## Quarterly Export and Import Price Indices 4th Quarter 2009 (Base year: 2007=100)

## 1. Introduction

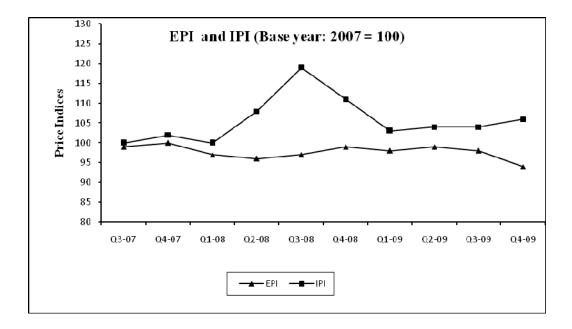
The Export Price Index (EPI) provides an overall measure of pure price changes (in Mauritian rupees) of goods exported to other countries. The Import Price Index (IPI), on the other hand, measures price changes (in Mauritian rupees) of goods purchased from other countries.

This issue of Economic and Social Indicators presents a series of quarterly export and import price indices for the period 2007 to fourth quarter 2009 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 as 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 fourth quarter of 2009, export prices decreased by 3.4% over the previous quarter while import prices increased by 1.8%. Consequently, the terms of trade decreased by 5 points to reach 89.



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## **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% 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 (4th quarter 2009)

## 3.2.1 Overall Index

During the fourth quarter of 2009, the EPI decreased by 3.4% to reach 94.4 from 97.8 in the third quarter of 2009. This was mainly due to decreases in the prices of "Food and live animals" (-3.6%), "Miscellaneous manufactured articles" (-3.4%), "Manufactured goods classified chiefly by material" (-3.2%) and "Chemicals and related products, n.e.s" (-1.1%).

Compared to price levels in the corresponding quarter of 2008, the index was 4.8% lower, mostly explained by a price decrease of 14.6% in "Food and live animals" offset by an increase of 1.2% in "Miscellaneous manufactured articles".

## 3.2.2 Sub-indices by section

## Section 0: Food and live animals

During the fourth quarter of 2009, the sub-index for "Food and live animals", accounting for 34.5% of the total weight decreased by 3.6% from 93.0 to 89.6, this was mainly due to a decrease of 9.1% in the export price of "Fish and fish preparations".

When compared to the corresponding quarter of 2008, the index fell by 14.6% due to a decline of 35.9% in the prices of "Fish and fish preparations".

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

The index for "Crude materials, inedible, except fuels" increased by 5.1% from 139.6 in the third quarter of 2009 to 146.7 in the fourth quarter of 2009 following an increase of 4.9% in the export price of fresh cut flowers.

When compared to the corresponding quarter of 2008, the index was 15.6% lower.

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

The index for "Animal and vegetable oils, fats and waxes" decreased by 37.6% from 114.7 in the third quarter to 71.6 in the fourth quarter of 2009.

Compared to the corresponding period of 2008, the index went down by 24.4%.

### Section 5: Chemicals and related products

The export price index for "Chemicals and related products" which stood at 94.3 in the third quarter of 2009, decreased by 1.1% to reach 93.3 in the fourth quarter of 2009.

Compared to the corresponding quarter of 2008, the index went up by 0.6%.

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

During the fourth quarter of 2009, the export prices of goods in this section, which consist mainly of textile fabrics, registered a decrease of 3.2% from 127.1 in the third quarter of 2009 to 123.0 in the fourth quarter of 2009. The export prices of "Textile yarn and fabrics", the most important component of this section, went down by 3.3%.

Compared to the corresponding quarter of 2008, the index decreased by 0.2%, mainly as a result of a 6.1% decrease in the export prices of "Textile yarn and fabrics".

#### Section 8: Miscellaneous manufactured articles

"Miscellaneous manufactured articles" which consists mostly of articles of wearing apparel, is the most important section of the export price index as it carries about 55% of the total weight.

During the fourth quarter of 2009, the index for this section decreased by 3.4% from 96.6 in the third quarter of 2009 to 93.3 in the fourth quarter of 2009. Within the section, the export prices of "Articles of apparel and clothing accessories" decreased by 3.4%.

Compared to the corresponding quarter of 2008, the index registered an increase of 1.2%.

#### 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, namely "Food and live animals", "Beverages and tobacco", "Crude materials, inedible, except fuels", "Mineral fuels, lubricants and related materials", "Animal and vegetable oils, fats and waxes", "Chemical materials and related products, n.e.s", "Manufactured goods classified chiefly by materials", "Machinery and transport equipment" and "Miscellaneous manufactured articles".

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

Thus, the index, either directly or indirectly, covers about 91% 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 – 4th quarter 2009

## 4.2.1 Overall Index

The Import Price Index (IPI) for the fourth quarter of 2009 went up by 1.8% to reach 105.8 from 103.9 in the previous quarter. This was mainly the effect of increases in the prices of "Mineral fuels, lubricants and related materials" (15.8%) and "Manufactured goods classified chiefly by material" (1.6%), partly offset by price decreases in "Food and live animals" (-2.3%) and "Machinery and transport equipment" (-2.7%).

Compared to the corresponding period of 2008, the index went down by 4.6% mainly as a result of decreases in prices of "Manufactured goods classified by material" (-11.5%), "Food and live animals" (-16.1%) and "Machinery and transport equipment" (-1.4%), partly offset by a price increase of 12.2% in "Mineral fuels, lubricants and related materials".

### 4.2.2 Sub-indices by section

### Section 0: Food and live animals

The index for "Food and live animals", representing about 18% of total weight, decreased by 2.3%, from 111.5 in the third quarter of 2009 to 108.9 in the fourth quarter of 2009. Within the section, the most significant price decreases were registered in "Fish and fish preparations" (-10.1%), "Cereals and cereal preparations" (-3.3%), "Dairy products and birds' eggs" (-0.3%) and "Meat and meat preparations" (1.7%), while increases have been registered in "Vegetables and fruits" (9.6%) and "Miscellaneous edible products and preparations" (2.1%).

Compared to the fourth quarter of 2008, the index went down by 16.1%, mostly as a result of decreases in the prices of "Fish and fish preparations" (-19.4%), "Cereals and cereal preparations" (-38.1%) and "Dairy products and birds'eggs" (-11.5%), partly offset by an increase in the price of "Vegetables and fruits" (20.2%).

#### Section 1: Beverages and tobacco

The index for "Beverages and tobacco" increased by 2.6% from 140.5 in the third quarter of 2009 to 144.2 in the fourth quarter of 2009, due to price increases of 2.3% and 3.2% in 'Beverages" and "Tobacco and tobacco manufactures" respectively.

When compared to the corresponding period of 2008, the index rose by 30.1%.

Section 2: Crude materials, inedible, except fuels

The index for "Crude materials, inedible, except fuels" decreased by 2.1% from 138.4 in the third quarter of 2009 to 135.5 in the fourth quarter of 2009 mainly as a result of decreases of 3.3% and 6.9% in the import prices of "cork and wood" and "Crude fertilizers and crude minerals" respectively.

Compared to the corresponding period of last year, the index decreased by 8.1% mainly attributable to decreases of 15.6% in the prices of "cork and wood" and 7.4% in "Textile fibres and their wastes".

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

The index for "Mineral fuels, lubricants and related materials" with 20% of the total weight went up by 15.8% from 97.3 in the third quarter of 2009 to reach 112.7, due to a rise of 17.9% in the prices of "Petroleum, petroleum products and materials".

