# **Quarterly Export and Import Price Indices**

# 2nd Quarter 2011 (Base year: 2007=100)

# 1. Introduction

The Export Price Index (EPI) provides an overall measure of pure price changes (in Mauritian rupees) of goods exported to other countries. The Import Price Index (IPI), on the other hand, measures pure price changes (in Mauritian rupees) of goods purchased from other countries.

This issue of Economic and Social Indicators presents a series of quarterly export and import price indices for the period 2009 to second quarter 2011 with 2007 as base year. The weights have been derived from exports and imports data for the base year, while the average import and export prices of representative items in 2007 have been used in the base year.

The methodology used and the weight structure are given in the technical notes at Annex.

# 2. Terms of trade (base year: 2007 = 100)

The terms of trade index is the ratio of export price index to import price index. A rise in this ratio indicates that the terms of trade have moved in favour of Mauritius. During the second quarter of 2011, exports and imports prices increased by 0.4% and 2.7% respectively when compared to the previous quarter. Consequently, the terms of trade were down by 2 points to reach 81.

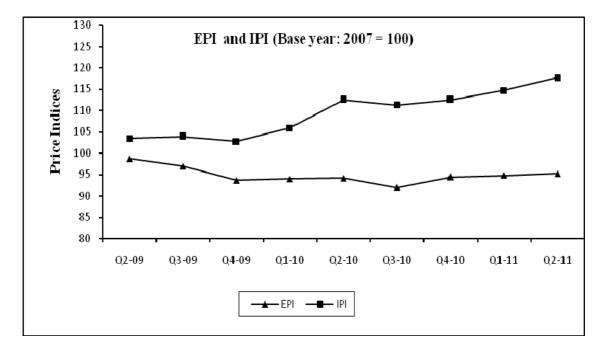


Chart 1: Export and Import price indices, 2<sup>nd</sup> Quarter 2009 – 2<sup>nd</sup> Quarter 2011

# 3. Export Price Index (EPI) – (Tables 4-9)

# **3.1** Structure of the EPI

The EPI covers six sections of the SITC, namely "Food and live animals", "Crude materials, inedible, except fuels", "Animals and vegetables oils & fats" "Chemicals and related products", "Manufactured goods classified chiefly by material" and "Miscellaneous manufactured articles". Exports of goods falling under these sections covered 88.0% of total exports in base year 2007. In addition to the overall index, separate sub-indices are given for the different sections, groups of commodities and items product categories.

# **3.2** Changes in Export Price Index (2<sup>nd</sup> quarter 2011)

# 3.2.1 Overall Index

During the second quarter of 2011, the EPI increased slightly by 0.4% to reach 95.2 from 94.8 in the previous quarter. That was mainly due to increases in the prices of "Food and live animals" (+2.7%), partly offset by a decrease in the prices of "Miscellaneous manufactured articles" (-0.7%).

Compared to price levels in the corresponding quarter of 2010, the index was higher by 1.0%, explained mainly by price increases in "Food and live animals" (+2.2%) and "Miscellaneous manufactured articles" (+0.2%).

# 3.2.2 Sub-indices by section

### Section 0: Food and live animals

During the second quarter of 2011, the sub-index for "Food and live animals" accounting for 34.5% of the total weight went up to 91.0 from 88.7 in the previous quarter, representing a rise of 2.7%. That was mainly due to an increase of 7.8% in the export prices of "Fish and fish preparations".

When compared to the corresponding quarter of 2010, the index rose by 2.2%, due to 10.4% increase in the prices of "Fish and fish preparations", partly offset by a fall of 3.1% in the prices of "Sugars, sugar preparations and honey".

# Section 2: Crude materials, inedible, except fuels

The index for "Crude materials, inedible, except fuels" increased by 7.1% from 105.0 in the first quarter of 2011 to 112.4 in the second quarter of 2011, as a result of a 7.1% rise in the export price of "Fresh cut flowers".

When compared to the corresponding quarter of 2010, the index was 8.5% lower.

### Section 4: Animal and vegetable oils, fats and waxes

During the second quarter of 2011, the index for "Animal and vegetable oils, fats and waxes" increased by 40.5% from 79.1 in the first quarter of 2011 to 111.1 in the second quarter of 2011.

Compared to the corresponding period of 2010, the index went up by 40.5%.

# Section 5: Chemicals and related products

The export price index for "Chemicals and related products", which stood at 88.4 in the first quarter of 2011, increased by 0.3% to reach 88.6 in the second quarter of 2011.

Compared to the corresponding quarter of 2010, the index went up by 2.0%.

# Section 6: Manufactured goods classified chiefly by material

Export prices of goods in this section, which consist mainly of textile fabrics, decreased by 1.7% from 131.8 in the first quarter of 2011 to 129.5 in the second quarter of 2011. This fall is explained by lower prices of 4.5 % in "Textile yarn and fabrics", the most important component of this section.

Compared to the corresponding quarter of 2010, the index rose by 1.4%, mainly as a result of a 22.8% rise in the export prices of "Non-metallic mineral manufactures, n.e.s".

### Section 8: Miscellaneous manufactured articles

"Miscellaneous manufactured articles" which consists mostly of articles of apparel and clothing accessories, is the most important section covered by the export price index as it carries about 55.2% of the total weight.

The index for "Miscellaneous manufactured articles" fell by 0.7% from 93.8 in the first quarter of 2011 to 93.2 in the second quarter of 2011 as a result of lower prices of "Articles of apparel and clothing accessories" (-1.5%).

Compared to the corresponding quarter of 2010, the index was up by 0.2% due to higher prices of "Photographic apparatus, equipment and supplies and optical goods, n.e.s., watches & clocks" (+48.8%).

# 4. Import Price Index (IPI) (Tables 10 -16)

# 4.1 Structure of the IPI

The IPI covers nine out of the 10 Standard International Trade Classification (SITC, Rev.3) sections.

The only section not covered is "Commodities and transactions not classified elsewhere", because of the heterogeneity of the products and the inherent difficulties in pricing items of a constant quality.

Thus, the index, either directly or indirectly, covers about 91.0% of merchandise imported during 2007. Sixty per cent of the items are directly represented. For those items which are not directly represented, the prices are considered to move similarly to those represented directly.

# 4.2 Changes in Import Price Index (2<sup>nd</sup> quarter 2011)

### 4.2.1 Overall Index

The Import Price Index (IPI) increased by 2.7% from 114.7 in the first quarter of 2011 to 117.7 in the second quarter of 2011. This was mainly the effect of increases in the prices of "Mineral fuels, lubricants and related materials" (+11.0%) and "Manufactured goods classified chiefly by material" (+5.1%).

Compared to the corresponding period of 2010, the index went up by 4.6%, mainly as a result of increases in the prices of "Mineral fuels, lubricants and related materials" (+19.8%) and "Manufactured goods classified chiefly by material" (+2.5%).

# 4.2.2 Sub-indices by section

### Section 0: Food and live animals

The index for "Food and live animals", representing about 18.0% of total weight, increased by 3.8%, from 119.1 in the first quarter of 2011 to 123.7 in the second quarter of 2011. Within the section, price increases were registered in "Fish and fish preparations" (+17.4%) and "Cereals and cereal preparations" (+2.3%), while decreases were noted in "Vegetables and fruit" (-13.3%) and "Meat and meat preparations" (-1.9%).

Compared to the second quarter of 2010, the index went up by 2.3%, mainly due to increases in the prices of "Fish and fish preparations" (+10.0%) and "Cereals and cereal preparations" (+3.5%).

### Section 1: Beverages and tobacco

The index for "Beverages and tobacco" was up by 1.0%, from 135.9 in the first quarter of 2011 to 137.4 in the second quarter of 2011, as a result of price increases of 1.8% in "Beverages".

Compared to the corresponding period of 2010, the index fell by 1.9% due to price falls of 2.3% and 1.6% in the prices of "Tobacco & tobacco manufactures" and "Beverages" respectively.

### Section 2: Crude materials, inedible, except fuels

The index for "Crude materials, inedible, except fuels" rose by 6.2% from 144.3 in the first quarter of 2011 to 153.3 in the second quarter of 2011, mainly as a result of increases of 17.2% in prices of "Textile fibres and their wastes".

Compared to the corresponding period of last year, the index increased by 2.3%, attributable to an increase of 24.6% in the prices of "Textile fibres and their wastes".

#### Section 3: Mineral fuels, lubricants and related materials

The index for "Mineral fuels, lubricants and related materials" with 20.0% of the total weight, increased by 11.0% from 125.5 in the first quarter of 2011 to reach 139.3 in the second quarter of 2011, mainly explained by an increase of 12.2% in the prices of "Petroleum, petroleum products and materials".

Compared to the corresponding period of 2010, the index rose by 19.8%, mainly due to a price increase of 22.5% in "Petroleum, petroleum products and materials".

### Section 4: Animal and vegetable oils, fats and waxes

The index for "Animal and vegetable oils, fats and waxes" remained almost at the same level of the first quarter of 2011.

When compared to the corresponding quarter of 2010, the index showed an increase of 41.5% reaching 152.9 from 108.0.

#### Section 5: Chemical materials and related products, not elsewhere specified (n.e.s)

The index for "Chemical materials and related products, n.e.s" increased slightly by 0.1% in the second quarter of 2011 from 105.3 in the first quarter of 2011 to reach 105.4. Prices increases were registered in "Plastics in primary forms" (+1.7%) and "Essential oils and resinoids & perfume materials" (+1.4%).

The index fell by 3.1% when compared to the corresponding period of last year.

### Section 6: Manufactured goods classified chiefly by material

In the second quarter of 2011, the index for "Manufactured goods classified chiefly by material" stood at 111.4, which represents an increase of 5.1% over the previous quarter figure of 106.0. This was mainly attributable to a rise in prices of "Non-metallic mineral manufactures n.e.s" (+11.6%) and "Textile yarn, fabrics, made-up articles n.e.s" (+5.8%).

When compared to the corresponding quarter of 2010, the index went up by 2.5%, mainly due to price increases in "Textile yarn, fabrics, made-up articles n.e.s" (+8.7%) and "Non-metallic mineral manufactures n.e.s" (+3.1%).

### Section 7: Machinery and transport equipment

The index of "Machinery and transport equipment" with 18.0% of total weight reached 97.2 in the second quarter of 2011, showing a decrease of 9.8% over the previous quarter figure of 107.8. This was mainly due to a decrease of 35.0% in the prices of "Telecommunications and sound recording and apparatus".

Compared to the corresponding quarter of 2010, the index fell by 2.0%, mainly attributable to price decreases of 5.5% in "Telecommunications and sound recording and apparatus".

### Section 8: Miscellaneous manufactured articles

The index of "Miscellaneous manufactured articles" fell by 0.8% in the second quarter of 2011 reaching 106.8 from 107.6 in the first quarter of 2011. This is mainly attributable to decreases in prices of "Miscellaneous manufactured articles, n.e.s" (-0.7%) and "Photographic apparatus, equipment and supplies and optical goods, n.e.s., watches & clocks" (-3.8%).

Compared to the corresponding quarter of 2010, the index went down by 3.8%, mainly due to lower prices of 8.5% in "Miscellaneous manufactured articles, n.e.s".

## 5. Past trends

As indicated earlier, EPI and IPI in this publication are not strictly comparable with previously published series worked out using 2003 as base year. Chain linked export and import price indices using 2007 as the base year have been worked out using appropriate conversion factors and are presented in Tables 9 and 16 respectively.

