6 | 111.6 | 110.8 | 113.7 |
| June | 56.2 | 58.3 | 58.8 | 62.1 | 64.8 | 67.8 | 72.5 | 77.9 | 85.2 | 101.0 | 111.3 | 110.6 | 114.1 |
| Average ${ }^{\text {nd }}$ Quarter | 57.2 | 58.2 | 59.2 | 62.8 | 65.7 | 68.1 | 74.1 | 79.6 | 87.4 | 99.4 | 111.4 | 110.9 | 113.6 |
| July | 57.7 | 58.2 | 59.2 | 63.3 | 65.8 | 68.5 | 74.5 | 79.5 | 88.1 | 101.0 | 112.2 | 111.1 | 114.8 |
| August | 57.6 | 58.2 | 59.1 | 63.3 | 65.8 | 69.0 | 75.1 | 79.4 | 88.6 | 101.0 | 114.5 | 111.4 | 114.9 |
| September | 57.5 | 58.2 | 59.2 | 63.1 | 65.8 | 68.5 | 74.6 | 79.5 | 88.0 | 102.5 | 115.7 | 111.3 | 114.8 |
| Average ${ }^{\text {rd }}$ Quarter | 57.7 | 58.3 | 59.5 | 63.4 | 66.1 | 69.4 | 75.2 | 80.2 | 89.0 | 101.5 | 114.1 | 111.3 | 114.9 |
| October | 57.7 | 58.3 | 59.6 | 63.8 | 66.1 | 69.5 | 75.5 | 80.5 | 90.5 | 103.8 | 116.9 | 111.8 | 114.8 |
| November | 57.8 | 58.3 | 59.8 | 64.1 | 66.4 | 69.7 | 75.7 | 81.2 | 91.7 | 104.7 | 116.4 | 111.9 | 116.1 |
| December | 57.7 | 58.3 | 59.7 | 63.8 | 66.2 | 69.5 | 75.5 | 80.6 | 90.4 | 105.7 | 116.1 | 112.5 | 116.9 |
| Average $4^{\text {th }}$ Quarter | 56.7 | 58.1 | 59.2 | 62.6 | 65.4 | 68.3 | 73.4 | 78.9 | 86.6 | 104.7 | 116.5 | 112.1 | 115.9 |
| Yearly average | 56.8 | 58.2 | 59.2 | 62.7 | 65.5 | 68.3 | 73.6 | 79.1 | 86.8 | 100.0 | 113.2 | 111.7 | 114.3 |
| Annual change (\%) |  | 2.3 | 1.8 | 5.9 | 4.4 | 4.4 | 7.7 | 7.4 | 9.8 | 15.2 | 13.2 | -1.3 | 2.3 |

${ }^{1}$ The indices for January 1998 to December 2006 originally based on 2003 have been converted to the new base 2007=100

Table 6 (b) - Comparative monthly and quarterly sub - indices for Food products and Beverages sub-group :- January 1998 - December 2010

| Month | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | (Base: Year $2007=100$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | 2008 | 2009 | 2010 |
| January | 53.5 | 56.7 | 58.0 | 60.7 | 64.1 | 66.8 | 71.2 | 76.1 | 81.7 | 91.9 | 113.0 | 117.6 | 112.0 |
| February | 53.6 | 56.7 | 59.1 | 60.7 | 64.1 | 66.9 | 71.7 | 76.2 | 82.0 | 93.4 | 114.3 | 113.1 | 112.3 |
| March | 53.8 | 56.6 | 58.4 | 61.3 | 64.1 | 67.3 | 72.6 | 76.2 | 83.1 | 94.1 | 115.7 | 113.3 | 112.5 |
| Average ${ }^{\text {st }}$ Quarter | 53.6 | 56.7 | 58.5 | 60.9 | 64.1 | 67.0 | 71.8 | 76.2 | 82.3 | 93.1 | 114.4 | 114.7 | 112.3 |
| April | 54.5 | 57.1 | 58.3 | 61.5 | 64.3 | 67.6 | 73.1 | 76.6 | 83.7 | 99.8 | 116.7 | 113.9 | 112.6 |
| May | 54.5 | 57.1 | 58.2 | 61.5 | 64.3 | 68.0 | 73.4 | 76.6 | 84.0 | 99.9 | 117.0 | 112.5 | 113.4 |
| June | 56.7 | 57.9 | 57.9 | 62.2 | 64.4 | 68.1 | 74.0 | 76.6 | 84.5 | 102.7 | 116.7 | 112.0 | 113.6 |
| Average ${ }^{\text {nd }}$ Quarter | 55.2 | 57.4 | 58.1 | 61.7 | 64.3 | 67.9 | 73.5 | 76.6 | 84.1 | 100.8 | 116.8 | 112.8 | 113.2 |
| July | 56.8 | 57.2 | 58.5 | 62.8 | 64.9 | 68.1 | 74.3 | 79.6 | 85.9 | 101.2 | 116.8 | 112.7 | 113.5 |
| August | 57.5 | 57.2 | 58.5 | 62.8 | 65.2 | 68.4 | 74.5 | 79.7 | 86.3 | 101.1 | 118.7 | 112.6 | 113.6 |
| September | 57.0 | 57.2 | 58.4 | 62.8 | 65.2 | 68.5 | 75.4 | 79.6 | 86.7 | 103.3 | 120.3 | 112.2 | 113.5 |
| Average $3^{\text {rd }}$ Quarter | 57.1 | 57.2 | 58.5 | 62.8 | 65.1 | 68.4 | 74.7 | 79.6 | 86.3 | 101.9 | 118.6 | 112.5 | 113.5 |
| October | 57.1 | 57.3 | 58.6 | 62.8 | 65.4 | 69.3 | 75.2 | 79.9 | 87.8 | 103.1 | 121.4 | 112.0 | 113.2 |
| November | 57.1 | 57.3 | 58.8 | 63.6 | 65.4 | 69.5 | 75.5 | 80.6 | 88.1 | 105.3 | 122.0 | 111.8 | 115.2 |
| December | 57.2 | 57.3 | 59.1 | 64.0 | 65.7 | 69.9 | 75.9 | 80.7 | 90.0 | 105.3 | 121.9 | 111.7 | 116.2 |
| Average ${ }^{\text {th }}$ Quarter | 57.1 | 57.3 | 58.9 | 63.5 | 65.5 | 69.6 | 75.6 | 80.4 | 88.7 | 104.6 | 121.8 | 111.8 | 114.9 |
| Yearly average | 55.7 | 57.1 | 58.5 | 62.2 | 64.8 | 68.2 | 73.9 | 78.2 | 85.3 | 100.0 | 117.9 | 112.9 | 113.5 |
| Annual change (\%) |  | 2.5 | 2.4 | 6.4 | 4.1 | 5.3 | 8.4 | 5.8 | 9.1 | 17.3 | 17.8 | -4.2 | 0.5 |

[^0]
[^0]:    ${ }^{1}$ The indices for January 1998 to December 2006 originally based on 2003 have been converted to the new base 2007=100

