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Export and Import Price Indices

3rd Quarter 2022

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Quarterly Export and Import Price Indices

3rd Quarter 2022

(Base year: 2018=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 export and import price indices for the period covering the 1st quarter of 2021 to the 3rd quarter of 2022 with the year 2018 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 products in 2018 have been used as base prices. To facilitate analysis, chain-linked indices with base year 2018 for the period 1st quarter 2007 to 3rd quarter of 2022 are given in Tables 4 and 8.

Detailed indices prior to 1st quarter 2021 are posted on Statistics Mauritius website in the historical series at:

https://statsmauritius.govmu.org/Pages/Statistics/By_Subject/Indices/SB_Indices.aspx

The methodologies used for the computation of EPI and IPI are at Annex 1 and Annex 2.

2. Terms of trade

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 third quarter of 2022, export prices increased by 3.2% and import prices decreased by 2.3% when compared to the previous quarter. During the same period, the terms of trade index increased by 4.1 points (+5.6%) to reach 76.8 from 72.7 in the second quarter of 2022. Compared to the corresponding quarter of 2021, export and import prices increased by 5.7% and 33.0% respectively. During the same period, the terms of trade decreased by 19.8 points (-20.5%) from 96.6 to 76.8.

Price indices	2021					2022		
	1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr
Export	124.4	126.7	132.4	133.3	129.2	136.5	135.7	140.0
Import	115.1	126.3	137.1	141.8	130.1	162.3	186.6	182.4
Terms of trade	108.1	100.3	96.6	94.0	99.3	84.1	72.7	76.8

3. Export Price Index (EPI) – (Tables 1 - 4)

3.1 Structure of EPI

EPI covers four of the 10 sections of the Standard International Trade Classification (SITC Rev. 4), namely “Food and live animals”, “Chemicals and related products”, “Manufactured goods

classified chiefly by material” and “Miscellaneous manufactured articles”. Exports of goods falling under these sections covered 87% of total exports in the base year. Sub-indices are also available at the division and section levels of the SITC (Table 1).

3.2 Changes in quarterly EPI (3rd quarter 2022)

3.2.1 Overall Index

The average quarterly EPI increased from 135.7 in the second quarter of 2022 to 140.0 in the third quarter, representing an increase of 3.2%. That was mainly due to increases in the prices of “Food and live animals” (+6.8%) and “Miscellaneous manufactured articles” (+1.3%).

Compared to price levels in the corresponding quarter of 2021, the index increased by 5.7% which was mainly due to increases in the prices of “Miscellaneous manufactured articles” (+7.0%), “Food and live animals” (+4.2%) and “Manufactured goods classified chiefly by material” (+6.6%).

3.2.2 Section 0: Food and live animals

“Food and live animals” carries 40.6% of the total weight. It consists mainly of “Fish and fish preparations” (64.5%) and “Sugar, sugar preparations and honey” (22.1%).

The index for “Food and live animals” increased by 6.8% from 118.8 in the second quarter of 2022 to 126.9 in the third quarter. That was mainly explained by increases in the prices of “Fish and fish preparations” (+6.5%) and “Sugar, sugar preparations and honey” (+10.7%).

Compared to the corresponding quarter of 2021, the index rose by 4.2%, mainly due to increases in the prices of “Sugar, sugar preparations and honey” (+9.0%), “Fish and fish preparations” (+1.6%) and “Live animals” (+15.1%).

3.2.3 Section 5: Chemicals and related products, n.e.s

During the third quarter of 2022, the index for “Chemicals and related products, n.e.s” stood at 121.4 compared to 121.8 in the second quarter of 2022, representing a decrease of 0.3%. That was explained by decreases in the prices of “Medicinal and pharmaceutical products” (-6.1%), partly mitigated by increases in the prices of “Organic chemicals” (+5.8%).

Compared to the corresponding quarter of 2021, the index increased by 4.3%, as a result of increases in the prices of “Organic chemicals” (+12.6%), partly offset by decreases in the prices of “Medicinal and pharmaceutical products” (-3.4%).

3.2.4 Section 6: Manufactured goods classified chiefly by material

The index for “Manufactured goods classified chiefly by material” increased by 2.1% from 138.9 in the second quarter of 2022 to 141.8 in the third quarter. This rise is explained by an increase of 2.1% in the prices of “Textile yarn, fabrics, made-up articles, n.e.s., & related products”.