Statistics Mauritius Ministry of Finance and Economic Development PORT LOUIS September 2011

> <u>Contact Person</u> Mrs S. Bookal – Senior Statistical Officer

Statistics MauritiusTelephone: 2122316L.I.C CentreFax: 211 4150J. Kennedy StreetFort LouisPort LouisEmail: statsmauritius\_trade@mail.gov.mu

| Da                       | riod    | Price         | indices  | Terms of trade |
|--------------------------|---------|---------------|----------|----------------|
| re                       | riou    | Export        | Import   | Terms of trade |
|                          | Referen | nce year : 20 | 07 = 100 |                |
|                          | 2nd Qr  | 99            | 104      | 95             |
|                          | 3rd Qr  | 98            | 104      | 94             |
|                          | 4th Qr  | 94            | 103      | 92             |
|                          | Year    | 97            | 103      | 94             |
|                          | 1st Qr  | 94            | 106      | 89             |
|                          | 2nd Qr  | 94            | 112      | 84             |
| 2010                     | 3rd Qr  | 92            | 111      | 83             |
|                          | 4th Qr  | 94            | 112      | 84             |
|                          | Year    | 94            | 110      | 85             |
| <b>2011</b> <sup>1</sup> | 1st Qr  | 95            | 115      | 83             |
| 2011                     | 2nd Qr  | 95            | 118      | 81             |

Table 1- Price indices of exports and imports and terms of trade, 2nd quarter 2009 - 2nd quarter 2011

<sup>1</sup> Provisional

# Table 2-Percentage change in the price and volume of exports<sup>1</sup>, 2nd quarter 2010 - 2nd quarter 2011

| GUTIC            |  |        | F.O.B Valu | ue (Rs Mn)        | 0,    | 6 change |                     |
|------------------|--|--------|------------|-------------------|-------|----------|---------------------|
| SITC-<br>section | Description  | Weight | Apr-Jun    | Apr-Jun           | ,     | o enunge |                     |
| section          |  |        | 2010       | 2011 <sup>2</sup> | Value | Price    | Volume <sup>3</sup> |
|                  | Overall  | 10,000 | 14,993     | 15,460            | + 3   | + 1      | + 2                 |
| 0                | Food and live animals                                | 3,445  | 5,028      | 4,695             | - 7   | + 2      | - 9                 |
|                  | of which:  |        |            |                   |       |          |                     |
|                  | Sugar  | 1,904  | 1,968      | 1,724             | - 12  | -3       | - 10                |
| 2                | Crude materials, inedible except fuels               | 37     | 297        | 323               | + 9   | - 8      | + 19                |
| 4                | Animals and vegetables oils & fats                   | 9      | 17         | 37                | + 118 | + 40     | + 55                |
| 5                | Chemicals & related products, n.e.s                  | 233    | 507        | 527               | + 4   | + 2      | + 2                 |
| 6                | Manufactured goods classified chiefly by<br>material | 759    | 1,584      | 1,753             | + 11  | + 1      | + 9                 |
| 8                | Miscellaneous manufactured articles                  | 5,517  | 7,560      | 8,125             | + 7   | 0        | + 11                |

<sup>1</sup> Excluding sections 1,3,7 and 9 not covered by the EPI

<sup>2</sup> Provisional <sup>3</sup> Volume change has been derived as the ratio of value to price change

| GITO             |   |        | C.I.F Valu | ie (Rs Mn)        | % change |       |                     |  |  |
|------------------|---|--------|------------|-------------------|----------|-------|---------------------|--|--|
| SITC-<br>section | Description   | Weight | Apr-Jun    | Apr-Jun           | 7        |       | -                   |  |  |
|                  |   |        | 2010       | 2011 <sup>2</sup> | Value    | Price | Volume <sup>3</sup> |  |  |
|                  | Overall   | 10,000 | 33,819     | 34,621            | + 2      | + 5   | - 2                 |  |  |
| 0                | Food and live animals   | 1,808  | 5,572      | 6,379             | + 14     | + 2   | + 12                |  |  |
| 1                | Beverages & tobacco   | 138    | 599        | 675               | + 13     | - 2   | + 15                |  |  |
| 2<br>3           | Crude materials, inedible except fuels<br>Mineral fuels, lubricants & related | 288    | 774        | 949               | + 23     | + 2   | + 20                |  |  |
|                  | materials   | 2,004  | 6,610      | 7,377             | + 12     | + 20  | - 7                 |  |  |
| 4                | Animals and vegetables oils & fats  | 104    | 271        | 320               | + 18     | + 42  | - 17                |  |  |
| 5                | Chemicals & related products, n.e.s   | 851    | 2,877      | 2,942             | + 2      | -3    | + 6                 |  |  |
| 6                | Manufactured goods classified chiefly by<br>material                          | 2,141  | 6,519      | 7,090             | + 9      | + 3   | + 6                 |  |  |
| 7                | Machinery & transport equipment<br>(excluding aircraft)                       | 1,800  | 7,556      | 5,922             | - 22     | - 2   | - 20                |  |  |
| 8                | Miscellaneous manufactured articles   | 866    | 3,041      | 2,967             | - 2      | - 4   | + 1                 |  |  |

<sup>1</sup> Excluding section 9 not covered by the IPI

<sup>2</sup> Provisional <sup>3</sup> Volume change has been derived as the ratio of value to price change

| Table 4 - Quarterly Export Price Index by SITC | <sup>1</sup> section. 2nd quarter 2009 - 2nd quarter 2011 |
|--|---|
| Tuble + Quarterry Export Tree mater by SITC    | section, 2nd quarter 2007 2nd quarter 2011                |

| SITC <sup>1</sup> |   |        | 2009   |        |        |         |        |        |        | 2011   |         |        |                     |
|-------------------|---|--------|--------|--------|--------|---------|--------|--------|--------|--------|---------|--------|---------------------|
| Section           | Description                                       | Weight | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr <sup>2</sup> |
|                   | Overall   | 10,000 | 98.7   | 97.0   | 93.6   | 96.7    | 94.0   | 94.2   | 92.0   | 94.4   | 93.7    | 94.8   | 95.2                |
| 0                 | Food and live animals                             | 3,445  | 92.5   | 90.6   | 87.2   | 91.6    | 88.8   | 89.0   | 88.3   | 89.5   | 88.9    | 88.7   | 91.0                |
| 2                 | Crude materials, inedible, except fuels           | 37     | 116.4  | 139.9  | 146.7  | 135.7   | 121.9  | 122.9  | 134.8  | 120.9  | 125.1   | 105.0  | 112.4               |
| 4                 | Animals and vegetables oils & fats                | 9      | 117.4  | 114.7  | 71.6   | 101.7   | 75.6   | 79.1   | 79.1   | 79.1   | 78.2    | 79.1   | 111.1               |
| 5                 | Chemicals and related products, n.e.s             | 233    | 100.5  | 94.3   | 93.3   | 96.2    | 89.2   | 86.9   | 86.4   | 89.3   | 88.0    | 88.4   | 88.6                |
| 6                 | Manufactured goods classified chiefly by material | 759    | 134.7  | 127.1  | 123.0  | 128.1   | 133.5  | 127.8  | 130.6  | 125.0  | 129.2   | 131.8  | 129.5               |
| 8                 | Miscellaneous manufactured articles               | 5,517  | 97.4   | 96.6   | 93.3   | 95.4    | 91.9   | 93.0   | 88.9   | 93.3   | 91.8    | 93.8   | 93.2                |

Reference year 2007=100

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev 3)

Reference year 2007=100

| SITC <sup>1</sup> |   |        |        | 20     | 09     |             |        |        | 2010   |        |         | 20     | 011                 |
|-------------------|---|--------|--------|--------|--------|-------------|--------|--------|--------|--------|---------|--------|---------------------|
| Section           | Description   | Weight | 2nd Qr | 3rd Qr | 4th Qr | Average     | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr <sup>2</sup> |
|                   | Overall   | 10,000 | 98.7   | 97.0   | 93.6   | 96.7        | 94.0   | 94.2   | 92.0   | 94.4   | 93.7    | 94.8   | 95.2                |
| 0                 | Food and live animals   | 3,445  | 92.5   | 90.6   | 87.2   | 91.6        | 88.8   | 89.0   | 88.3   | 89.5   | 88.9    | 88.7   | 91.0                |
|                   | Live animals  | 163    | 113.9  | 112.7  | 106.6  | 110.9       | 90.0   | 92.5   | 91.0   | 89.9   | 90.8    | 89.0   | 84.7                |
|                   | Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof | 1,262  | 94.5   | 90.8   | 82.6   | 93.1        | 89.6   | 89.9   | 94.3   | 96.9   | 92.7    | 92.1   | 99.2                |
|                   | Cereals and cereal preparations   | 55     | 126.5  | 125.7  | 119.5  | 125.8       | 107.9  | 107.1  | 107.9  | 115.0  | 109.5   | 117.6  | 114.9               |
|                   | Sugars, sugar preparations and honey  | 1,904  | 87.7   | 86.9   | 86.9   | 87.3        | 86.9   | 86.9   | 82.4   | 82.4   | 84.6    | 84.2   | 84.2                |
|                   | Feeding stuff for animals   | 61     | 114.9  | 113.8  | 111.1  | 113.7       | 111.8  | 114.7  | 120.6  | 130.4  | 119.4   | 130.4  | 130.4               |
| 2                 | Crude materials, inedible, except fuels   | 37     | 116.4  | 139.9  | 146.7  | 135.7       | 121.9  | 122.9  | 134.8  | 120.9  | 125.1   | 105.0  | 112.4               |
|                   | Crude animal and vegetable materials<br>(Fresh cut flowers)                     | 37     | 116.4  | 139.9  | 146.7  | 135.7       | 121.9  | 122.9  | 134.8  | 120.9  | 125.1   | 105.0  | 112.4               |
| 4                 | Animal and vegetable oils, fats and waxes                                       | 9      | 117.4  | 114.7  | 71.6   | 101.7       | 75.6   | 79.1   | 79.1   | 79.1   | 78.2    | 79.1   | 111.1               |
|                   | Fixed vegetable fats and oils, crude, refined or fractionated                   | 9      | 117.4  | 114.7  | 71.6   | 101.7       | 75.6   | 79.1   | 79.1   | 79.1   | 78.2    | 79.1   | 111.1               |
| 5                 | Chemicals and related products, n.e.s   | 233    | 100.5  | 94.3   | 93.3   | 96.2        | 89.2   | 86.9   | 86.4   | 89.3   | 88.0    | 88.4   | 88.6                |
|                   | Organic chemicals   | 69     | 104.2  | 80.4   | 82.5   | <i>91.8</i> | 81.2   | 80.6   | 83.4   | 87.0   | 83.1    | 86.1   | 89.1                |
|                   | Medicinal and pharmaceutical products   | 164    | 99.0   | 100.1  | 97.8   | <i>98.1</i> | 92.6   | 89.6   | 87.7   | 90.2   | 90.0    | 89.3   | 88.4                |
| 6                 | Manufactured goods classified chiefly by material                               | 759    | 134.7  | 127.1  | 123.0  | 128.1       | 133.5  | 127.8  | 130.6  | 125.0  | 129.2   | 131.8  | 129.5               |
|                   | Textile yarn, fabrics, made-up articles,<br>n.e.s., & related products          | 438    | 146.2  | 130.7  | 126.5  | 135.3       | 148.4  | 139.5  | 140.8  | 126.8  | 138.9   | 138.1  | 131.9               |
|                   | Non-metallic mineral manufactures, n.e.s  | 178    | 120.1  | 120.5  | 118.5  | 118.9       | 115.8  | 116.2  | 126.9  | 134.8  | 123.4   | 137.1  | 142.7               |
|                   | Manufactures of metal, n.e.s.   | 143    | 117.5  | 124.1  | 117.9  | 117.5       | 109.8  | 106.3  | 104.0  | 107.0  | 106.8   | 105.9  | 105.9               |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev 3)