Compared to the corresponding period of 2008, the index registered an increase of 12.2% mostly due to a rise of 21.5% in the prices of "Petroleum, petroleum products and materials".

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

During the fourth quarter of 2009, a decrease of 1.9% was registered in the index for "Animal and vegetable oils, fats and waxes"

When compared to the corresponding quarter of 2008, the index showed a decrease of 31.1%.

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

The index for "Chemical materials and related products, n.e.s" dropped by 5.5% in the fourth quarter of 2009 from 108.6 in the third quarter of 2009 to reach 102.6. During the quarter, decreases in import prices were registered in "Medicinal and pharmaceutical products" (-3.6%), "Plastics in primary forms" (-3.5%), "Essential oils and perfume materials, etc" (-1.8%), "Chemical materials and products, n.e.s" (-7.7%) and "Fertilizers" (-23.1%).

The index went down by 7.5% when compared to the corresponding period of last year.

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

In the fourth quarter of 2009, the index for "Manufactured goods classified chiefly by material" stood at 96.3, that is, an increase of 1.6% over the previous quarter. This is mainly attributable to price increases of 6.9% in "Textile yarn, fabrics, made-up-articles n.e.s" and 5.5% in "Non-metallic mineral manufactures n.e.s", partly offset by price decreases of 4.9% in "Iron and steel" and 8.5% in "Manufactures of metals, n.e.s".

When compared to the corresponding quarter of 2008, the index went down by 11.5%, mainly the effect of price decreases of 25.4%, 33.0% and 3.1% in "Non-metallic mineral manufactures n.e.s", "Iron and steel", and "Textile yarn, fabrics, made-up-articles n.e.s" respectively.

## Section 7: Machinery and transport equipment

The index of "Machinery and transport equipment" with 18% of total weight dropped to 100.6 in the fourth quarter of 2009, representing a decrease of 2.7% when compared to the previous quarter. Main decreases were registered in "Telecommunications and sound recording" (-0.4%) and "Road vehicles" (-0.5%), "General industrial machinery and equipment" (-8.5%), "Machinery specialized for particular industries" (-3.1%) and "Electrical machinery, apparatus and appliances, n.e.s., & parts thereof of reproducing apparatus" (-4.3%).

Compared to the corresponding quarter of 2008, the index decreased by 1.4% mainly attributable to price decreases in "Road vehicles" (-5.7%), and "General industrial machinery and equipment" (-5.4%).

## Section 8: Miscellaneous manufactured articles

The index for "Miscellaneous manufactured articles" went slightly down by 0.8% from 106.1 in the third quarter of 2009 to reach 105.3. The import prices of goods classified in the division "Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks" registered a drop of 3.3% and those of "Professional, scientific and controlling inst." a drop of 1.1%.

Compared to the corresponding quarter of 2008, the index went up by 2.7% mostly due to increases of 4.3% in the prices of "Miscellaneous manufactured articles" and of 8.1% in "Professional, scientific and controlling inst."

## 5. Past trends

The 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 15 respectively.

# Central Statistics Office

Ministry of Finance and Economic Empowerment PORT LOUIS

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Dor	iod	Price	indices	Terms of trade
rei	100	Export	Import	Terms of trade
	Referen	nce year : 20	07 = 100	
	1st Qr	102	99	103
	2nd Qr	99	99	100
2007	3rd Qr	99	100	99
	4th Qr	100	102	98
	Year	100	100	100
	1st Qr	97	100	97
	2nd Qr	96	108	89
2008	3rd Qr	97	119	81
	4th Qr	99	111	89
	Year	97	110	89
	1st Qr	98	103	95
	2nd Qr	99	104	95
2009	3rd Qr	98	104	94
	4th Qr	94	106	89
	Year	97	104	93

<sup>1</sup> Provisional

## Table 2-Percentage change in the price and volume of exports<sup>1</sup>, 4th quarter 2008 - 4th quarter 2009

SITC-			F.O.B Valu	ue (Rs Mn)	0,	6 change	
section	Description	Weight	Oct-Dec	Oct-Dec	,	o enange	
section			2008	2009	Value	Price	Volume <sup>3</sup>
	Overall	10,000	19,764	15,717	-20	-5	-16
0	Food and live animals	3,445	6,427	4,479	-30	-15	-18
	of which:						0
	Sugar	1,904	3,641	1,679	-54	+4	-56
2	Crude materials, inedible except fuels	37	180	252	40	-16	+66
4	Animals and vegetables oils & fats	9	2	11	450	-24	627
5	Chemicals & related products, n.e.s	233	648	655	1	+1	0
6	Manufactured goods classified chiefly by						
	material	759	1,319	1,350	2	0	3
8	Miscellaneous manufactured articles	5,517	7,547	7,291	-3	1	-4

<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

SITC-			C.I.F Valu	ie (Rs Mn)	(	% change	
section	Description	Weight	Oct-Dec	Oct-Dec			-
section			2008	2009	Value	Price	Volume <sup>3</sup>
	Overall	10,000	35,224	35,357	0	- 5	+ 5
0	Food and live animals	1,808	5,743	5,543	-3	- 16	+ 15
1	Beverages & tobacco	138	684	709	+ 4	+ 30	- 20
2	Crude materials, inedible except fuels	288	892	993	+ 11	- 8	+ 21
3	Mineral fuels, lubricants & related materials	2,004	5,904	5,675	-4	+ 12	- 14
4	Animals and vegetables oils & fats	104	516	292	- 43	- 31	- 18
5	Chemicals & related products, n.e.s	851	2,915	2,955	+1	- 8	+ 10
6	Manufactured goods classified chiefly by material	2,141	7,332	5,924	-19	- 12	- 8
7	Machinery & transport equipment (excluding aircraft)	1,800	7,532	9,634	+ 28	- 1	+ 29
8	Miscellaneous manufactured articles	866	3,706	3,632	-2	+ 3	- 5

Table 3 -Percentage change in the price and volume of total imports<sup>1</sup>, 4th quarter 2008 - 4th quarter 2009

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

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

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Table 4 - Quarterly Export Price In	ndev by SITC <sup>1</sup> section	2007 - Ath augeter 2009
Table 4 - Quarterry Export Trice I	nuck by SITC Section	2007 - Hill qualities 2007

SITC <sup>1</sup>			2007			2008					2009		
Section	Description	Weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
	Overall	10,000	100.0	96.5	96.0	96.9	99.2	97.2	97.6	98.7	97.8	94.4	97.1
0	Food and live animals	3,445	100.0	104.1	104.8	102.3	104.8	104.0	96.1	92.5	93.0	89.6	92.8
2	Crude materials, inedible, except fuels	37	100.0	88.0	116.9	148.3	173.9	131.8	139.6	116.4	139.6	146.7	135.6
4	Animals and vegetables oils & fats	9	100.0	94.7	94.7	94.7	94.7	94.7	103.2	117.4	114.7	71.6	101.7
5	Chemicals and related products, n.e.s	233	100.0	93.3	93.8	93.0	92.7	93.2	96.8	100.5	94.3	93.3	96.2
6	Manufactured goods classified chiefly by material	759	100.0	105.4	105.5	113.3	123.2	111.9	127.5	134.7	127.1	123.0	128.1
8	Miscellaneous manufactured articles	5,517	100.0	90.7	89.1	91.2	92.2	90.8	94.2	97.4	96.6	93.3	95.4