Compared to the corresponding quarter of 2021, the index rose by 6.6% due to increases of 6.6% in the prices of “Textile yarn, fabrics, made-up articles, n.e.s., & related products”.

3.2.5 Section 8: Miscellaneous manufactured articles

“Miscellaneous manufactured articles” which carries 45.3% of the total weight, is the most important section covered by the export price index. It consists mainly of “Articles of apparel and clothing accessories” (85.5%).

The index for “Miscellaneous manufactured articles” increased from 151.8 in the second quarter of 2022 to 153.7 in the third quarter, representing a rise of 1.3%. That was mainly explained by increases in the prices of “Articles of apparel and clothing accessories” (+1.0%) and “Miscellaneous manufactured articles, n.e.s” (+5.1%).

Compared to the corresponding quarter of 2021, the index increased by 7.0%, mainly explained by increases in the prices of “Articles of apparel and clothing accessories” (+8.0%).

4. Import Price Index (IPI) (Tables 5 - 8)

4.1 Structure of IPI

IPI covers nine out of the 10 SITC 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 constant quality. Imports of goods falling under the covered sections make up for 84% of total imports in the base year. Sub-indices are also available at the division and section levels of the SITC (Table 5).

4.2 Changes in quarterly IPI (3rd quarter 2022)

4.2.1 Overall Index

The Import Price Index (IPI), calculated on a quarterly basis, decreased by 2.3% from 186.6 in the second quarter of 2022 to 182.4 in the third quarter. That was mainly the effect of decreases in the prices of “Mineral fuels, lubricants and related materials” (-5.1%) and “Manufactured goods classified chiefly by material” (-3.9%), partly mitigated by increases in the prices of “Food and live animals” (+1.3%), “Machinery and transport equipment” (+1.5%) and “Animal and vegetable oils, fats and waxes” (+7.6%).

Compared to the corresponding quarter of 2021, the index rose by 33.0%, mainly as a result of increases in the prices of “Mineral fuels, lubricants and related materials” (+72.0%), “Food and live animals” (+11.9%) and “Manufactured goods classified chiefly by material” (+8.5%).

4.2.2 Section 0: Food and live animals

“Food and live animals” carries 21.7% of the total weight of the import price index. The two main components of this section are “Fish and fish preparations” (28.4%) and “Cereals and cereal preparations” (21.6%).

The index for this section increased by 1.3% from 150.4 in the second quarter of 2022 to 152.4 in the third quarter. That was mainly attributable to increases in the prices of “Cereals and cereal preparations” (+4.7%), “Vegetables and fruit” (+20.7%) and “Dairy products and birds’ eggs” (+5.9%), partly offset by decreases in the prices of “Fish and fish preparations” (-6.9%).

Compared to the corresponding quarter of 2021, the index increased by 11.9%, mainly due to increases in the prices of “Cereals and cereal preparations” (+26.5%), “Dairy products and

birds' eggs" (+16.6%), "Vegetables and fruit" (+20.9%), "Meat and meat preparations" (+11.9%) and "Feeding stuff for animals" (+19.8%).

4.2.3 Section 1: Beverages and Tobacco

The index for "Beverages and Tobacco" increased by 1.9% from 123.5 in the second quarter of 2022 to 125.9 in the third quarter, as a result of increases in the prices of "Tobacco and tobacco manufactures" (+3.7%), partly offset by decreases in the prices of "Beverages" (-0.9%).

Compared to the corresponding quarter of 2021, the index increased by 3.3% due to price increases in "Tobacco and tobacco manufactures" (+3.7%) and "Beverages" (+2.7%).

4.2.4 Section 2: Crude materials, inedible, except fuels

The index for "Crude materials, inedible, except fuels" decreased by 2.3% to 155.7 in the third quarter of 2022 from 159.4 in the second quarter due to decreases in the prices of "Textile fibres and their wastes" (-3.7%).

Compared to the corresponding quarter of 2021, the index increased by 17.6%, mainly due to increases in the prices of "Textile fibres and their wastes" (+22.1%).

4.2.5 Section 3: Mineral fuels, lubricants and related materials

"Mineral fuels, lubricants and related materials" consisting mainly of "Petroleum, petroleum products and related materials", make up for 37.7% of the weight of the IPI.