Reference year 2007=100

| SITC <sup>1</sup> |   |        |        | 20     | )09    |             |              |        |        | 2011        |             |        |                     |
|-------------------|---|--------|--------|--------|--------|-------------|--------------|--------|--------|-------------|-------------|--------|---------------------|
| Section           | Description   | Weight | 2nd Qr | 3rd Qr | 4th Qr | Average     | 1st Qr       | 2nd Qr | 3rd Qr | 4th Qr      | Average     | 1st Qr | 2nd Qr <sup>2</sup> |
| 8                 | Miscellaneous manufactured articles   | 5,517  | 97.4   | 96.6   | 93.3   | 95.4        | 91.9         | 93.0   | 88.9   | 93.3        | 91.8        | 93.8   | 93.2                |
|                   | Articles of apparel and clothing access   | 5,389  | 96.5   | 95.7   | 92.4   | 94.5        | 91.1         | 92.2   | 87.7   | 92.2        | 90.8        | 92.6   | 91.2                |
|                   | Men's or boys' coats, jackets, suits,<br>blazers, trousers, shorts, shirts etc,<br>not knitted or crocheted   | 1,488  | 99.8   | 98.3   | 93.4   | 97.5        | 92.2         | 94.0   | 92.7   | <i>96.5</i> | <i>93.9</i> | 97.6   | 98.8                |
|                   | Women's or girls' coats, jackets, suits,<br>blazers, trousers, shorts, shirts etc,<br>not knitted or crocheted<br>Men's or boys' coats, jackets, suits, | 256    | 110.7  | 113.1  | 130.1  | 116.5       | 131.6        | 138.6  | 136.3  | 137.2       | 135.9       | 136.2  | 132.9               |
|                   | blazers, trousers, shorts, shirts etc,<br>knitted or crochetted   | 546    | 83.2   | 84.3   | 82.1   | 82.4        | 80.1         | 77.4   | 76.6   | 77.6        | 77.9        | 77.7   | 76.8                |
|                   | Women's or girls' coats, jackets, suits,<br>blazers, trousers, shorts, shirts etc,<br>knitted or crochetted   | 49     | 93.5   | 94.6   | 92.4   | 92.6        | 87.5         | 84.6   | 82.8   | 85.2        | 85.0        | 84.3   | 83.8                |
|                   | Articles of apparel, of textile fabrics,<br>whether or not knitted or crocheted   | 3,050  | 95.9   | 95.1   | 90.6   | 93.3        | 89. <i>1</i> | 90.2   | 83.3   | 89.0        | 87.9        | 89.2   | 86.6                |
|                   | Photographic apparatus, equipment<br>and supplies and optical goods, n.e.s.;<br>watches & clocks  | 99     | 141.3  | 141.4  | 138.5  | 139.6       | 135.1        | 135.8  | 152.9  | 157.3       | 145.3       | 161.9  | 202.1               |
|                   | Optical goods, n.e.s  | 29     | 104.3  | 103.4  | 99.8   | 102.4       | 97.0         | 97.9   | 95.9   | 95.0        | 96.5        | 94.5   | 91.4                |
|                   | Watches and clocks  | 70     | 156.6  | 157.1  | 154.6  | 155.0       | 150.9        | 151.5  | 176.6  | 183.2       | 165.5       | 189.8  | 248.0               |
|                   | Miscellaneous manufactured articles,  |        |        |        |        |             |              |        |        |             |             |        |                     |
|                   | n.e.s   | 29     | 99.8   | 100.8  | 94.7   | <i>98.7</i> | 91.9         | 91.9   | 94.3   | 93.4        | 92.9        | 92.5   | 91.8                |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev 3)

<sup>2</sup> Provisional

10

|         |   |        |                 |                 |                 | Perc            | ntage change    | from            |                 |                 |                 |
|---------|---|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Section | Description                                       | Weight | 2nd Qr 10       | 3rd Qr 10       | 4th Qr 10       | 1st Qr 11       | 2nd Qr 09       | 3rd Qr 09       | 4th Qr 09       | 1st Qr 10       | 2nd Qr 10       |
|         |   |        | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 11 | to<br>2nd Qr 11 | to<br>2nd Qr 10 | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 11 | to<br>2nd Qr 11 |
|         | Overall   | 10,000 | -2.4            | 2.6             | 0.5             | 0.4             | -4.5            | -5.1            | 0.9             | 0.9             | 1.0             |
| 0       | Food and live animals                             | 3,445  | -0.9            | 1.4             | -0.9            | 2.7             | -3.8            | -2.6            | 2.6             | -0.1            | 2.2             |
| 2       | Crude materials, inedible, except fuels           | 37     | 9.7             | -10.3           | -13.2           | 7.1             | 5.5             | -3.7            | -17.6           | -13.9           | -8.5            |
| 4       | Animals and vegetables oils & fats                | 9      | 0.0             | 0.0             | 0.0             | 40.5            | -32.6           | -31.1           | 10.4            | 4.6             | 40.5            |
| 5       | Chemicals and related products, n.e.s             | 233    | -0.6            | 3.3             | -1.0            | 0.3             | -13.5           | -8.4            | -4.3            | -1.0            | 2.0             |
|         | Manufactured goods classified chiefly by material | 759    | 2.2             | -4.3            | 5.5             | -1.7            | -5.1            | 2.8             | 1.6             | -1.2            | 1.4             |
| 8       | Miscellaneous manufactured articles               | 5,517  | -4.4            | 4.9             | 0.5             | -0.7            | -4.5            | -7.9            | 0.1             | 2.1             | 0.2             |
|         |   |        |                 |                 |                 |                 |                 |                 |                 |                 |                 |

# Table 6 - Export Price Index: Percentage change by SITC<sup>1</sup> section, 2nd quarter 2010 - 2nd quarter 2011

Reference year 2007=100

# Table 7 - Export Price Index: Percentage change by SITC<sup>1</sup>, 2nd quarter 2010 - 2nd quarter Qr 2011

Reference year 2007=100

12

|         |   |        |                 |                 |                 | Perc            | ntage change    | from            |                 |                 |                 |
|---------|---|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Section | Description   | Weight | 2nd Qr 10       | 3rd Qr 10       | 4th Qr 10       | 1st Qr 11       | 2nd Qr 09       | 3rd Qr 09       | 4th Qr 09       | 1st Qr 10       | 2nd Qr 10       |
|         |   |        | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 11 | to<br>2nd Qr 11 | to<br>2nd Qr 10 | to<br>3rd Qr 10 | to<br>4th Qr 10 | to<br>1st Qr 11 | to<br>2nd Qr 11 |
|         | Overall   | 10,000 | -2.4            | 2.6             | 0.5             | 0.4             | -4.5            | -5.1            | 0.9             | 0.9             | 1.0             |
| 0       | Food and live animals   | 3,445  | -0.9            | 1.4             | -0.9            | 2.7             | -3.8            | -2.6            | 2.6             | -0.1            | 2.2             |
|         | Live animals  | 163    | -1.6            | -1.2            | -1.0            | -4.8            | -18.8           | -19.2           | -15.7           | -1.1            | -8.5            |
|         | Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof | 1,262  | 5.0             | 2.8             | -5.0            | 7.8             | -4.9            | 3.8             | 17.4            | 2.8             | 10.4            |
|         | Cereals and cereal preparations   | 55     | 0.7             | 6.6             | 2.2             | -2.3            | -15.3           | -14.1           | -3.7            | 9.0             | 7.3             |
|         | Sugars, sugar preparations and honey  | 1,904  | -5.1            | 0.0             | 2.2             | 0.0             | -1.0            | -5.1            | -5.1            | -3.1            | -3.1            |
|         | Feeding stuff for animals   | 61     | 5.2             | 8.1             | 0.0             | 0.0             | -0.2            | 6.0             | 17.3            | 16.6            | 13.7            |
| 2       | Crude materials, inedible, except fuels   | 37     | 9.7             | -10.3           | -13.2           | 7.1             | 5.5             | -3.7            | -17.6           | -13.9           | -8.5            |
|         | Crude animal and vegetable materials (Fresh cut flowers)                        | 37     | 9.7             | -10.3           | -13.2           | 7.1             | 5.5             | -3.7            | -17.6           | -13.9           | -8.5            |
| 4       | Animals and vegetables oils & fats  | 9      | 0.0             | 0.0             | 0.0             | 40.5            | -32.6           | -31.1           | 10.4            | 4.6             | 40.5            |
|         | Fixed vegetable fats and oils, crude, refined or fractionated                   | 9      | 0.0             | 0.0             | 0.0             | 40.5            | -32.6           | -31.1           | 10.4            | 4.6             | 40.5            |
| 5       | Chemicals and related products, n.e.s   | 233    | -0.6            | 3.3             | -1.0            | 0.3             | -13.5           | -8.4            | -4.3            | -1.0            | 2.0             |
|         | Organic chemicals   | 69     | 3.4             | 4.4             | -1.0            | 3.5             | -22.6           | 3.7             | 5.6             | 6.1             | 10.5            |
|         | Medicinal and pharmaceutical products   | 164    | -2.1            | 2.9             | -1.0            | -1.0            | -9.5            | -12.4           | -7.7            | -3.6            | -1.3            |
| 6       | Manufactured goods classified chiefly by material                               | 759    | 2.2             | -4.3            | 5.5             | -1.7            | -5.1            | 2.8             | 1.6             | -1.2            | 1.4             |
|         | Textile yarn, fabrics, made-up articles, n.e.s., & related products             | 438    | 1.0             | -9.9            | 8.9             | -4.5            | -4.6            | 7.7             | 0.3             | -6.9            | -5.4            |
|         | Non-metallic mineral manufactures, n.e.s  | 178    | 9.2             | 6.3             | 1.7             | 4.1             | -3.3            | 5.3             | 13.7            | 18.4            | 22.8            |
|         | Manufactures of metal, n.e.s.   | 143    | -2.1            | 2.9             | -1.0            | 0.0             | -9.6            | -16.2           | -9.2            | -3.6            | -0.4            |

# Table 7 (cont'd) - Export Price Index: Percentage change by SITC <sup>1</sup> 2nd quarter 2010 - 2nd quarter 2011

|         |   |        |                              |                              |                              | Percentag                    | e change from                | n                            |                              |                              |                              |
|---------|---|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Section | Description   | Weight | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rd Qr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
| 8       | Miscellaneous manufactured articles   | 5,517  | -4.4                         | 4.9                          | 0.0                          | -0.7                         | -4.5                         | -7.9                         | 0.1                          | 1.6                          | 0.2                          |
|         | Articles of apparel and clothing accessories  | 5,389  | -4.9                         | 5.0                          | -0.1                         | -1.5                         | -4.5                         | -8.3                         | -0.3                         | 1.1                          | -1.1                         |
|         | Men's or boys' coats, jackets, suits, blazers,<br>trousers, shorts, shirts etc, not knitted or crocheted                          | 1,488  | -1.4                         | 4.1                          | -0.6                         | 1.2                          | -5.7                         | -5.7                         | 3.3                          | 4.1                          | 5.0                          |
|         | Women's or girls' coats, jackets, suits, blazers,<br>trousers, shorts, shirts etc, not knitted or crocheted                       | 256    | -1.6                         | 0.7                          | -0.7                         | -2.4                         | 25.2                         | 20.6                         | 5.5                          | 3.5                          | -4.1                         |
|         | Men's or boys' coats, jackets, suits, blazers,<br>trousers, shorts, shirts etc, knitted or crochetted                             | 546    | -1.0                         | 1.3                          | 0.1                          | -1.1                         | -7.0                         | -9.1                         | -5.5                         | -3.0                         | -0.7                         |
|         | Women's or girls' coats, jackets, suits, blazers,<br>trousers, shorts, shirts etc, knitted or crochetted                          | 49     | -2.1                         | 2.9                          | -1.0                         | -0.7                         | -9.5                         | -12.4                        | -7.7                         | -3.6                         | -1.0                         |
|         | Articles of apparel, of textile fabrics, whether or<br>not knitted or crocheted<br>Photographic apparatus, equipment and supplies | 3,050  | -7.7                         | 6.8                          | 0.3                          | -2.9                         | -5.9                         | -12.4                        | -1.8                         | 0.1                          | -3.9                         |
|         | and optical goods, n.e.s.; watches & clocks   | 99     | 12.6                         | 2.9                          | 2.9                          | 24.8                         | -3.9                         | 8.2                          | 13.6                         | 19.8                         | 48.8                         |
|         | Optical goods,n.e.s   | 29     | -2.1                         | -1.0                         | -0.5                         | -3.2                         | -6.1                         | -7.3                         | -4.8                         | -2.6                         | -6.7                         |
|         | Watches and clocks  | 70     | 16.6                         | 3.7                          | 3.6                          | 30.6                         | -3.3                         | 12.4                         | 18.5                         | 25.8                         | 63.7                         |
|         | Miscellaneous manufactured articles, n.e.s  | 29     | 2.6                          | -0.9                         | -1.1                         | -0.7                         | -7.9                         | -6.4                         | -1.3                         | 0.6                          | -0.2                         |