Reference year 2007=100

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

<sup>2</sup> Revised

# Table 5 - Quarterly Export Price Index by SITC <sup>1</sup>, 2007 - 4th quarter 2009

Reference year 2007=100

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SITC <sup>1</sup>		<b>XX</b> 7 • • • •	2007			2008					2009			1
Section	Description	Weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average	]
	Overall	10,000	100.0	96.5	96.0	96.9	99.2	97.2	97.6	98.7	97.8	94.4	97.1	
0	Food and live animals	3,445	100.0	104.1	104.8	102.3	104.8	104.0	96.1	92.5	93.0	89.6	92.8	
	Live animals	163	100.0	104.7	100.5	101.9	104.6	102.9	110.6	113.9	112.7	106.6	110.9	
	Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof	1,262	100.0	108.0	110.4	122.7	128.9	117.5	104.4	94.5	90.8	82.6	93.1	
	Cereals and cereal preparations	55	100.0	138.6	139.4	140.0	138.0	139.0	131.4	126.5	125.7	124.3	127.0	
	Sugars, sugar preparations and honey	1,904	100.0	100.6	100.6	87.7	87.7	94.2	87.7	87.7	91.1	91.1	89.4	
	Feeding stuff for animals	61	100.0	97.4	102.0	103.7	113.8	104.2	114.9	114.9	113.8	111.1	113.7	
2	Crude materials, inedible, except fuels	37	100.0	88.0	116.9	148.3	173.9	131.8	139.6	116.4	139.6	146.7	135.6	
	Crude animal and vegetable materials	37	100.0	88.0	116.9	148.3	173.9	131.8	139.6	116.4	139.9	146.7	135.7	
4	Animal and vegetable oils, fats and waxes	9	100.0	94.7	94.7	94.7	94.7	94.7	103.2	117.4	114.7	71.6	101.7	
	Fixed vegetable fats and oils, crude, refined or fractionated	9	100.0	94.7	94.7	94.7	94.7	94.7	103.2	117.4	114.7	71.6	101.7	
5	Chemicals and related products, n.e.s	233	100.0	93.3	93.8	93.0	92.7	93.2	96.8	100.5	94.3	93.3	96.2	
	Organic chemicals	69	100.0	96.9	97.6	95.6	96.2	96.6	100.4	104.2	80.4	82.5	91.8	
	Medicinal and pharmaceutical products	164	100.0	91.8	92.2	91.9	91.2	91.8	95.4	99.0	100.1	97.8	98.1	
6	Manufactured goods classified chiefly by material	759	100.0	105.4	105.5	113.3	123.2	111.9	127.5	134.7	127.1	123.0	128.1	
	Textile yarn, fabrics, made-up articles, n.e.s., & related products	438	100.0	107.5	107.5	119.1	134.7	117.2	137.6	146.2	130.7	126.5	135.3	
	Non-metallic mineral manufactures, n.e.s	178	100.0	99.5	99.3	104.6	109.1	103.1	116.3	120.1	120.5	118.5	118.9	
	Manufactures of metal, n.e.s.	143	100.0	106.5	106.9	106.5	105.7	106.4	110.6	117.5	124.1	117.9	117.5	

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

<sup>2</sup> Revised

SITC <sup>1</sup>			2007			2008					2009			]
Section	Description	Weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average	
8	Miscellaneous manufactured articles	5,517	100.0	90.7	89.1	91.2	92.2	90.8	94.2	97.4	96.6	93.3	95.4	
	Articles of apparel and clothing accessor	5,389	98.7	90.6	92.2	90.8	91.6	91.3	93.4	96.5	95.7	92.4	94.5	
	Men's or boys' coats, jackets, suits, blazers, trousers, shorts, shirts etc, not knitted or crocheted	1,488	98.8	91.9	90.5	94.0	98.7	93.8	98.6	99.8	98. <i>3</i>	93.4	97.5	
	Women's or girls' coats, jackets, suits, blazers, trousers, shorts, shirts etc, not knitted or crocheted	256	98.7	89.7	88. <i>1</i>	90.4	101.3	92.4	112.3	110.7	113.1	130.1	116.5	
	Men's or boys' coats, jackets, suits, blazers, trousers, shorts, shirts etc,													
	knitted or crochetted	546	99.9	91.9	90.2	90.0	78.3	87.6	79.9	83.2	84.3	82.1	82.4	10
	Women's or girls' coats, jackets, suits, blazers, trousers, shorts, shirts etc, knitted or crochetted	49	98.8	90.7	91.3	91.6	86.1	89.9	90.1	93.5	94.6	92.4	92.6	
	Articles of apparel, of textile fabrics, whether or not knitted or crocheted	3,050	100.0	89.8	87.7	89.5	89.8	89.2	91.8	95.9	95.1	90.6	93.3	
	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	99	101.5	99.9	106.4	110.6	124.3	110.3	137.1	141.3	141.4	138.5	139.6	
	Optical goods, n.e.s	29	99.3	93.1	88.6	91.5	95.6	92.2	102.1	104.3	103.4	99.8	102.4	
	Watches and clocks	70	102.5	102.7	113.7	118.5	136.2	117.8	151.6	156.6	157.1	154.6	155.0	
	Miscellaneous manufactured articles,													
	n.e.s	29	97.5	88.8	86.2	87.2	94.4	89.1	99.4	99.8	100.8	94.7	98.7	

## Table 5 (cont'd) - Quarterly Export Price Index by SITC<sup>1</sup>, 2007 - 4th quarter 2009

Reference year 2007=100

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

<sup>2</sup> Revised

	1							j.	al 2007–100		
Section	Description	Weight	3rd Qr 08	4th Qr 08	1st Qr 09	2nd Qr 09	3rd Qr 09	1st Qr 08	2nd Qr 08	3rd Qr 08	4th Qr 08
			to 4th Qr 08	to 1st Qr 09	to 2nd Qr 09	to 3rd Qr 09	to 4th Qr 09	to 1st Qr 09	to 2nd Qr 09	to 3rd Qr 09	to 4th Qr 09
	Overall	10000	2.4	-1.6	1.1	-0.9	-3.4	1.2	2.8	0.8	-4.8
0	Food and live animals	3445	2.5	-8.4	-3.7	0.5	-3.6	-7.7	-11.7	-9.1	-14.6
2	Crude materials, inedible, except fuels	37	17.3	-19.7	-16.6	19.9	5.1	58.6	-0.4	-5.8	-15.6
4	Animals and vegetables oils & fats	9	0.0	9.0	13.7	-2.2	-37.6	9.0	24.0	21.2	-24.4
5	Chemicals and related products, n.e.s	233	-0.3	4.5	3.8	-6.2	-1.1	3.7	7.2	1.4	0.6
6	Manufactured goods classified chiefly by material	759	8.7	3.5	5.6	-5.6	-3.2	21.0	27.7	12.2	-0.2
8	Miscellaneous manufactured articles	5517	1.1	2.2	3.3	-0.8	-3.4	3.9	9.3	5.9	1.2