The index for "Mineral fuels, lubricants and related materials" decreased by 5.1% from 253.9 in the second quarter of 2022 to 241.0 in the third quarter due to decreases in the prices of "Petroleum, petroleum products and related materials" (-4.4%), "Coal, coke and briquettes" (-7.1%) and "Gas, natural and manufactured" (-14.0%).

Compared to the corresponding period of 2021, the index rose by 72.0%, mainly due to increases in the prices of "Petroleum, petroleum products and related materials" (+73.9%) and "Coal, coke and briquettes" (+93.1%).

4.2.6 Section 5: Chemical materials & related products, n.e.s

The index for "Chemical materials & related products, n.e.s" increased by 1.3% from 129.4 in the second quarter of 2022 to 131.1 in third quarter. That was explained by the effect of increases in the prices of "Essential oils and resinoids & perfume materials;toilet, etc." (+3.2%) and "Medicinal and pharmaceutical products" (+0.7%), partly offset by decreases in the prices of "Plastics in primary forms" (-0.3%).

Compared to the corresponding quarter of 2021, the index increased by 2.3%, explained by increases in the prices of "Essential oils and resinoids & perfume materials;toilet, etc." (+8.1%) and "Plastics in primary forms" (+13.8%), partly offset by decreases in the prices of "Medicinal and pharmaceutical products" (-3.4%).

4.2.7 Section 6: Manufactured goods classified chiefly by material

The index for "Manufactured goods classified chiefly by material" decreased by 3.9% from 175.3 in the second quarter of 2022 to 168.5 in the third quarter due to lower prices of "Iron and steel" (-15.2%) and "Non-ferrous metals" (-13.0%), partly mitigated by increases in the

prices of “Textile yarn, fabrics, made-up articles, n.e.s” (+1.7%) and “Non-metallic mineral manufactures, n.e.s.” (+2.3%).

Compared to the corresponding quarter of 2021, the index rose by 8.5%, mainly due to increases in the prices of “Iron and steel” (+13.2%), “Manufactures of metals, n.e.s” (+25.3%), “Paper, paperboard and articles of paper pulp” (+34.4%), “Non-metallic mineral manufactures, n.e.s.” (+6.2%) and “Textile yarn, fabrics, made-up articles, n.e.s” (+3.2%).

4.2.8 Section 7: Machinery and transport equipment

The index for “Machinery and transport equipment”, with 15.2% of the total weight, stood at 131.1 in the third quarter of 2022. Compared to the previous quarter’s figure of 129.1, an increase of 1.5% is noted, mainly due to higher prices of “Road vehicles” (+1.2%), “Office machines and automatic data processing machines” (+3.3%) and “Telecommunications and sound recording” (+2.4%), partly offset by decreases in the prices of “Machinery specialized for particular industries” (-5.8%).

Compared to the corresponding quarter of 2021, the index rose by 4.8%, from 125.1 to 131.1 in the third quarter of 2022, mainly due to increases in the prices of “Office machines and automatic data processing machines” (+16.4%), “Road vehicles” (+2.6%) and “Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus” (+11.4%), partly offset by decreases in the prices of “Machinery specialized for particular industries” (-11.7%).

4.2.9 Section 8: Miscellaneous manufactured articles

The index for “Miscellaneous manufactured articles” increased by 3.3% from 126.3 in the second quarter of 2022 to 130.5 in the third quarter. That was mainly due to increases in the prices of “Footwear” (+6.9%).

Compared to the corresponding quarter of 2021, the index decreased by 3.0% from 134.5 to 130.5 in the third quarter of 2022, as a result of lower prices of “Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks” (-13.3%) and “Miscellaneous manufactured articles, n.e.s.” (-6.4%), partly mitigated by increases in the prices of “Footwear” (+1.9%).