Reference year 2007=100

|      | Ref   | erence ye | ear 1993= | -100  | Reference year 1997=100 |       |       |       |       |       | <b>Reference year 2003=100</b> |       |       |       | <b>Reference year 2007=100</b> |      |      |                          |
|------|-------|-----------|-----------|-------|-------------------------|-------|-------|-------|-------|-------|--------------------------------|-------|-------|-------|--------------------------------|------|------|--------------------------|
|      | 1994  | 1995      | 1996      | 1997  | 1998                    | 1999  | 2000  | 2001  | 2002  | 2003  | 2004                           | 2005  | 2006  | 2007  | 2008                           | 2009 | 2010 | <b>2011</b> <sup>1</sup> |
| Qr 1 | 103.2 | 109.5     | 117.0     | 125.3 | 102.1                   | 111.0 | 108.2 | 108.1 | 117.6 | 124.9 | 102.0                          | 112.0 | 116.4 | 129.1 | 96.5                           | 97.6 | 94.0 | 94.8                     |
| Qr 2 | 101.6 | 109.8     | 121.3     | 126.2 | 106.1                   | 110.0 | 105.3 | 107.4 | 120.2 | 126.5 | 106.3                          | 111.7 | 119.3 | 126.4 | 96.0                           | 98.7 | 94.2 | 95.2                     |
| Qr 3 | 105.2 | 113.2     | 126.8     | 123.8 | 111.3                   | 109.7 | 101.6 | 112.6 | 126.5 | 131.2 | 109.5                          | 114.6 | 122.0 | 126.4 | 96.9                           | 97.0 | 92.0 |                          |
| Qr 4 | 107.3 | 114.7     | 127.2     | 132.0 | 113.8                   | 109.7 | 102.4 | 114.8 | 126.8 | 132.2 | 111.3                          | 115.2 | 125.0 | 126.3 | 99.2                           | 93.6 | 94.4 |                          |
| Year | 104.3 | 111.8     | 123.1     | 126.8 | 108.3                   | 110.1 | 104.4 | 110.7 | 122.8 | 128.7 | 107.3                          | 113.4 | 120.7 | 127.1 | 97.2                           | 96.7 | 93.7 |                          |

 Table 8 - Quarterly Export Price Index, 1st Qr 1994 - 2nd Qr 2011 (multiple base)

|      |      |      |      |      |      |      |      | Ref  | ference yo | ear 2007= | :100 |      |      |       |                      |      |      |                          |
|------|------|------|------|------|------|------|------|------|------------|-----------|------|------|------|-------|----------------------|------|------|--------------------------|
|      | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002       | 2003      | 2004 | 2005 | 2006 | 2007  | 2008                 | 2009 | 2010 | <b>2011</b> <sup>1</sup> |
|      |      |      |      |      |      |      |      |      |            |           |      |      |      |       |                      |      |      |                          |
| Qr 1 | 49.8 | 52.8 | 56.4 | 60.4 | 62.4 | 67.9 | 66.2 | 66.1 | 71.9       | 76.4      | 80.3 | 88.2 | 91.6 | 101.6 | 96.5                 | 97.6 | 94.0 | 94.8                     |
|      |      |      |      |      |      |      |      |      |            |           |      |      |      |       |                      |      |      |                          |
| Qr 2 | 49.0 | 53.0 | 58.5 | 60.9 | 64.9 | 67.3 | 64.4 | 65.7 | 73.5       | 77.4      | 83.7 | 87.9 | 93.9 | 99.4  | 96.0                 | 98.7 | 94.2 | 95.2                     |
| Qr 3 | 50.7 | 54.6 | 61.2 | 59.7 | 68.1 | 67.1 | 62.1 | 68.9 | 77.4       | 80.2      | 86.2 | 90.2 | 96.0 | 98.9  | 96.9                 | 97.0 | 92.0 |                          |
| QI J | 50.7 | 54.0 | 01.2 | 57.1 | 00.1 | 07.1 | 02.1 | 00.9 | ,,,,       | 00.2      | 00.2 | 90.2 | 90.0 | 70.7  | <i>J</i> 0. <i>J</i> | 97.0 | 92.0 |                          |
| Qr 4 | 51.7 | 55.3 | 61.3 | 63.7 | 69.6 | 67.1 | 62.6 | 70.2 | 77.5       | 80.8      | 87.6 | 90.7 | 98.4 | 100.0 | 99.2                 | 93.6 | 94.4 |                          |
| Year | 50.3 | 53.9 | 59.4 | 61.2 | 66.2 | 67.3 | 63.8 | 67.7 | 75.1       | 78.7      | 84.4 | 89.2 | 95.0 | 100.0 | 97.2                 | 96.7 | 93.7 |                          |

 Table 9 - Quarterly Export Price Index, 1st Qr 1994 - 2nd Qr 2011 (single base)

# Table 10 - Quarterly Import Price Index by SITC<sup>1</sup> section, 2nd quarter 2009 - 2nd quarter 2011

| Section | Description                                       | Weight |        | 20     | 09     |         |        |        | 2010   |        |         | 20     | 011                 |
|---------|---|--------|--------|--------|--------|---------|--------|--------|--------|--------|---------|--------|---------------------|
|         | -   | 0      | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr <sup>2</sup> |
|         | Overall Index                                     | 10,000 | 103.5  | 103.9  | 102.8  | 103.2   | 105.9  | 112.5  | 111.3  | 112.5  | 110.6   | 114.7  | 117.7               |
| 0       | Food and live animals                             | 1,808  | 109.4  | 111.5  | 108.9  | 109.9   | 109.2  | 121.0  | 113.7  | 118.1  | 115.5   | 119.1  | 123.7               |
| 1       | Beverages and tobacco                             | 138    | 137.9  | 140.5  | 144.2  | 134.7   | 140.3  | 140.1  | 135.7  | 137.5  | 138.4   | 135.9  | 137.4               |
| 2       | Crude materials, inedible, except fuels           | 288    | 135.6  | 138.4  | 135.5  | 140.8   | 141.1  | 149.7  | 143.6  | 148.4  | 145.7   | 144.3  | 153.3               |
| 3       | Mineral fuels, lubricants and related materials   | 2,004  | 82.1   | 97.3   | 98.0   | 89.0    | 104.4  | 116.3  | 111.8  | 116.0  | 112.1   | 125.5  | 139.3               |
| 4       | Animal and vegetable oils, fats and waxes         | 104    | 96.4   | 101.7  | 99.8   | 101.9   | 109.1  | 108.0  | 108.4  | 115.8  | 110.3   | 152.8  | 152.9               |
| 5       | Chemical materials & related products, n.e.s      | 851    | 113.7  | 108.6  | 102.6  | 109.3   | 106.6  | 108.8  | 106.4  | 108.2  | 107.5   | 105.3  | 105.4               |
| 6       | Manufactured goods classified chiefly by material | 2,141  | 106.0  | 94.8   | 96.3   | 99.9    | 101.2  | 108.6  | 106.2  | 104.9  | 105.2   | 106.0  | 111.4               |
| 7       | Machinery and transport equipment                 | 1,800  | 104.3  | 103.3  | 100.4  | 103.4   | 100.6  | 99.2   | 110.4  | 107.5  | 104.4   | 107.8  | 97.2                |
| 8       | Miscellaneous manufactured articles               | 866    | 107.9  | 106.1  | 105.3  | 106.6   | 107.1  | 110.9  | 110.2  | 110.1  | 109.6   | 107.6  | 106.8               |

Reference year 2007 = 100

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

<sup>2</sup> Provisional

16

Reference year 2007 = 100

17

| Section/         | Description   | Weight |        | 20     | 09     |         |        |        | 2010   |        |         | 20     | )11                 |
|------------------|---|--------|--------|--------|--------|---------|--------|--------|--------|--------|---------|--------|---------------------|
| Division         | Description   | Weight | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr <sup>2</sup> |
|                  | Overall Index   | 10,000 | 103.5  | 103.9  | 102.8  | 103.2   | 105.9  | 112.5  | 111.3  | 112.5  | 110.6   | 114.7  | 117.7               |
| Section 0        | Food and live animals   | 1,808  | 109.4  | 111.5  | 108.9  | 109.9   | 109.2  | 121.0  | 113.7  | 118.1  | 115.5   | 119.1  | 123.7               |
| Div 00           | Live animals  | 29     | 108.4  | 101.6  | 98.5   | 110.9   | 98.5   | 123.1  | 119.6  | 122.0  | 115.8   | 122.4  | 122.4               |
| Div 01           | Meat and meat preparations  | 122    | 113.0  | 120.4  | 122.4  | 116.8   | 145.1  | 184.6  | 165.7  | 168.6  | 166.0   | 166.9  | 163.8               |
| Div 02           | Dairy products and birds' eggs  | 220    | 122.5  | 121.1  | 120.7  | 124.3   | 124.4  | 117.9  | 121.2  | 121.9  | 121.3   | 120.1  | 124.1               |
| Div 03           | Fish, crustaceans, etc, and preparations thereof  | 638    | 84.5   | 88.9   | 79.9   | 84.5    | 76.3   | 100.2  | 84.4   | 83.4   | 86.1    | 93.9   | 110.2               |
| Div 04           | Cereals and cereal preparations   | 360    | 141.2  | 138.7  | 134.1  | 139.3   | 135.6  | 132.5  | 134.5  | 138.2  | 135.2   | 134.0  | 137.1               |
|                  | of which wheat  | 144    | 127.9  | 124.1  | 124.1  | 126.0   | 117.9  | 117.9  | 117.9  | 113.2  | 116.7   | 110.9  | 110.9               |
| Div 05           | Vegetables and fruit  | 177    | 91.0   | 96.4   | 105.6  | 95.0    | 101.8  | 98.8   | 96.6   | 117.5  | 103.7   | 103.2  | 89.5                |
| Div 06           | Sugars, sugar preparations and honey  | 59     | 161.9  | 168.9  | 168.9  | 164.6   | 200.6  | 215.0  | 185.6  | 210.3  | 202.9   | 211.2  | 203.1               |
| Div 07           | Coffee, tea, cocoa, spices and manufactures thereof   | 47     | 111.6  | 111.6  | 113.4  | 110.8   | 110.4  | 127.0  | 130.4  | 131.9  | 124.9   | 137.6  | 130.3               |
| Div 08           | Feeding stuff for animals   | 40     | 100.8  | 104.8  | 131.2  | 106.8   | 95.5   | 90.9   | 82.0   | 99.2   | 91.9    | 105.2  | 92.1                |
| Div 09           | Miscellaneous edible products and preparations  | 116    | 122.6  | 118.9  | 121.4  | 118.9   | 113.9  | 131.8  | 133.6  | 139.2  | 129.6   | 133.6  | 134.0               |
| Section 1        | Beverages and Tobacco   | 138    | 137.9  | 140.5  | 144.2  | 134.7   | 140.3  | 140.1  | 135.7  | 137.5  | 138.4   | 135.9  | 137.4               |
| Div 11           | Beverages   | 81     | 137.2  | 140.1  | 143.2  | 134.4   | 136.7  | 136.2  | 135.2  | 133.3  | 135.3   | 131.6  | 134.0               |
| Div 12           | Tobacco and tobacco manufactures  | 57     | 138.7  | 141.1  | 145.5  | 135.2   | 145.5  | 145.5  | 136.5  | 143.6  | 142.8   | 142.1  | 142.1               |
| Section 2        | Crude materials, inedible, except fuels   | 288    | 135.6  | 138.4  | 135.5  | 140.8   | 141.1  | 149.7  | 143.6  | 148.4  | 145.7   | 144.3  | 153.3               |
| Div 24           | Cork and wood   | 98     | 204.8  | 195.3  | 188.8  | 206.9   | 193.8  | 210.4  | 193.0  | 190.1  | 196.8   | 185.6  | 177.3               |
| Div 26<br>Div 27 | Textile fibres and their wastes (not<br>manufactured into varn or fabric)<br>Crude fertilisers and crude minerals | 168    | 92.7   | 91.4   | 92.3   | 94.3    | 100.9  | 104.7  | 109.5  | 111.9  | 106.8   | 111.4  | 130.5               |
| DIV 27           | (excluding coal, petroleum and precious stones)   | 22     | 154.2  | 244.7  | 227.8  | 200.8   | 213.2  | 223.4  | 183.3  | 240.8  | 215.2   | 211.8  | 219.9               |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

| Table 11 (cont'd) - Quarterly | <sup>7</sup> Import Price Index by SITC | section & division, | 2nd quarter 2009 - | 2nd quarter 2011 |
|-------------------------------|---|---------------------|--------------------|------------------|
|-------------------------------|---|---------------------|--------------------|------------------|