## Table 6 - Export Price Index: Percentage change by SITC<sup>1</sup> section, 3rd quarter 2008 - 4th quarter 2009

Reference year 2007=100

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

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								Reference ye			
Section	Description	Weight	3rd Qr 08 to 4th Qr 08	4th Qr 08 to 1st Qr 09	1st Qr 09 to 2nd Qr 09	2nd Qr 09 to 3rd Qr 09	3rd Qr 09 to 4th Qr 09	1st Qr 08 to 1st Qr 09	2nd Qr 08 to 2nd Qr 09	3rd Qr 08 to 3rd Qr 09	4th Qr 08 to 4th Qr 09
	Overall	10,000	2.4	-1.6	1.1	-0.9	-3.4	1.2	2.8	0.8	-4.8
0	Food and live animals	3,445	2.5	-8.4	-3.7	0.5	-3.6	-7.7	-11.7	-9.1	-14.6
	Live animals	163	2.7	5.7	2.9	-1.1	-5.4	5.7	13.3	10.5	1.9
	Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof	1,262	5.1	-19.0	-9.5	-3.9	-9.1	-3.4	-14.4	-25.9	-35.9
	Cereals and cereal preparations	55	-1.5	-4.7	-3.7	-0.7	-1.1	-5.2	-9.2	-10.3	-9.9
	Sugars, sugar preparations and honey	1,904	0.0	0.0	0.0	3.8	0.0	-12.9	-12.9	3.8	3.8
	Feeding stuff for animals	61	9.7	1.0	0.0	-1.0	-2.3	18.0	12.7	9.7	-2.3
2	Crude materials, inedible, except fuels	37	17.3	-19.7	-16.6	19.9	5.1	58.6	-0.4	-5.8	-15.6
	Crude animal and vegetable materials	37	17.3	-19.7	-16.6	20.1	4.9	58.6	-0.4	-5.6	-15.6
4	Animals and vegetables oils & fats	9	0.0	9.0	13.7	-2.2	-37.6	9.0	24.0	21.2	-24.4
	Fixed vegetable fats and oils, crude, refined or fractionated	9	0.0	9.0	13.7	-2.2	-37.6	9.0	24.0	21.2	-24.4
5	Chemicals and related products, n.e.s	233	-0.3	4.5	3.8	-6.2	-1.1	3.7	7.2	1.4	0.6
	Organic chemicals	69	0.6	4.3	3.8	-22.8	2.6	3.5	6.7	-15.9	-14.3
	Medicinal and pharmaceutical products	164	-0.8	4.6	3.8	1.1	-2.3	3.8	7.4	9.0	7.3
6	Manufactured goods classified chiefly by material	759	8.7	3.5	5.6	-5.6	-3.2	21.0	27.7	12.2	-0.2
	Textile yarn, fabrics, made-up articles, n.e.s., & related products	438	13.1	2.2	6.2	-10.5	-3.3	28.1	36.0	9.8	-6.1
	Non-metallic mineral manufactures, n.e.s	178	4.3	6.5	3.3	0.3	-1.6	16.8	20.9	15.2	8.6
	Manufactures of metal, n.e.s.	143	-0.8	4.6	6.3	5.6	-5.0	3.9	9.9	16.5	11.5

# Table 7 - Export Price Index: Percentage change by SITC<sup>1</sup>, 3rd Qr 2008 - 4th Qr 2009

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

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Reference year 2007=100

## Table 7 (cont'd) - Export Price Index: Percentage change by SITC<sup>1</sup>, 3rd quarter 2008 - 4th quarter 2009

Percentage change from Section Description 3rd Qr 08 4th Qr 08 1st Qr 09 2nd Qr 09 3rd Qr 09 1st Qr 08 2nd Qr 08 3rd Qr 08 4th Qr 08 Weight to to to to to to to to to 4th Qr 08 1st Qr 09 2nd Qr 09 3rd Qr 09 4th Qr 09 1st Qr 09 2nd Qr 09 3rd Qr 09 4th Qr 09 8 Miscellaneous manufactured articles 2.2 3.3 -0.8 9.3 5.9 1.2 5,517 1.1 -3.4 3.9 Articles of apparel and clothing accessories 2.0 0.9 5,389 0.8 3.3 -0.9 -3.4 3.2 4.7 5.4 Men's or boys' coats, jackets, suits, blazers, trousers, shorts, shirts etc, not knitted or crocheted 1,488 5.0 -0.1 1.2 -1.5 -5.0 7.3 10.2 4.6 -5.3 Women's or girls' coats, jackets, suits, blazers, trousers, shorts, shirts etc, not knitted or crocheted 256 12.1 10.9 -1.5 2.1 15.1 25.2 25.7 25.1 28.4 Men's or boys' coats, jackets, suits, blazers, trousers, shorts, shirts etc, knitted or crochetted 546 -13.0 2.0 4.1 1.3 -2.6 -13.1 -7.7 -6.3 4.8 Women's or girls' coats, jackets, suits, blazers, trousers, shorts, shirts etc, knitted or crochetted 49 -6.0 4.6 3.8 1.1 -2.3 -0.7 2.4 3.2 7.3 Articles of apparel, of textile fabrics, whether or not 0.9 knitted or crocheted 3,050 0.4 2.2 4.4 -0.9 -4.7 2.3 9.3 6.3 Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks 99 3.1 -2.0 32.9 11.4 12.4 10.3 0.1 37.2 27.8 Optical goods, n.e.s 29 4.5 2.2 -0.9 -3.5 9.7 17.8 4.4 6.8 13.0 70 13.5 Watches and clocks 14.9 11.3 3.3 0.3 -1.6 47.6 37.7 32.6 Miscellaneous manufactured articles, n.e.s 29 8.3 5.3 0.4 1.0 -6.0 12.0 15.8 15.6 0.3

Reference year 2007=100

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

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Table 8 - Quarterly Export Price Index, 1 <sup>5</sup>	<sup>t</sup> Qr 1994 - 4th	Qr 2009 (multiple base)
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	Re	ference ye	ear 1993=	100	<b>Reference year 1997=100</b>					Re	ference y	ear 2003=	100	Reference	year 2007=100	
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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
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
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	97.8 <sup>1</sup>
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	94.4 <sup>2</sup>
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	97.1

<sup>1</sup> Revised

							R	eference ye	ear 2007=1	00						
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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
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
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	97.8 <sup>1</sup>
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	94.4 <sup>2</sup>
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	97.1

Table 9 - Quarterly Export Price Index, 1st Qr 1994 - 4th Qr 2009 (single base)

<sup>1</sup> Revised

# Table 10 - Quarterly Import Price Index by SITC<sup>1</sup> section, 2007 - 4th quarter 2009

Reference year 2007=100

Section	Description	Weight	2007			2008					2009		
	1	b	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
	Overall Index	10,000	100.0	100.3	108.4	118.7	110.9	109.6	102.6	103.5	103.9	105.8	103.9
0	Food and live animals	1,808	100.0	113.4	114.1	121.8	129.9	119.8	110.0	109.4	111.5	108.9	109.9
1	Beverages and tobacco	138	100.0	103.6	103.5	112.3	110.9	107.6	116.4	137.9	140.5	144.2	134.7
2	Crude materials, inedible, except fuels	288	100.0	91.3	115.7	132.5	147.4	121.7	153.6	135.6	138.4	135.5	140.8
3	Mineral fuels, lubricants and related materials	2,004	100.0	110.7	144.7	166.8	100.4	130.6	78.5	82.1	97.3	112.7	92.6
4	Animal and vegetable oils, fats and waxes	104	100.0	126.2	153.2	150.8	144.9	143.8	109.7	96.4	101.7	99.8	101.9
5	Chemical materials & related products, n.e.s	851	100.0	93.8	93.8	103.6	110.9	100.5	112.5	113.7	108.6	102.6	109.3
6	Manufactured goods classified chiefly by material	2,141	100.0	89.7	93.0	105.4	108.8	99.2	102.7	106.0	94.8	96.3	99.9
7	Machinery and transport equipment	1,800	100.0	93.9	91.7	93.5	102.0	95.3	105.4	104.3	103.3	100.6	103.4
8	Miscellaneous manufactured articles	866	100.0	94.2	92.6	94.1	102.5	95.8	107.0	107.9	106.1	105.3	106.6