Reference year 2007=100

| Section/  | Description   | Weight |        | 20     | 09     |              |        |        | 2010   |        | enec year 2  |        | )11                 |
|-----------|---|--------|--------|--------|--------|--------------|--------|--------|--------|--------|--------------|--------|---------------------|
| Division  | Description   | weight | 2nd Qr | 3rd Qr | 4th Qr | Average      | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average      | 1st Qr | 2nd Qr <sup>2</sup> |
| Section 3 | Mineral fuels, lubricants and related materials               | 2,004  | 82.1   | 97.3   | 98.0   | 89.0         | 104.4  | 116.3  | 111.8  | 116.0  | 112.1        | 125.5  | 139.3               |
| Div 32    | Coal, coke and briquettes                                     | 145    | 121.7  | 117.4  | 111.9  | 122.8        | 125.9  | 149.0  | 137.7  | 142.5  | 138.8        | 152.0  | 154.0               |
| Div 33    | Petroleum, petroleum products and related materials           | 1,725  | 79.2   | 96.2   | 96.4   | 86.1         | 101.9  | 113.5  | 110.8  | 113.6  | 110.0        | 123.9  | 139.1               |
| Div 34    | Gas, natural and manufactured                                 | 134    | 75.4   | 89.8   | 103.5  | 89.2         | 113.5  | 115.9  | 97.4   | 118.3  | 111.3        | 117.1  | 126.7               |
| Section 4 | Animal and vegetable oils, fats and waxes                     | 104    | 96.4   | 101.7  | 99.8   | 101.9        | 109.1  | 108.0  | 108.4  | 115.8  | 110.3        | 152.8  | 152.9               |
| Div 42    | Fixed vegetable fats and oils, crude, refined or fractionated | 104    | 96.4   | 101.7  | 99.8   | 101.9        | 109.1  | 108.0  | 108.4  | 115.8  | 110.3        | 152.8  | 152.9               |
|           | Chemical materials & related products,<br>n.e.s               | 851    | 113.7  | 108.6  | 102.6  | 109.3        | 106.6  | 108.8  | 106.4  | 108.2  | 107.5        | 105.3  | 105.4               |
| Div 51    | Organic chemicals   | 61     | 113.9  | 108.6  | 103.3  | 111.4        | 116.4  | 123.2  | 116.2  | 115.9  | 117.9        | 107.8  | 107.8               |
| Div 54    | Medicinal and pharmaceutical products                         | 225    | 98.6   | 98.3   | 94.8   | <b>96.</b> 8 | 98.2   | 99.2   | 98.4   | 96.6   | <i>98.1</i>  | 95.6   | 93.8                |
| Div 55    | Essential oils and resinoids & perfume materials;toilet, etc. | 147    | 123.3  | 130.8  | 128.4  | 124.4        | 125.6  | 126.6  | 123.0  | 124.0  | 124.8        | 121.7  | 123.4               |
| Div 56    | Fertilizers (other than those of group 272)                   | 49     | 230.5  | 150.2  | 115.5  | 181.7        | 115.5  | 115.5  | 96.7   | 96.2   | 106.0        | 95.5   | 109.5               |
| Div 57    | Plastics in primary forms                                     | 157    | 93.0   | 92.7   | 89.4   | 92.6         | 101.3  | 106.7  | 107.7  | 118.0  | 108.4        | 111.9  | 113.8               |
| Div 58    | Plastics in non-primary forms                                 | 81     | 102.2  | 100.4  | 96.2   | 99.1         | 95.7   | 94.9   | 100.6  | 101.9  | 98. <i>3</i> | 100.7  | 97.2                |
| Div 59    | Chemical materials & products, n.e.s                          | 131    | 117.0  | 109.8  | 101.3  | 112.3        | 104.9  | 106.8  | 102.7  | 103.5  | 104.5        | 100.9  | 97.6                |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

 Table 11 (cont'd) - Quarterly Import Price Index by SITC' section & division, 2nd quarter 2009 - 2nd quarter 2011

Reference year 2007 = 100

19

| Section/  |  |            |               | 20            | 09           |               |              |                | 2010           |                |                | 20            | )11                 |
|-----------|--|------------|---------------|---------------|--------------|---------------|--------------|----------------|----------------|----------------|----------------|---------------|---------------------|
| Division  | Description  | Weight     | 2nd Qr        | 3rd Qr        | 4th Qr       | Average       | 1st Qr       | 2nd Qr         | 3rd Qr         | 4th Qr         | Average        | 1st Qr        | 2nd Qr <sup>2</sup> |
| Section 6 | Manufactured goods classified chiefly by materi  | 2,141      | 106.0         | 94.8          | 96.3         | 99.9          | 101.2        | 108.6          | 106.2          | 104.9          | 105.2          | 106.0         | 111.4               |
| Div 61    | Leather, leather manufactures, n.e.s., & dressed f   | 27         | 111.3         | 112.9         | 110.4        | 111.2         | 104.5        | 99.2           | 97.8           | 101.1          | 100.7          | 101.4         | 101.9               |
| Div 62    | Rubber manufactures, n.e.s.  | 70         | 119.1         | 116.1         | 115.9        | 115.8         | 119.5        | 125.7          | 124.1          | 122.3          | 122.9          | 122.2         | 136.4               |
| Div 63    | Cork and wood manufactures (excluding furniture)   | 50         | 115.7         | 112.2         | 112.2        | 114.0         | 117.9        | 123.7          | 123.7          | 123.7          | 122.3          | 123.7         | 123.7               |
| Div 64    | Paper, paperboard and articles of paper pulp   | 151        | 94.2          | 92.4          | 88.5         | 92.7          | 88.1         | 95.0           | 94.1           | 94.7           | 93.0           | 93.5          | 94.6                |
| Div 65    | Textile yarn, fabrics, made-up articles, n.e.s   | 813        | 100.1         | 89.5          | 95.7         | 95.9          | 98.9         | 107.2          | 107.1          | 108.4          | 105.4          | 110.1         | 116.5               |
|           | of which<br>Textile yarn<br>Cotton fabrics, woven (not including narrow<br>or special fabrics) | 406<br>233 | 94.5<br>106.5 | 77.6<br>100.6 | 93.2<br>97.5 | 90.0<br>101.1 | 98.7<br>98.9 | 109.5<br>109.4 | 113.6<br>104.0 | 116.9<br>103.0 | 109.7<br>103.8 | 122.6<br>98.7 | 134.7<br>96.2       |
|           | Fabrics, woven, of man-made textile materials  | 100        | 100.4         | 97.7          | 93.1         | <i>98.1</i>   | 92.6         | 93.6           | 93.6           | 91.7           | 92.9           | 90.9          | 90.9                |
|           | Knitted/crocheted fabric including tubular<br>knit_fabrics_n_e_s                               | 74         | 110.0         | 108.9         | 107.0        | 108.9         | 108.1        | 106.1          | 99.6           | 101.6          | 103.8          | 104.0         | 115.3               |
| Div 66    | Non-metallic mineral manufactures, n.e.s.  | 416        | 117.8         | 92.5          | 97.6         | 105.8         | 108.1        | 111.2          | 103.5          | 96.7           | 104.9          | 102.8         | 114.7               |
|           | of which<br>Lime, cement & fab. const. materials (except<br>glass & clav mats.)                | 175        | 97.8          | 87.1          | 82.4         | 91.9          | 76.9         | 79.7           | 76.5           | 74.1           | 76.8           | 72.0          | 69.9                |
|           | Clay construction materials & refractory<br>construction materials                             | 66         | 107.4         | 104.4         | 103.4        | 105.5         | 106.4        | 108.9          | 105.2          | 102.8          | 105.8          | 101.5         | 99.8                |
|           | Pearls, precious and semi-precious stones,<br>unworked or worked                               | 175        | 141.8         | 93.5          | 110.8        | 119.7         | 140.0        | 143.7          | 129.8          | 117.0          | 132.6          | 134.0         | 165.1               |
| Div 67    | Iron and steel   | 285        | 94.7          | 80.7          | 76.7         | 88.8          | 81.2         | 92.7           | 92.7           | 89.0           | 88. <i>9</i>   | 86.7          | 88.9                |
| Div 68    | Non-ferrous metals   | 95         | 92.3          | 95.4          | 99.2         | 89.9          | 99.2         | 108.6          | 102.3          | 109.3          | 104.9          | 111.2         | 111.8               |
| Div 69    | Manufactures of metals, n.e.s.   | 247        | 126.0         | 123.4         | 112.9        | 116.9         | 121.6        | 129.9          | 125.6          | 122.7          | 125.0          | 118.3         | 116.7               |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

 Table 11 (cont'd) - Quarterly Import Price Index by SITC' section & division, 2nd quarter 2009 - 2nd quarter 2011

Reference year 2007 = 100

| Section/  | Description   | Weight |        | 20     | 09     |         |        |        | 2010   |        |             | 20     | )11                 |    |
|-----------|---|--------|--------|--------|--------|---------|--------|--------|--------|--------|-------------|--------|---------------------|----|
| Division  | Description   | weight | 2nd Qr | 3rd Qr | 4th Qr | Average | 1st Qr | 2nd Qr | 3rd Qr | 4th Qr | Average     | 1st Qr | 2nd Qr <sup>2</sup> |    |
| Section 7 | Machinery and transport equipment   | 1,800  | 104.3  | 103.3  | 100.4  | 103.4   | 100.6  | 99.2   | 110.4  | 107.5  | 104.4       | 107.8  | 97.2                |    |
| Div 71    | Power generating machinery and equipment  | 65     | 101.9  | 116.1  | 116.1  | 111.2   | 116.1  | 116.1  | 116.1  | 116.1  | 116.1       | 116.1  | 116.1               |    |
| Div 72    | Machinery specialized for particular industries   | 266    | 103.6  | 105.1  | 101.8  | 103.5   | 101.4  | 100.3  | 100.7  | 101.5  | 101.0       | 101.6  | 101.7               |    |
| Div 74    | General industrial machinery & equipment, n.e.s   | 271    | 107.9  | 104.2  | 95.4   | 103.7   | 95.8   | 97.3   | 96.9   | 98.3   | 97.1        | 97.2   | 97.9                |    |
| Div 75    | Office machines and automatic data processing machines  | 96     | 99.9   | 95.0   | 93.7   | 97.5    | 93.5   | 92.4   | 92.4   | 95.1   | 93.3        | 93.9   | 93.9                |    |
| Div 76    | Telecommunications and sound recording and  | 456    | 88.2   | 88.1   | 87.7   | 88.0    | 87.5   | 79.0   | 123.5  | 112.4  | 100.6       | 114.9  | 74.7                |    |
| Div 77    | Electrical machinery, apparatus and appliances,<br>n.e.s., & parts thereof reproducing apparatus                                      | 238    | 114.2  | 111.6  | 106.9  | 110.9   | 106.2  | 103.9  | 103.9  | 99.6   | 103.4       | 97.1   | 94.7                |    |
| Div 78    | Road vehicles (including air-cushion vehicles)  | 408    | 116.0  | 113.7  | 112.3  | 116.0   | 113.9  | 118.5  | 118.1  | 118.3  | 117.2       | 119.1  | 118.2               |    |
|           | of which Motor cars & other motor vehicles<br>principally designed for the transport of<br>persons, including station wagons & racing | 272    | 112.5  | 109.1  | 108.4  | 111.0   | 110.6  | 117.1  | 116.7  | 117.1  | 115.4       | 117.9  | 117.1               | 20 |
| Section 8 | Miscellaneous manufactured articles   | 866    | 107.9  | 106.1  | 105.3  | 106.6   | 107.1  | 110.9  | 110.2  | 110.1  | 109.6       | 107.6  | 106.8               |    |
|           | Prefabricated buildings; sanitary plumbing,<br>heating & lighting fixtures and fittings, n.e.s.                                       | 62     | 97.2   | 95.9   | 93.4   | 95.2    | 91.0   | 94.2   | 103.2  | 99.8   | 97.1        | 95.0   | 95.0                |    |
| Div 82    | Furniture & parts thereof; bedding, mattresses,<br>mattress support, cushions & similar stuffed<br>furnishings                        | 98     | 146.4  | 145.0  | 144.4  | 145.5   | 152.6  | 157.2  | 157.2  | 163.4  | 157.6       | 162.9  | 162.9               |    |
| Div 87    | Professional, scientific and controlling inst. and  | 103    | 97.2   | 98.2   | 97.1   | 96.7    | 97.1   | 95.0   | 119.8  | 122.2  | 108.5       | 119.7  | 119.7               |    |
| Div 88    | Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks  | 107    | 127.6  | 119.9  | 115.9  | 121.3   | 119.2  | 130.6  | 119.1  | 114.4  | 120.8       | 112.1  | 107.8               |    |
| Div 89    | Miscellaneous manufactured articles, n.e.s.   | 496    | 99.7   | 98.4   | 98.4   | 99.2    | 99.6   | 103.0  | 97.8   | 97.5   | <i>99.5</i> | 94.8   | 94.2                |    |
|           | of which Articles, n.e.s. of plastics   | 168    | 85.1   | 82.0   | 79.1   | 85.1    | 80.1   | 87.1   | 83.5   | 82.9   | 83.4        | 80.6   | 79.5                |    |
|           | Jewellery, goldsmiths' & silversmiths' wares of precious/semi-precious, n.e.s.  | 101    | 114.5  | 116.7  | 130.4  | 115.8   | 130.4  | 130.4  | 130.4  | 128.7  | 130.0       | 127.8  | 127.8               |    |