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

<sup>2</sup> Revised

<sup>3</sup> Provisional

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Reference year 2007=100

Section/	Description	Weight	2007			2008					2009		
Division	Description	weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
	Overall Index	10,000	100.0	100.3	108.4	118.7	110.9	109.6	102.6	103.5	103.9	105.8	103.9
Section 0	Food and live animals	1,808	100.0	113.4	114.1	121.8	129.9	119.8	110.0	109.4	111.5	108.9	109.9
Div 00	Live animals	29	100.0	101.0	101.7	105.0	113.6	105.3	135.0	108.4	101.6	98.5	110.9
Div 01	Meat and meat preparations	122	100.0	99.7	107.9	121.9	114.8	111.1	111.3	113.0	120.4	122.4	116.8
Div 02	Dairy products and birds' eggs	220	100.0	130.7	136.1	129.4	136.5	133.2	132.9	122.5	121.1	120.7	124.3
Div 03	Fish, crustaceans, etc, and preparations thereof	638	100.0	106.0	99.4	99.1	99.1	100.9	84.8	84.5	88.9	79.9	84.5
Div 04	Cereals and cereal preparations	360	100.0	150.6	160.9	187.7	216.5	178.9	143.2	141.2	138.7	134.1	139.3
	of which wheat	144	100.0	193.2	185.5	206.1	269.0	213.4	127.9	127.9	124.1	124.1	126.0
Div 05	Vegetables and fruit	177	100.0	76.6	72.4	83.3	87.8	80.0	87.0	91.0	96.4	105.6	95.0
Div 06	Sugars, sugar preparations and honey	59	100.0	100.0	102.2	124.6	164.8	122.9	158.7	161.9	168.9	168.9	164.6
Div 07	Coffee, tea, cocoa, spices and manufactures thereof	47	100.0	101.9	94.0	97.3	100.3	98.4	106.7	111.6	111.6	113.4	110.8
Div 08	Feeding stuff for animals	40	100.0	94.6	104.6	101.4	99.9	100.1	90.5	100.8	104.8	131.2	106.8
Div 09	Miscellaneous edible products and preparations	116	100.0	97.3	98.2	106.0	106.0	101.9	112.6	122.6	118.9	121.4	118.9
Section 1	Beverages and Tobacco	138	100.0	103.6	103.5	112.3	110.9	107.6	116.4	137.9	140.5	144.2	134.7
Div 11	Beverages	81	100.0	103.5	102.2	116.8	112.5	108.8	117.2	137.2	140.1	143.2	134.4
Div 12	Tobacco and tobacco manufactures	57	100.0	103.8	105.5	105.9	108.5	105.9	115.4	138.7	141.1	145.5	135.2
Section 2	Crude materials, inedible, except fuels	288	100.0	91.3	115.7	132.5	147.4	121.7	153.6	135.6	138.4	135.5	140.8
Div 24	Cork and wood	98	100.0	94.8	164.5	202.8	223.6	171.4	238.7	204.8	195.3	188.8	206.9
Div 26	Textile fibres and their wastes (not manufactured into varn or fabric)	168	100.0	86.9	85.5	88.4	99.7	90.1	100.9	92.7	91.4	92.3	94.3
Div 27	Crude fertilisers and crude minerals (excluding coal, petroleum and precious stones)	22	100.0	109.3	129.1	156.4	172.1	141.7	176.5	154.2	244.7	227.8	200.8

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

<sup>2</sup> Revised

									Re	ference year	r 2007=100		
Section/	Description	Weight	2007			2008					2009		
Division	Description	weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
Section 3	Mineral fuels, lubricants and related materials	2,004	100.0	110.7	144.7	166.8	100.4	130.6	78.5	82.1	97.3	112.7	92.6
Div 32	Coal, coke and briquettes	145	100.0	110.7	156.7	233.8	158.6	165.0	140.3	121.7	117.4	111.9	122.8
Div 33	Petroleum, petroleum products and related materials	1,725	100.0	110.6	146.0	163.9	93.4	128.4	72.6	79.2	96.2	113.5	90.4
Div 34	Gas, natural and manufactured	134	100.0	112.4	115.2	131.6	127.6	121.7	88.3	75.4	89.8	103.5	89.2
Section 4	Animal and vegetable oils, fats and waxes	104	100.0	126.2	153.2	150.8	144.9	143.8	109.7	96.4	101.7	99.8	101.9
Div 42	Fixed vegetable fats and oils, crude, refined or fractionated	104	100.0	126.2	153.2	150.8	144.9	143.8	109.7	96.4	101.7	99.8	101.9
Section 5	Chemical materials & related products, n.e.s	851	100.0	93.8	93.8	103.6	110.9	100.5	112.5	113.7	108.6	102.6	109.3
Div 51	Organic chemicals	61	100.0	93.3	95.4	101.7	112.1	100.6	119.7	113.9	108.6	103.3	111.4
Div 54	Medicinal and pharmaceutical products	225	100.0	93.0	90.4	92.6	92.5	92.1	95.5	98.6	98.3	94.8	96.8
Div 55	Essential oils and resinoids & perfume materials;toilet, etc.	147	100.0	98.9	104.0	103.5	108.2	103.6	115.0	123.3	130.8	128.4	124.4
Div 56	Fertilizers (other than those of group 272)	49	100.0	92.0	88.3	192.4	217.4	147.6	230.5	230.5	150.2	115.5	181.7
Div 57	Plastics in primary forms	157	100.0	91.3	91.3	100.7	109.7	98.2	95.3	93.0	92.7	89.4	92.6
Div 58	Plastics in non-primary forms	81	100.0	91.1	88.8	91.4	96.9	92.0	97.5	102.2	100.4	96.2	99.1
Div 59	Chemical materials & products, n.e.s	131	100.0	95.1	95.8	101.1	115.3	101.8	121.2	117.0	109.8	101.3	112.3

 Table 11 (cont'd) - Quarterly Import Price Index by SITC<sup>1</sup> section & division, 2007 - 4th quarter 2009