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

|         |   |        |                              |                              |                              | Perce                        | ntage change                 | e from                       |                              |                              |                              |
|---------|---|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Section | Description                                       | Weight | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rd Qr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
|         | Overall Index                                     | 10,000 | -1.1                         | 1.1                          | 1.9                          | 2.7                          | 8.7                          | 7.1                          | 9.5                          | 8.3                          | 4.6                          |
| 0       | Food and live animals                             | 1,808  | -6.0                         | 3.8                          | 0.9                          | 3.8                          | 10.6                         | 2.0                          | 8.4                          | 9.1                          | 2.3                          |
| 1       | Beverages and tobacco                             | 138    | -3.1                         | 1.3                          | -1.2                         | 1.0                          | 1.6                          | -3.4                         | -4.6                         | -3.1                         | -1.9                         |
| 2       | Crude materials, inedible, except fuels           | 288    | -4.1                         | 3.3                          | -2.7                         | 6.2                          | 10.5                         | 3.7                          | 9.5                          | 2.3                          | 2.3                          |
| 3       | Mineral fuels, lubricants and related materials   | 2,004  | -3.8                         | 3.7                          | 8.2                          | 11.0                         | 41.7                         | 14.9                         | 18.4                         | 20.2                         | 19.8                         |
| 4       | Animal and vegetable oils, fats and waxes         | 104    | 0.4                          | 6.8                          | 32.0                         | 0.0                          | 12.1                         | 6.6                          | 16.0                         | 40.1                         | 41.5                         |
| 5       | Chemical materials & related products, n.e.s      | 851    | -2.2                         | 1.7                          | -2.7                         | 0.1                          | -4.3                         | -2.0                         | 5.5                          | -1.2                         | -3.1                         |
| 6       | Manufactured goods classified chiefly by material | 2,141  | -2.2                         | -1.2                         | 1.0                          | 5.1                          | 2.5                          | 12.0                         | 9.0                          | 4.7                          | 2.5                          |
| 7       | Machinery and transport equipment                 | 1,800  | 11.3                         | -2.6                         | 0.2                          | -9.8                         | -4.9                         | 6.8                          | 7.1                          | 7.1                          | -2.0                         |
| 8       | Miscellaneous manufactured articles               | 866    | -0.7                         | 0.0                          | -2.2                         | -0.8                         | 2.8                          | 3.8                          | 4.6                          | 0.5                          | -3.8                         |

Reference year 2007=100

<sup>1</sup> The Standard International Trade Classification Revision 3 (SITC Rev. 3)

21

# Table 13 - Import Price Index: Percentage change by SITC<sup>1</sup> section & division, 2nd quarter 2010 - 2nd quarter 2011

Reference year 2007=100

22

|  |  |        |                              |                              |                              | Perce                        | entage chang                 | e from                      |                              |                              |                              |
|--|--|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| Section/<br>Division                   | Description  | Weight | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rdQr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
|  | Overall Index  | 10,000 | -1.1                         | 1.1                          | 1.9                          | 2.7                          | 8.7                          | 7.1                         | 9.5                          | 8.3                          | 4.6                          |
| Section 0                              | Food and live animals  | 1,808  | -6.0                         | 3.8                          | 0.9                          | 3.8                          | 10.6                         | 2.0                         | 8.4                          | 9.1                          | 2.3                          |
| Div 00                                 | Live animals   | 29     | -2.8                         | 2.0                          | 0.3                          | 0.0                          | 13.6                         | 17.8                        | 23.9                         | 24.2                         | -0.6                         |
| Div 01                                 | Meat and meat preparations   | 122    | -10.2                        | 1.8                          | -1.1                         | -1.9                         | 63.4                         | 37.6                        | 37.7                         | 15.0                         | -11.3                        |
| Div 02                                 | Dairy products and birds' eggs   | 220    | 2.8                          | 0.6                          | -1.4                         | 3.3                          | -3.7                         | 0.1                         | 0.9                          | -3.5                         | 5.2                          |
| 1 111 11 11 11 11 11 11 11 11 11 11 11 | Fish, crustaceans, etc, and preparations thereof   | 638    | -15.7                        | -1.2                         | 12.6                         | 17.4                         | 18.6                         | -5.0                        | 4.4                          | 23.1                         | 10.0                         |
| Div 04                                 | Cereals and cereal preparations  | 360    | 1.5                          | 2.8                          | -3.0                         | 2.3                          | -6.2                         | -3.0                        | 3.1                          | -1.1                         | 3.5                          |
|  | of which wheat   | 144    | 0.0                          | -4.0                         | -2.0                         | 0.0                          | -7.8                         | -5.0                        | -8.8                         | -5.9                         | -5.9                         |
| Div 05                                 | Vegetables and fruit   | 177    | -2.2                         | 21.6                         | -12.1                        | -13.3                        | 8.6                          | 0.3                         | 11.2                         | 1.4                          | -9.4                         |
| Div 06                                 | Sugars, sugar preparations and honey   | 59     | -13.7                        | 13.3                         | 0.4                          | -3.8                         | 32.8                         | 9.9                         | 24.5                         | 5.3                          | -5.6                         |
| Div 07                                 | Coffee, tea, cocoa, spices and manufactures thereof  | 47     | 2.6                          | 1.2                          | 4.3                          | -5.3                         | 13.8                         | 16.8                        | 16.3                         | 24.6                         | 2.6                          |
| Div 08                                 | Feeding stuff for animals  | 40     | -9.8                         | 20.9                         | 6.0                          | -12.4                        | -9.7                         | -21.7                       | -24.4                        | 10.1                         | 1.3                          |
|  | Miscellaneous edible products and preparations   | 116    | 1.3                          | 4.3                          | -4.0                         | 0.3                          | 7.5                          | 12.3                        | 14.7                         | 17.3                         | 1.7                          |
| Section 1                              | Beverages and Tobacco  | 138    | -3.1                         | 1.3                          | -1.2                         | 1.0                          | 1.6                          | -3.4                        | -4.6                         | -3.1                         | -1.9                         |
| Div 11                                 | Beverages  | 81     | -0.7                         | -1.4                         | -1.3                         | 1.8                          | -0.7                         | -3.5                        | -6.9                         | -3.7                         | -1.6                         |
| Div 12                                 | Tobacco and tobacco manufactures   | 57     | -6.2                         | 5.2                          | -1.0                         | 0.0                          | 4.9                          | -3.3                        | -1.3                         | -2.3                         | -2.3                         |
| Section 2                              | Crude materials, inedible, except fuels  | 288    | -4.1                         | 3.3                          | -2.7                         | 6.2                          | 10.5                         | 3.7                         | 9.5                          | 2.3                          | 2.3                          |
| Div 24                                 | Cork and wood  | 98     | -8.2                         | -1.5                         | -2.3                         | -4.5                         | 2.7                          | -1.1                        | 0.7                          | -4.2                         | -15.7                        |
| 1111111/26                             | Textile fibres and their wastes (not manufactured into yarn or fabric)                     | 168    | 4.6                          | 2.2                          | -0.5                         | 17.2                         | 12.9                         | 19.9                        | 21.2                         | 10.4                         | 24.6                         |
| Div 27                                 | Crude fertilisers and crude minerals<br>(excluding coal, petroleum and precious<br>stones) | 22     | -17.9                        | 31.3                         | -12.0                        | 3.9                          | 44.8                         | -25.1                       | 5.7                          | -0.7                         | -1.6                         |

# Table 13 cont'd - Import Price Index: Percentage change by SITC ' section & division, 2nd quarter 2010 - 2nd quarter 2011

Reference year 2007=100

23

|                      |   |        |                              |                              |                              | Perc                         | entage change                | e from                      |                              |                              |                              |
|----------------------|---|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| Section/<br>Division | Description   | Weight | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rdQr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
| Section 3            | Mineral fuels, lubricants and related materials               | 2,004  | -3.8                         | 3.7                          | 8.2                          | 11.0                         | 41.7                         | 14.9                        | 18.4                         | 20.2                         | 19.8                         |
| Div 32               | Coal, coke and briquettes                                     | 145    | -7.6                         | 3.5                          | 6.6                          | 1.3                          | 22.4                         | 17.2                        | 27.4                         | 20.7                         | 3.3                          |
| Div 33               | Petroleum, petroleum products and related materials           | 1,725  | -2.4                         | 2.5                          | 9.1                          | 12.2                         | 43.3                         | 15.2                        | 17.9                         | 21.6                         | 22.5                         |
| Div 34               | Gas, natural and manufactured                                 | 134    | -16.0                        | 21.5                         | -1.0                         | 8.2                          | 53.7                         | 8.4                         | 14.3                         | 3.1                          | 9.3                          |
| Section 4            | Animal and vegetable oils, fats and waxes                     | 104    | 0.4                          | 6.8                          | 32.0                         | 0.0                          | 12.1                         | 6.6                         | 16.0                         | 40.1                         | 41.5                         |
|                      | Fixed vegetable fats and oils, crude, refined or fractionated | 104    | 0.4                          | 6.8                          | 32.0                         | 0.0                          | 12.1                         | 6.6                         | 16.0                         | 40.1                         | 41.5                         |
| Section 5            | Chemical materials & related products, n.e.s                  | 851    | -2.2                         | 1.7                          | -2.7                         | 0.1                          | -4.3                         | -2.0                        | 5.5                          | -1.2                         | -3.1                         |
| Div 51               | Organic chemicals   | 61     | -5.6                         | -0.3                         | -7.0                         | 0.0                          | 8.1                          | 7.1                         | 12.2                         | -7.4                         | -12.5                        |
| Div 54               | Medicinal and pharmaceutical products                         | 225    | -0.9                         | -1.8                         | -1.0                         | -1.9                         | 0.6                          | 0.1                         | 1.9                          | -2.7                         | -5.5                         |
| Div 55               | Essential oils and resinoids & perfume materials;toilet, etc. | 147    | -2.8                         | 0.8                          | -1.9                         | 1.4                          | 2.7                          | -5.9                        | -3.4                         | -3.1                         | -2.5                         |
| Div 56               | Fertilizers (other than those of group 272)                   | 49     | -16.2                        | -0.6                         | -0.7                         | 14.6                         | -49.9                        | -35.6                       | -16.7                        | -17.3                        | -5.2                         |
| Div 57               | Plastics in primary forms                                     | 157    | 0.9                          | 9.6                          | -5.2                         | 1.7                          | 14.8                         | 16.2                        | 32.0                         | 10.5                         | 6.6                          |
| Div 58               | Plastics in non-primary forms                                 | 81     | 6.0                          | 1.3                          | -1.2                         | -3.5                         | -7.1                         | 0.2                         | 5.9                          | 5.2                          | 2.3                          |
| Div 59               | Chemical materials & products, n.e.s                          | 131    | -3.9                         | 0.9                          | -2.5                         | -3.3                         | -8.7                         | -6.5                        | 2.2                          | -3.8                         | -8.6                         |

 Table 13 cont'd - Import Price Index: Percentage change by SITC <sup>1</sup> section & division, 2nd quarter 2010 - 2nd quarter 2011

Reference year 2007 = 100

|                      |  |            |                              |                              |                              | Perce                        | ntage change                 | e from                      |                              |                              |                              |
|----------------------|--|------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| Section/<br>Division | Description  | Weight     | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rdQr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
| Section 6            | Manufactured goods classified chiefly by material  | 2,141      | -2.2                         | -1.2                         | 1.0                          | 5.1                          | 2.5                          | 12.0                        | 9.0                          | 4.7                          | 2.5                          |
| Div 61               | Leather, leather manufactures, n.e.s., & dressed furskins  | 27         | -1.4                         | 3.4                          | 0.2                          | 0.5                          | -10.8                        | -13.3                       | -8.4                         | -3.0                         | 2.7                          |
| Div 62               | Rubber manufactures, n.e.s.  | 70         | -1.3                         | -1.4                         | -0.1                         | 11.6                         | 5.5                          | 6.9                         | 5.5                          | 2.2                          | 8.5                          |
| Div 63               | Cork and wood manufactures (excluding furniture)   | 50         | 0.0                          | 0.0                          | 0.0                          | 0.0                          | 6.9                          | 10.2                        | 10.2                         | 5.0                          | 0.0                          |
| Div 64               | Paper, paperboard and articles of paper pulp   | 151        | -1.0                         | 0.7                          | -1.3                         | 1.1                          | 0.9                          | 1.8                         | 7.1                          | 6.1                          | -0.4                         |
| Div 65               | Textile yarn, fabrics, made-up articles, n.e.s   | 813        | -0.1                         | 1.2                          | 1.6                          | 5.8                          | 7.1                          | 19.7                        | 13.4                         | 11.4                         | 8.7                          |
|                      | of which<br>Textile yarn<br>Cotton fabrics, woven (not including narrow or   | 406<br>233 | 3.8<br>-5.0                  | 2.9<br>-0.9                  | 4.8<br>-4.2                  | 9.9<br>-2.5                  | 15.8<br>2.7                  | 46.5<br>3.3                 | 25.5<br>5.6                  | 24.2<br>-0.2                 | 23.1<br>-12.1                |
|                      | special fabrics)   |            |                              |                              |                              |                              |                              |                             |                              |                              |                              |
|                      | Fabrics, woven, of man-made textile materials<br>Knitted/crocheted fabric including tubular knit,<br>fabrics n e s | 100<br>74  | 0.0<br>-6.1                  | -2.1<br>2.0                  | -0.9<br>2.3                  | 0.0<br>10.9                  | -6.7<br>-3.5                 | -4.2<br>-8.5                | -1.6<br>-5.0                 | -1.9<br>-3.8                 | -2.9<br>8.7                  |
| Div 66               | Non-metallic mineral manufactures, n.e.s.  | 416        | -7.0                         | -6.5                         | 6.3                          | 11.6                         | -5.6                         | 11.8                        | -1.0                         | -5.0                         | 3.1                          |
|                      | of which<br>Lime, cement & fab. const. materials (except glass &<br>clay mats.)                                    | 175        | -4.0                         | -3.1                         | -2.8                         | -3.0                         | -18.5                        | -12.1                       | -10.1                        | -6.4                         | -12.3                        |
|                      | Clay construction materials & refractory construction materials  | 66         | -3.3                         | -2.3                         | -1.3                         | -1.7                         | 1.4                          | 0.8                         | -0.5                         | -4.6                         | -8.4                         |
|                      | Pearls, precious and semi-precious stones, unworked or worked  | 175        | -9.6                         | -9.8                         | 14.5                         | 23.2                         | 1.3                          | 38.8                        | 5.7                          | -4.3                         | 14.9                         |
| Div 67               | Iron and steel   | 285        | -0.1                         | -4.0                         | -2.5                         | 2.5                          | -2.0                         | 14.9                        | 16.0                         | 6.8                          | -4.1                         |
| Div 68               | Non-ferrous metals   | 95         | -5.8                         | 6.9                          | 1.7                          | 0.5                          | 17.6                         | 7.2                         | 10.2                         | 12.1                         | 3.0                          |
| Div 69               | Manufactures of metals, n.e.s.   | 247        | -3.3                         | -2.3                         | -3.6                         | -1.3                         | 3.1                          | 1.8                         | 8.7                          | -2.8                         | -10.1                        |

 Table 13 cont'd - Import Price Index: Percentage change by SITC <sup>1</sup> section & division, 2nd quarter 2010 - 2nd quarter 2011

Reference year 2007=100

25

|                      |  |        |                              |                              |                              | Perc                         | centage chan                 | ge from                     |                              |                              |                              |
|----------------------|--|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| Section/<br>Division | Description  | Weight | 2nd Qr 10<br>to<br>3rd Qr 10 | 3rd Qr 10<br>to<br>4th Qr 10 | 4th Qr 10<br>to<br>1st Qr 11 | 1st Qr 11<br>to<br>2nd Qr 11 | 2nd Qr 09<br>to<br>2nd Qr 10 | 3rd Qr 09<br>to<br>3rdQr 10 | 4th Qr 09<br>to<br>4th Qr 10 | 1st Qr 10<br>to<br>1st Qr 11 | 2nd Qr 10<br>to<br>2nd Qr 11 |
| Section 7            | Machinery and transport equipment  | 1,800  | 11.3                         | -2.6                         | 0.2                          | -9.8                         | -4.9                         | 6.8                         | 7.1                          | 7.1                          | -2.0                         |
| Div 71               | Power generating machinery and equipment   | 65     | 0.0                          | 0.0                          | 0.0                          | 0.0                          | 13.9                         | 0.0                         | 0.0                          | 0.0                          | 0.0                          |
| Div 72               | Machinery specialized for particular industries  | 266    | 0.4                          | 0.8                          | 0.1                          | 0.1                          | -3.2                         | -4.1                        | -0.3                         | 0.2                          | 1.4                          |
| Div 74               | General industrial machinery & equipment, n.e.s.   | 271    | -0.4                         | 1.5                          | -1.1                         | 0.7                          | -9.8                         | -7.0                        | 3.0                          | 1.5                          | 0.6                          |
| Div 75               | Office machines and automatic data processing machines   | 96     | 0.0                          | 2.9                          | -1.3                         | 0.0                          | -7.6                         | -2.7                        | 1.4                          | 0.4                          | 1.6                          |
| Div 76               | Telecommunications and sound recording and   | 456    | 56.3                         | -9.0                         | 2.2                          | -35.0                        | -10.4                        | 40.2                        | 28.2                         | 31.2                         | -5.5                         |
| Div 77               | Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus            | 238    | 0.0                          | -4.2                         | -2.5                         | -2.5                         | -9.0                         | -6.9                        | -6.8                         | -8.5                         | -8.9                         |
| Div 78               | Road vehicles (including air-cushion vehicles)   | 408    | -0.3                         | 0.1                          | 0.7                          | -0.7                         | 2.1                          | 3.9                         | 5.3                          | 4.5                          | -0.2                         |
|                      | of which Motor cars & other motor vehicles for the transport of persons                                  | 272    | -0.3                         | 0.4                          | 0.7                          | -0.7                         | 4.1                          | 7.0                         | 8.1                          | 6.6                          | 0.0                          |
| Section 8            | Miscellaneous manufactured articles  | 866    | -0.7                         | 0.0                          | -2.2                         | -0.8                         | 2.8                          | 3.8                         | 4.6                          | 0.5                          | -3.8                         |
| Div 81               | Prefabricated buildings; sanitary plumbing, heating & lighting fixtures and fittings, n.e.s.             | 62     | 9.6                          | -3.3                         | -4.8                         | 0.0                          | -3.1                         | 7.6                         | 6.8                          | 4.3                          | 0.8                          |
| Div 82               | Furniture & parts thereof; bedding, mattresses, mattress support, cushions & similar stuffed furnishings | 98     | 0.0                          | 3.9                          | -0.3                         | 0.0                          | 7.4                          | 8.4                         | 13.1                         | 6.8                          | 3.6                          |
| Div 87               | Professional, scientific and controlling inst. and app.  | 103    | 26.1                         | 2.0                          | -2.0                         | 0.0                          | -2.3                         | 22.0                        | 25.8                         | 23.3                         | 26.1                         |
| Div 88               | Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks               | 107    | -8.8                         | -4.0                         | -2.0                         | -3.8                         | 2.4                          | -0.6                        | -1.3                         | -5.9                         | -17.5                        |
| Div 89               | Miscellaneous manufactured articles, n.e.s.  | 496    | -5.0                         | -0.4                         | -2.7                         | -0.7                         | 3.3                          | -0.6                        | -0.9                         | -4.7                         | -8.5                         |
|                      | of which Articles, n.e.s. of plastics  | 168    | -4.1                         | -0.7                         | -2.8                         | -1.4                         | 2.3                          | 1.9                         | 4.8                          | 0.7                          | -8.7                         |
|                      | Jewellery, goldsmiths' & silversmiths' wares of precious/semi-precious, n.e.s                            | 101    | 0.0                          | -1.3                         | -0.7                         | 0.0                          | 13.9                         | 11.8                        | -1.3                         | -2.0                         | -2.0                         |

|      | Reference year 2003=100 |       |       | Reference year 2007=100 |       |       |       |                          |
|------|-------------------------|-------|-------|-------------------------|-------|-------|-------|--------------------------|
|      | 2004                    | 2005  | 2006  | 2007                    | 2008  | 2009  | 2010  | <b>2011</b> <sup>1</sup> |
| Qr 1 | 100.9                   | 123.6 | 137.8 | 156.2                   | 100.3 | 102.6 | 105.9 | 114.7                    |
| Qr 2 | 110.5                   | 124.8 | 141.1 | 151.8                   | 108.4 | 103.5 | 112.5 | 117.7                    |
| Qr 3 | 115.6                   | 134.1 | 148.3 | 150.2                   | 118.7 | 103.9 | 111.3 |                          |
| Qr 4 | 117.4                   | 132.7 | 153.3 | 156.2                   | 110.9 | 102.8 | 112.5 |                          |
| Year | 111.1                   | 128.8 | 145.1 | 153.6                   | 109.6 | 103.2 | 110.6 |                          |

 Table 14 - Quarterly Import Price Index, 1st Qr 2004 - 2nd Qr 2011 (multiple base)

|      | Reference year 2007=100 |      |      |       |       |       |       |                          |
|------|-------------------------|------|------|-------|-------|-------|-------|--------------------------|
|      | 2004                    | 2005 | 2006 | 2007  | 2008  | 2009  | 2010  | <b>2011</b> <sup>1</sup> |
| Qr 1 | 65.7                    | 80.5 | 89.7 | 101.7 | 100.3 | 102.6 | 105.9 | 114.6                    |
| Qr 2 | 71.9                    | 81.3 | 91.9 | 98.8  | 108.4 | 103.5 | 112.5 | 117.7                    |
| Qr 3 | 75.3                    | 87.3 | 96.5 | 97.8  | 118.7 | 103.9 | 111.3 |                          |
| Qr 4 | 76.4                    | 86.4 | 99.8 | 101.7 | 110.9 | 102.8 | 112.5 |                          |
| Year | 72.3                    | 83.9 | 94.5 | 100.0 | 109.6 | 103.2 | 110.6 |                          |

 Table 15 - Quarterly Import Price Index, 1st Qr 2004 - 2nd Qr 2011(single base)

### ANNEX

### **Technical Note**

# **Export Price Index (EPI)**

# Methodology for the Construction of the EPI

# Definition

The Export Price index (EPI) provides an overall measure of pure price changes in Mauritian Rupees of goods exported to other countries. This index is constructed from the export prices of a "constant" well-defined representative basket of products selected from trade data in the base year, that is, in 2007.