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

<sup>2</sup> Revised

Section/			2007			2008					2009		
Division	Description	Weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
Section 6	Manufactured goods classified chiefly by material	2,141	100.0	89.7	93.0	105.4	108.8	99.2	102.7	106.0	94.8	96.3	99.9
Div 61	Leather, leather manufactures, n.e.s., & dressed furskins	27	100.0	97.6	100.7	94.5	104.1	99.2	110.2	111.3	112.9	110.4	111.2
Div 62	Rubber manufactures, n.e.s.	70	100.0	91.4	92.7	103.8	108.7	99.2	112.2	119.1	116.1	115.9	115.8
Div 63	Cork and wood manufactures (excluding furniture)	50	100.0	91.7	88.1	96.6	109.2	96.4	115.7	115.7	112.2	112.2	114.0
Div 64	Paper, paperboard and articles of paper pulp	151	100.0	77.8	97.8	102.0	99.8	94.3	95.7	94.2	92.4	88.5	92.7
Div 65	Textile yarn, fabrics, made-up articles, n.e.s	813	100.0	89.6	91.2	96.6	98.7	94.0	98.3	100.1	89.5	95.7	95.9
	of which Textile yarn Cotton fabrics, woven (not including narrow or special fabrics)	406 233	100.0 100.0	91.0 85.9	93.1 88.5	95.6 99.2	100.1 92.2	95.0 91.5	94.7 99.7	94.5 106.5	77.6 100.6	93.2 97.5	90.0 101.1
	Fabrics, woven, of man-made textile materials	100	100.0	86.4	83.4	85.5	96.4	87.9	101.3	100.4	97.7	93.1	98.1
	Knitted/crocheted fabric including tubular knit, fabrics, n.e.s	74	100.0	97.8	99.4	108.5	114.4	105.0	109.7	110.0	108.9	107.0	108.9
Div 66	Non-metallic mineral manufactures, n.e.s.	416	100.0	100.4	98.2	111.9	130.9	110.3	115.1	117.8	92.5	97.6	105.8
	of which Lime, cement & fab. const. materials (except glass & clav mats.)	175	100.0	105.6	109.8	119.2	134.9	117.4	100.4	97.8	87.1	82.4	91.9
	Clay construction materials & refractory construction materials	66	100.0	93.8	93.5	92.0	99.1	94.6	107.0	107.4	104.4	103.4	105.5
	Pearls, precious and semi-precious stones, unworked or worked	175	100.0	97.7	88. <i>3</i>	112.0	138.8	109.2	132.8	141.8	93.5	110.8	119.7
Div 67	Iron and steel	285	100.0	84.1	96.1	110.6	114.6	101.4	103.2	94.7	80.7	76.7	88.8
Div 68	Non-ferrous metals	95	100.0	87.8	96.3	97.6	99.0	95.2	72.8	92.3	95.4	99.2	89.9
Div 69	Manufactures of metals, n.e.s.	247	100.0	<i>84.3</i>	82.5	126.8	108.4	100.5	105.4	126.0	123.4	112.9	116.9

Reference year 2007=100

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

<sup>2</sup> Revised

Section/	Description	Weight	2007			2008					2009		
Division	Description	weight	Average	1st Qr	2nd Qr	3rd Qr	4th Qr	Average	1st Qr	2nd Qr	3rd Qr <sup>2</sup>	4th Qr <sup>3</sup>	Average
Section 7	Machinery and transport equipment	1,800	100.0	93.9	91.7	93.5	102.0	95.3	105.4	104.3	103.3	100.6	103.4
Div 71	Power generating machinery and equipment	65	100.0	95.5	95.5	101.9	115.2	102.0	110.6	101.9	116.1	116.1	111.2
Div 72	Machinery specialized for particular industries	266	100.0	94.9	93.0	94.8	99.3	95.5	103.3	103.6	105.1	101.8	103.5
Div 74	General industrial machinery & equipment, n.e.s.	271	100.0	93.2	90.3	94.3	100.8	94.7	107.2	107.9	104.2	95.4	103.7
Div 75	Office machines and automatic data processing machines	96	100.0	94.5	91.3	81.9	93.2	90.2	101.2	99.9	95.0	93.7	97.5
Div 76	Telecommunications and sound recording and	456	100.0	89.6	87.1	87.4	87.4	87.9	88.0	88.2	88.1	87.7	88.0
Div 77	Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus	238	100.0	96.4	93.5	95.0	103.5	97.1	110.9	114.2	111.6	106.9	110.9
Div 78	Road vehicles (including air-cushion vehicles)	408	100.0	96.6	95.3	99.4	120.0	102.8	122.1	116.0	113.7	113.1	116.2
	of which Motor cars & other motor vehicles principally designed for the transport of persons, including station wagons & racing cars	272	100.0	93.9	92.5	97.2	116.1	99.9	114.2	112.5	109.1	109.1	111.2
Section 8	Miscellaneous manufactured articles	866	100.0	94.2	92.6	94.1	102.5	95.8	107.0	107.9	106.1	105.3	106.6
Div 81	Prefabricated buildings; sanitary plumbing, heating & lighting fixtures and fittings, n.e.s.	62	100.0	88.8	89.2	87.8	86.9	88.2	94.4	97.2	95.9	93.4	95.2
Div 82	Furniture & parts thereof; bedding, mattresses, mattress support, cushions & similar stuffed furnishings	98	100.0	96.6	94.2	112.7	145.6	112.3	146.4	146.4	145.0	144.4	145.5
Div 87	Professional, scientific and controlling inst. and app.	103	100.0	93.4	83.2	83.2	89.9	87.4	94.4	97.2	98.2	97.1	96.7
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	107	100.0	93.8	95.7	110.9	121.9	105.6	121.8	127.6	119.9	115.9	121.3
Div 89	Miscellaneous manufactured articles, n.e.s.	496	100.0	94.7	93.9	89.9	94.3	93.2	100.2	99.7	98.4	98.4	99.2
	of which Articles, n.e.s. of plastics	168	100.0	93.2	90.5	78.8	86.8	87.3	94.3	85.1	82.0	79.1	85.1
	Jewellery, goldsmiths' & silversmiths' wares of precious/semi-precious, n.e.s.	101	100.0	97.4	91.0	91.4	93.0	93.2	101.7	114.5	116.7	130.4	115.8

Reference year 2007=100

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

<sup>2</sup> Revised

## Table 12 - Import Price Index : Percentage change by SITC<sup>1</sup> section, 3rd quarter 2008 - 4th quarter 2009

Section Description Weight 2nd Qr 08 3rd Qr 08 3rd Qr 08 2nd Qr 09 3rd Qr 09 1st Qr 08 4th Qr 08 4th Qr 08 1st Qr 09 to to to 4th to 3rd to 4th to 1st to 3rd to 4th 1st Qr 09 2nd Qr 09 Qr 08 Qr 09 Qr 09 Qr 09 2nd Qr 09 Qr 09 Qr 09 **Overall Index** 10,000 -7.5 0.9 0.4 1.8 2.3 -4.5 -12.5 -4.6 -6.6 Food and live animals 1.9 -2.3 0 1,808 -15.3 -0.5 -3.0 -4.1 -8.5 -16.1 6.6 Beverages and tobacco 2.6 1 138 -1.3 5.0 18.4 1.9 12.3 33.1 25.1 30.1 Crude materials, inedible, except fuels 2 288 11.2 4.2 -11.7 2.1 -2.1 68.3 17.1 4.5 -8.1 3 Mineral fuels, lubricants and related materials 2,004 -39.8 -21.8 4.5 18.6 15.8 -29.1-43.3-41.612.2 Animal and vegetable oils, fats and waxes 104 -24.2 -12.2 5.6 -1.9 -13.0 -37.1 -32.5 -31.1 -3.9 4 Chemical materials & related products, n.e.s 851 7.1 -5.5 19.9 5 1.4 1.1 -4.5 21.1 4.8 -7.5 Manufactured goods classified chiefly by material 2,141 -5.7 3.2 1.6 14.5 13.9 -10.0 6 3.3 -10.6 -11.5 Machinery and transport equipment 9.1 -2.7 7 1,800 3.4 -1.1 -0.9 12.3 13.7 10.5 -1.4 8 Miscellaneous manufactured articles -0.8 866 8.9 4.4 0.9 -1.7 13.5 16.6 12.7 2.7

Reference year 2007=100

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

 Table 13 - Import Price Index: Percentage change by SITC<sup>1</sup> section & division, 3rd quarter 2008 - 4th quarter 2009
 Reference year 2007=100