The first series of EPI was calculated with year 1993 as base and reference period. It was subsequently rebased in 1997, 2003 and 2007.

# **Scope and Classification**

The index is based on the Nomenclature of the Standard International Trade Classification of the United Nations (SITC Rev 4). Separate sub-indices are produced for each SITC section and for more detailed groups where possible.

The EPI covers domestic exports and re-exports, the most important commodities being sugar, textile fabrics, articles of apparel and clothing accessories.

However, some commodities were excluded in the computation of the weights, because of their heterogeneity and the inherent difficulties in pricing the items to a constant quality. These were precious stones, jewellery, recorded media and free publications, and all products classified within the Sections 1, 3, 7 and 9 of the SITC; together, they accounted for around 12% of total exports.

The index thus covers about 88% of the value of merchandise exported during 2007. Items directly represented (price movements followed), constitute 75% of the total value of exports. For the other 13% not directly represented, their prices are considered to move similarly to those represented directly.

# Selection of Items to be priced and Outlets

A representative sample of 25 exporting companies (outlets) was selected from trade declarations submitted to the Customs Department in 2007 for the pricing of the commodity items. The sample consists of major exporting companies trading on a regular basis. The selected companies are visited each quarter to collect the required prices.

A total of 65 items, representing 30 commodities were selected for pricing on the basis of regularity of trade and share in total exports, the most important ones being sugar, textile fabrics, and articles of apparel and clothing accessories. Specifications of items to be

priced (physical and qualitative) were established in collaboration with the selected exporting companies to ensure that same items are priced every quarter. Specifications include: pricing basis, contract basis, country of destination, unit of measurement, mode of transport, terms of payment, currency and any other conditions like quality and quantity of the product, that have a bearing on the price.

# Weighting Scheme

The weights have been derived from the 2007 total exports. Weights assigned to each section, division, group and commodity are based on their export values in 2007. Items selected for pricing purposes represent all commodities that fall within that weight group.

### Changes in the weights from 2003 to 2007

| Section   | Description                                       | 2003   | 2007   |
|-----------|---|--------|--------|
|           | All sections                                      | 10,000 | 10,000 |
| Section 0 | Food and live animals                             | 2,942  | 3,445  |
| Section 2 | Crude materials, inedible, except fuels           | 31     | 37     |
| Section 4 | Animal and vegetable oils, fats and waxes         | -      | 9      |
| Section 5 | Chemical materials & related products, n.e.s      | 21     | 233    |
| Section 6 | Manufactured goods classified chiefly by material | 293    | 759    |
| Section 8 | Miscellaneous manufactured articles               | 6,713  | 5,517  |

The changes in weights at section level are shown in the table below.

It is noted that the weights of "Food and live animals", and "Manufactured goods classified chiefly by material" have increased in the new weight structure due to their growing importance while the increase in the weights of "Chemicals and related products" was a result of the introduction of medicinal and pharmaceutical products in the index basket.

# **Base and Reference Period**

Both the base period (period to which weights refer) and the reference period (index=100) for the EPI are the calendar year 2007. Export data for year 2007 have been used to derive the weights while the yearly average prices were used as reference year prices. The quarterly average prices have also been used to calculate the quarterly indices for the reference year.

# **Price Collection**

Selected companies are visited once every quarter, but prices are collected for each month of the quarter and quarterly averages worked out for the computation of the price indices. Some 65 price quotations are collected each month. These prices are reported on a free on board (F.O.B.) basis and are mostly contract prices.

# Sugar

Due to its specificity, sugar has been treated differently. Sugar produced during a crop year, which normally extends from July to June of the following year, is usually exported during the same crop year. The export prices are mostly negotiated prices. These prices can be quite volatile between quarters, depending on the destination of the shipments. Therefore, in order to eliminate these price distortions between quarters, the same average yearly price for the crop year is used for the four quarters of that crop year. It is to be noted that the base year price of sugar is the average price for crop years 2006/07 and 2007/08.

### Uses of the EPI

The EPI is mainly used as price deflators for exports. It shows changes in the prices of Mauritian products sold abroad and can be used for calculating changes in the volume of exports.

It also serves as a basis to assess the competitiveness of Mauritian products in relation to price trends of common products of other countries with which Mauritius competes for markets.

# **Calculation of the EPI**

The lowest level (SITC 7 digit) indices are calculated as a geometric average of the price relatives of the basic observations. A modified Laspeyres formula, based on the weighted average of price relatives, is used to calculate higher level indices. The mathematical

$$I_{ot} = \frac{\sum W_i \times \frac{P_{it}}{P_{io}} \times 100}{\sum W_i}$$

form of the formula is shown below:

| Where | $1_{ot}$ is the index for period t compared to base period 0  |  |  |  |  |
|-------|---|--|--|--|--|
|       | $w_i$ is the weight of the $i^{th}$ element   |  |  |  |  |
|       | $P_{io}$ is the base price of the $i^{th}$ element  |  |  |  |  |
|       | $P_{it}$ is the price of the $i^{th}$ element in period t   |  |  |  |  |
|       | $\frac{P_{it}}{P_{ot}}$ is the price relative of the i <sup>th</sup> element<br>in period t relative to base period 0 |  |  |  |  |
|       | $\Sigma$ means summation over all selected elements   |  |  |  |  |

### **Import Price Index (IPI)**

## Methodology for the Construction of the IPI

### Definition

The Import Price Index (IPI) provides an overall measure of pure price changes (in Mauritian Rupees) of goods imported into the country.

The IPI is based on actual price measurements of a fixed basket of imported goods. It requires elaborate specifications of products and takes into account the main price determining factors such as country of origin and quality.

The first IPI was calculated with the year 2003 as reference and 2002 as base year. The new index is calculated with 2007 as base and reference year.

### **Scope and Classification**

The commodities are classified according to the United Nations Standard International Trade Classification (SITC Rev 4). Sub-indices are produced for each SITC section and for more detailed groups where possible.

For the computation of weights, some commodities accounting for around 9% of total imports in 2007 were excluded because of their heterogeneity and the inherent difficulties in pricing the items to a constant quality. These were: precious stones, jewellery, cellular telephones, recorded media and free publications, aircraft, helicopters and marine vessels, certain machine parts, textile wastes and Section 9 of the SITC described as "Commodities and transactions not classified elsewhere".

Thus, the index covers about 91% of the value of merchandise imported during 2007. Items directly represented (price movements followed), constitute around 60% of the total value of imports. For the other 31% not directly represented, their prices are considered to move similarly to those represented directly.

### Selection of Items to be priced and Outlets

The commodities forming the basket were selected according to the following criteria:

- (i) As far as possible, an item is included if it is imported regularly and frequently
- (ii) The items selected had to be, to a large extent, representative of the bulk of the trader's import
- (iii) There must be a sustained demand of the commodity variety
- (iv) Items had to be specific and detailed enough for pricing.

Similarly, an importer for a particular product is selected provided that he imports that product on a regular basis.

Detailed characteristics (physical and qualitative) of items to be priced were established in collaboration with the importers so that the price quotations from period to period refer to the same items. The following are some commodity specifications: pricing basis, country of importation, unit of measurement, mode of transport, terms of payment, currency and any other conditions like quality and quantity of the product that have a bearing on the price

At the end of the process, some 139 commodity items and 220 outlets were selected for subsequent pricing.

#### Weighting scheme

The weights were derived from total imports in 2007. Weights assigned to each section and group are based on their import values in that year .Products or group of products selected for pricing purposes represent all products that fall within that weight group.

### Changes in the weights from 2003 to 2007

The changes in weights at section level are shown in the table below.

| Section   | Description                                       | 2003   | 2007   |
|-----------|---|--------|--------|
|           | All sections                                      | 10,000 | 10,000 |
| Section 0 | Food and live animals                             | 1,621  | 1,808  |
| Section 1 | Beverages and Tobacco                             | -      | 138    |
| Section 2 | Crude materials, inedible, except fuels           | 221    | 288    |
| Section 3 | Mineral fuels, lubricants and related materials   | 1,789  | 2,004  |
| Section 4 | Animal and vegetable oils, fats and waxes         | 113    | 104    |
| Section 5 | Chemical materials & related products, n.e.s      | 467    | 851    |
| Section 6 | Manufactured goods classified chiefly by material | 3,776  | 2,141  |
| Section 7 | Machinery and transport equipment                 | 1,134  | 1,800  |
| Section 8 | Miscellaneous manufactured articles               | 879    | 866    |

The main changes were:

- (i) "Manufactured goods classified chiefly by material" declined by 1,635 from 3,776 in 2003 to 2,141 due to lower imports of textile yarn, paper and paperboard and cotton fabrics
- (ii) "Machinery and transport equipment" increased by 666 from 1,134 in 2003 to 1,800 as a result of higher imports.

### **Base and Reference Period**

Both the base period (period to which weights refer) and the reference period (index=100) for the IPI are the calendar year 2007. Import data for year 2007 have been used to derive the weights while the yearly average prices were used as reference year prices. The quarterly average prices have also been used to calculate the quarterly indices for the reference year.

### **Price collection**

There are two common practices for the collection of prices of items falling in the basket. Prices for the specified goods are collected each month from importers and average quarterly prices are then derived for compiling the index, or, in case where most imports occur at intervals longer than a month, prices are collected only once every quarter and refer to the last consignment. A preliminary survey of the importers has shown that, in the case of Mauritius, the second practice is more suitable.

Prices are reported on a cost, insurance and freight (c.i.f) basis and are expressed in Mauritian Rupees. Exchange rates from the Customs and Excise Department are used in case prices are reported in foreign currencies.

Though the frequency of imports has been taken into consideration in selecting items and importers, it may happen that some items in the basket have not been imported during a certain period. In such cases, the prices are estimated using the variations in the exchange rate of the currency of imports. The underlying assumption is that the only factor affecting the price is the value of the Mauritian Rupee relative to the transaction currency. However, for items that would no longer be imported, they would have to be substituted by similar items.

# Petroleum products and rice

It is to be noted that for petroleum products, the index is calculated differently given that these products, namely gasoline, gas oil, aviation fuel, fuel oil, LPG are now imported more than once during a quarter. All prices available for the quarter are collected and an average price for the quarter is computed.

The above pricing system is also applicable for rice, imported by the STC.

### **Uses of the Import Price Index**

The Import Price Index is an important economic indicator which is used, inter alia, to:

- (i) measure changes in prices of imports
- (ii) analyse the effect of import price changes on the various sectors of the economy
- (iii) calculate changes in the volume of imports
- (iv) calculate the terms of trade (that is the ratio of export prices to import prices)
- (v) analyse the effect of exchange rates on import prices.

# **Calculation of the IPI**

The lowest level indices are determined as a geometric average of the price relatives of the basic observations. A modified Laspeyres formula, based on the weighted average of price relatives, is used to calculate higher level indices.

The mathematical form of the formula is shown below:

$$I_{ot} = \frac{\sum W_i \times \frac{P_{it}}{P_{io}} \times 100}{\sum W_i}$$

Where

$$\begin{split} &1_{ot} \text{ is the index for period t compared to base period 0} \\ &w_i \text{ is the weight of the } i^{th} \text{ element} \\ &P_{io} \text{ is the base price of the } i^{th} \text{ element} \\ &P_{it} \text{ is the price of the } i^{th} \text{ element in period t} \\ &\frac{P_{it}}{P_{ot}} & \text{ is the price relative of the } i^{th} \text{ element} \\ &P_{ot} & \text{ in period t relative to base period 0} \end{split}$$

 $\boldsymbol{\Sigma}$  means summation over all selected elements