						Perce	entage chan	ges from			
Section/ Division	Description	Weight	3rd Qr 08 to 4th Qr 08	4th Qr 08 to 1st Qr 09	1st Qr 09 to 2nd Qr 09	2nd Qr 09 to 3rd Qr 09	3rd Qr 09 to 4th Qr 09	1st Qr 08 to 1st Qr 09	2nd Qr 08 to 2ndQr 09	3rd Qr 08 to 3rd Qr 09	4th Qr 08 to 4th Qr 09
	Overall Index	10,000	-6.6	-7.5	0.9	0.4	1.8	2.3	-4.5	-12.5	-4.6
Section 0	Food and live animals	1,808	6.6	-15.3	-0.5	1.9	-2.3	-3.0	-4.1	-8.5	-16.1
Div 00	Live animals	29	8.1	18.9	-19.7	-6.3	-3.0	33.7	6.6	-3.3	-13.3
Div 01	Meat and meat preparations	122	-5.8	-3.1	1.5	6.6	1.7	11.6	4.6	-1.2	6.6
Div 02	Dairy products and birds' eggs	220	5.5	-2.7	-7.8	-1.2	-0.3	1.7	-10.0	-6.5	-11.5
Div 03	Fish, crustaceans, etc, and preparations thereof	638	0.1	-14.4	-0.4	5.2	-10.1	-19.9	-15.0	-10.3	-19.4
Div 04	Cereals and cereal preparations	360	15.3	-33.8	-1.4	-1.8	-3.3	-4.9	-12.2	-26.1	-38.1
	of which wheat	144	30.5	-52.4	0.0	-3.0	0.0	-33.8	-31.0	-39.8	-53.9
Div 05	Vegetables and fruit	177	5.4	-1.0	4.6	5.9	9.6	13.6	25.7	15.6	20.2
Div 06	Sugars, sugar preparations and honey	59	32.3	-3.7	2.0	4.4	0.0	58.7	58.4	35.6	2.5
Div 07	Coffee, tea, cocoa, spices and manufactures thereof	47	3.1	6.3	4.7	0.0	1.6	4.6	18.7	14.8	13.1
Div 08	Feeding stuff for animals	40	-1.5	-9.4	11.3	4.1	25.1	-4.3	-3.7	3.3	31.3
1117/110	Miscellaneous edible products and preparations	116	0.0	6.2	8.9	-3.1	2.1	15.7	24.9	12.2	14.5
Section 1	Beverages and Tobacco	138	-1.3	5.0	18.4	1.9	2.6	12.3	33.1	25.1	30.1
Div 11	Beverages	81	-3.7	4.1	17.2	2.0	2.3	13.2	34.3	19.9	27.3
Div 12	Tobacco and tobacco manufactures	57	2.5	6.3	20.3	1.7	3.2	11.1	31.5	33.3	34.1
Section 2	Crude materials, inedible, except fuels	288	11.2	4.2	-11.7	2.1	-2.1	68.3	17.1	4.5	-8.1
Div 24	Cork and wood	98	10.3	6.7	-14.2	-4.7	-3.3	151.9	24.5	-3.7	-15.6
Div 26	Textile fibres and their wastes (not manufactured into yarn or fabric)	168	12.8	1.3	-8.1	-1.5	1.0	16.2	8.4	3.4	-7.4
Div 27	Crude fertilisers and crude minerals (excluding coal, petroleum and precious stones)	22	10.0	2.5	-12.6	58.6	-6.9	61.5	19.4	56.4	32.4

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

## Table 13 cont'd - Import Price Index: Percentage change by SITC<sup>1</sup> section & division, 3rd quarter 2008 - 4th quarter 2009

Reference year 2007=100

						Perc	centage chang	ges from			
Section/ Division	Description	Weight	3rd Qr 08 to 4th Qr 08	4th Qr 09 to 1st Qr 09	1st Qr 09 to 2nd Qr 09	2nd Qr 09 to 3rd Qr 09	3rd Qr 09 to 4th Qr 09	1 <sup>st</sup> Qr 08 to 1 <sup>st</sup> Qr 09	2 <sup>nd</sup> Qr 08 to 2nd Qr 09	3 <sup>rd</sup> Qr 08 to 3rd Qr 09	4 <sup>th</sup> Qr 08 to 4th Qr 09
Section 3	Mineral fuels, lubricants and related materials	2,004	-39.8	-21.8	4.5	18.6	15.8	-29.1	-43.3	-41.6	12.2
Div 32	Coal, coke and briquettes	145	-32.2	-11.5	-13.3	-3.5	-4.7	26.7	-22.3	-49.8	-29.5
11117 33	Petroleum, petroleum products and related materials	1,725	-43.0	-22.3	9.2	21.4	17.9	-34.4	-45.7	-41.3	21.5
Div 34	Gas, natural and manufactured	134	-3.0	-30.8	-14.6	19.0	15.2	-21.5	-34.5	-31.7	-18.9
Section 4	Animal and vegetable oils, fats and waxes	104	-3.9	-24.2	-12.2	5.6	-1.9	-13.0	-37.1	-32.5	-31.1
	Fixed vegetable fats and oils, crude, refined or fractionated	104	-3.9	-24.2	-12.2	5.6	-1.9	-13.0	-37.1	-32.5	-31.1
Section 5	Chemical materials & related products, n.e.s	851	7.1	1.4	1.1	-4.5	-5.5	19.9	21.1	4.8	-7.5
Div 51	Organic chemicals	61	10.3	6.7	-4.8	-4.7	-4.8	28.2	19.4	6.7	-7.9
Div 54	Medical and pharmaceutical products	225	-0.1	3.2	3.3	-0.3	-3.6	2.7	9.0	6.2	2.5
	Essential oils and resinoids & perfume materials;toilet, etc.	147	4.6	6.3	7.2	6.1	-1.8	16.3	18.6	26.4	18.7
Div 56	Fertilizers (other than those of group 272)	49	13.0	6.0	0.0	-34.8	-23.1	150.5	160.9	-21.9	-46.9
Div 57	Plastics in primary forms	157	9.0	-13.1	-2.5	-0.3	-3.5	4.5	1.8	-8.0	-18.5
Div 58	Plastics in non-primary forms	81	6.1	0.6	4.8	-1.7	-4.1	7.1	15.0	9.9	-0.7
Div 59	Chemical materials & products, n.e.s	131	14.0	5.1	-3.5	-6.2	-7.7	27.4	22.1	8.6	-12.1

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

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## Table 13 cont'd - Import Price Index: Percentage change by SITC<sup>1</sup> section & division, 3rd quarter 2008 - 4th quarter 2009

Reference year 2007=100

						Percen	tage change	s from			
Section/ Division	Description	Weight	3rd Qr 08 to 4th Qr 08	4th Qr 08 to 1st Qr 09	1st Qr 09 to 2nd Qr 09	2nd Qr 09 to 3rd Qr 09	3rd Qr 09 to 4th Qr 09	1st Qr 08 to 1st Qr 09	2nd Qr 08 to 2nd Qr 09	3rd Qr 08 to 3rd Qr 09	4th Qr 08 to 4th Qr 09
Section 6	Manufactured goods classified chiefly by materia	2,141	3.3	-5.7	3.2	-10.6	1.6	14.5	13.9	-10.0	-11.5
Div 61	Leather, leather manufactures, n.e.s., & dressed furskins	27	10.2	5.8	1.0	1.4	-2.2	12.9	10.5	19.5	6.0
Div 62	Rubber manufactures, n.e.s.	70	4.7	3.2	6.2	-2.6	-0.1	22.7	28.5	11.8	6.6
Div 63	Cork and wood manufactures (excluding furniture)	50	13.0	6.0	0.0	-3.0	0.0	26.1	31.4	16.2	2.8
Div 64	Paper, paperboard and articles of paper pulp	151	-2.2	-4.0	-1.7	-1.9	-4.2	23.1	-3.7	-9.5	-11.3
Div 65	Textile yarn, fabrics, made-up articles, n.e.s	813	2.2	-0.4	1.8	-10.6	6.9	9.7	9.8	-7.3	-3.1
	of which Textile yarn	406	4.7	-5.4	-0.2	-17.9	20.1	4.0	1.5	-18.9	-6.9
	Cotton fabrics, woven (not including narrow or special fabrics)	233	-7.0	8.1	6.9	-5.5	-3.1	16.0	20.3	1.5	5.8
	Fabrics, woven, of man-made textile materials	100	12.7	5.1	-0.9	-2.7	-4.7	17.3	20.4	14.3	-3.3
	Knitted/crocheted fabric including tubular knit, fabrics n e s	74	5.4	-4.2	0.3	-1.0	-1.7	12.1	10.7	0.3	-6.5
Div 66	Non-metallic mineral manufactures, n.e.s.	416	17.0	-12.1	2.4	-21.5	5.5	14.6	20.0	-17.3	-25.4
	of which Lime, cement & fab. const. materials (except glass & clay mats.)	175	13.1	-25.6	-2.6	-11.0	-5.4	-4.9	-10.9	-27.0	-38.9
	Clay construction materials & refractory construction materials	66	7.7	7.9	0.4	-2.8	-1.0	14.1	14.8	13.5	4.3
	Pearls, precious and semi-precious stones, unworked or worked	175	23.9	-4.3	6.8	-34.1	18.4	35.9	60.6	-16.5	-20.2
Div 67	Iron and steel	285	3.5	-9.9	-8.3	-14.8	-4.9	22.7	-1.5	-27.1	-33.0
Div 68	Non-ferrous metals	95	1.5	-26.5	26.9	3.3	4.0	-17.1	-4.2	-2.3	0.2
Div 69	Manufactures of metals, n.e.s.	247	-14.5	-2.8	19.5	-2.1	-8.5	25.0	52.7	-2.7	4.2

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

 Table 13 cont'd - Import Price Index: Percentage change by SITC' section & division, 3rd quarter 2008 - 4thquarter 2009

Reference year 2007=100

						Percer	ntage chang	ges from			
Section/ Division	Description	Weight	3rd Qr 08 to 4th Qr 08	4 <sup>th</sup> Qr 08 to 1 <sup>st</sup> Qr 09	1st Qr 09 to 2nd Qr 09	2nd Qr 09 to 3rd Qr 09	3rd Qr 09 to 4th Qr 09	1 <sup>st</sup> Qr 08 to 1 <sup>st</sup> Qr 09	2 <sup>nd</sup> Qr 08 to 2nd Qr 09	3 <sup>rd</sup> Qr 08 to 3rd Qr 09	4th Qr 08 to 4th Qr 09
Section 7	Machinery and transport equipment	1,800	9.1	3.4	-1.1	-0.9	-2.7	12.3	13.7	10.5	-1.4
Div 71	Power generating machinery and equipment	65	13.0	-4.0	-7.8	13.9	0.0	15.8	6.8	13.9	0.8
Div 72	Machinery specialized for particular industries	266	4.7	4.1	0.3	1.4	-3.1	8.8	11.5	10.9	2.6
Div 74	General industrial machinery & equipment, n.e.s.	271	6.9	6.3	0.7	-3.4	-8.5	15.0	19.5	10.5	-5.4
Div 75	Office machines and automatic data processing machines	96	13.8	8.6	-1.3	-5.0	-1.3	7.1	9.5	16.0	0.6
Div 76	Telecommunications and sound recording and	456	0.0	0.7	0.2	-0.1	-0.4	-1.8	1.2	0.8	0.4
Div 77	Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus	238	9.0	7.1	3.0	-2.2	-4.3	15.0	22.1	17.6	3.3
Div 78	Road vehicles (including air-cushion vehicles)	408	20.7	1.8	-5.0	-2.0	-0.5	26.4	21.7	14.4	-5.7
	of which Motor cars & other motor vehicles for the transport of persons	272	19.4	-1.6	-1.5	-3.0	0.0	21.6	21.6	12.3	-6.0
Section 8	Miscellaneous manufactured articles	866	8.9	4.4	0.9	-1.7	-0.8	13.5	16.6	12.7	2.7
Div 81	Prefabricated buildings; sanitary plumbing, heating & lighting fixtures and fittings, n.e.s.	62	-1.0	8.6	3.0	-1.3	-2.6	6.3	8.9	9.3	7.5
Div 82	Furniture & parts thereof; bedding, mattresses, mattress support, cushions & similar stuffed furnishings	98	29.1	0.5	0.0	-1.0	-0.4	51.6	55.3	28.6	-0.8
Div 87	Professional, scientific and controlling inst. and app.	103	8.0	5.0	3.0	1.0	-1.1	1.1	16.8	18.0	8.1
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	107	9.9	-0.1	4.7	-6.1	-3.3	29.9	33.4	8.1	-4.9
Div 89	Miscellaneous manufactured articles, n.e.s.	496	4.9	6.2	-0.5	-1.3	0.0	5.8	6.1	9.4	4.3
	of which Articles, n.e.s. of plastics	168	10.1	8.7	-9.7	-3.7	-3.5	1.2	-5.9	4.0	-8.8
	Jewellery, goldsmiths' & silversmiths' wares of precious/semi- precious, n.e.s	101	1.8	9.4	12.5	1.9	11.8	4.4	25.8	27.7	40.2

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

		Reference ye	ear 2003=100		Reference ye	ear 2007=100
	2004	2005	2006	2007	2008	2009
Qr 1	100.9	123.6	137.8	156.2	100.3	102.6
Qr 2	110.5	124.8	141.1	151.8	108.4	103.5
Qr 3	115.6	134.1	148.3	150.2	118.7	103.9 <sup>1</sup>
Qr 4	117.4	132.7	153.3	156.2	110.9	105.8 <sup>2</sup>
Year	111.1	128.8	145.1	153.6	109.6	103.9 <sup>2</sup>

 Table 14 - Quarterly Import Price Index, 1<sup>st</sup> Qr 2004 - 4th Qr 2009 (multiple base)

<sup>1</sup> Revised

	Reference year 2007=100												
	2004	2005	2006	2007	2008	2009							
Qr 1	65.7	80.5	89.7	101.7	100.3	102.6							
Qr 2	71.9	81.3	91.9	98.8	108.4	103.5							
Qr 3	75.3	87.3	96.5	97.8	118.7	103.9 <sup>1</sup>							
Qr 4	76.4	86.4	99.8	101.7	110.9	105.8 <sup>2</sup>							
Year	72.3	83.9	94.5	100.0	109.6	103.9 <sup>2</sup>							

 Table 15 - Quarterly Import Price Index, 1<sup>st</sup> Qr 2004 - 4th Qr 2009 (single base)

<sup>1</sup> Revised

## **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

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	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

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 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  $1_{ot}$  is the index for period t compared to base period 0

 $w_i$  is the weight of the  $i^{th}$  element

P<sub>io</sub> is the base price of the i<sup>th</sup> element

P<sub>it</sub> is the price of the i<sup>th</sup> element in period t

 $\frac{P_{it}}{P_{ot}}$  is the price relative of the i<sup>th</sup> element 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	$1_{\text{ot}}$ 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 <sup>th</sup> element in period t
	$\frac{\underline{P}_{it}}{\underline{P}_{ot}}$ is the price relative of the i <sup>th</sup> element in period t relative to base period 0
	$\Sigma$ means summation over all selected elements