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Table 1 - Quarterly Export Price Index by SITC ¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	2021					2022		
			1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr ³
	Overall	10,000	124.4	126.7	132.4	133.3	129.2	136.5	135.7 ²	140.0
Section 0	Food and live animals	4,055	113.7	116.8	121.8	121.4	118.4	121.5	118.8	126.9
Div 00	Live animals	124	139.1	144.9	151.7	151.0	146.7	169.1	176.4	174.6
Div 03	Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof	2,617	111.6	113.8	118.0	116.2	114.9	115.0	112.6	119.9
Div 04	Cereals and cereal preparations	108	122.9	125.4	129.2	128.9	126.6	129.0	127.5 ²	126.9
Div 06	Sugars, sugar preparations and honey	898	121.1	126.4	133.4	136.6	129.4	137.5	131.4	145.4
Div 07	Coffee, tea, cocoa, spices, and manufactures thereof	220	96.9	98.9	103.6	104.5	101.0	105.9	106.0	108.8
Div 08	Feeding stuff for animals	88	96.1	102.9	110.5	112.1	105.4	114.1	115.5	121.1
Section 5	Chemicals and related products, n.e.s	554	112.0	113.5	116.4	115.7	114.4	124.2	121.8	121.4
Div 51	Organic chemicals	217	137.7	136.6	142.1	143.5	140.0	152.6	151.3	160.0
Div 54	Medicinal and pharmaceutical products	337	95.5	98.6	99.9	97.9	98.0	105.9	102.8	96.5
Section 6	Manufactured goods classified chiefly by material	866	126.9	130.7	133.0	134.1	131.2	139.0	138.9	141.8
Div 65	Textile yarn, fabrics, made-up articles, n.e.s., & related products	866	126.9	130.7	133.0	134.1	131.2	139.0	138.9	141.8
Section 8	Miscellaneous manufactured articles	4,525	135.0	136.3	143.6	146.0	140.2	150.9	151.8 ²	153.7
Div 84	Articles of apparel and clothing accessories	3,869	137.7	138.7	146.8	149.7	143.2	155.6	157.0 ²	158.5
Div 87	Professional, scientific and controlling instruments and apparatus, n.e.s.	163	121.4	125.4	129.3	129.2	126.3	124.7	120.7	122.4
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	141	121.5	126.6	132.7	132.1	128.2	133.2	129.0	130.4
Div 89	Miscellaneous manufactured articles, n.e.s	352	116.6	119.0	119.7	118.6	118.5	118.6	118.7	124.7

¹ The Standard International Trade Classification Revision 4 (SITC Rev 4)

² Revised

³ Provisional

Table 2 - Export Price Index: Percentage change by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	Percentage changes from previous quarter						Percentage changes from corresponding quarter of previous year		
			1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
	Overall	10,000	+ 1.8	+ 4.5	+ 0.7	+ 2.4	- 0.6	+ 3.2	+ 9.7	+ 7.1	+ 5.7
Section 0	Food and live animals	4,055	+ 2.7	+ 4.3	- 0.3	+ 0.1	- 2.2	+ 6.8	+ 6.9	+ 1.7	+ 4.2
Div 00	Live animals	124	+ 4.2	+ 4.7	- 0.5	+ 12.0	+ 4.3	- 1.0	+ 21.6	+ 21.7	+ 15.1
Div 03	Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof	2,617	+ 2.0	+ 3.7	- 1.5	- 1.0	- 2.1	+ 6.5	+ 3.0	- 1.1	+ 1.6
Div 04	Cereals and cereal preparations	108	+ 2.0	+ 3.0	- 0.2	+ 0.1	- 1.2	- 0.5	+ 5.0	+ 1.7	- 1.8
Div 06	Sugars, sugar preparations and honey	898	+ 4.4	+ 5.5	+ 2.4	+ 0.7	- 4.4	+ 10.7	+ 13.5	+ 4.0	+ 9.0
Div 07	Coffee, tea, cocoa, spices, and manufactures thereof	220	+ 2.1	+ 4.8	+ 0.9	+ 1.3	+ 0.1	+ 2.6	+ 9.3	+ 7.2	+ 5.0
Div 08	Feeding stuff for animals	88	+ 7.1	+ 7.4	+ 1.4	+ 1.8	+ 1.2	+ 4.8	+ 18.7	+ 12.2	+ 9.6
Section 5	Chemicals and related products, n.e.s	554	+ 1.3	+ 2.6	- 0.6	+ 7.3	- 1.9	- 0.3	+ 10.9	+ 7.3	+ 4.3
Div 51	Organic chemicals	217	- 0.8	+ 4.0	+ 1.0	+ 6.3	- 0.9	+ 5.8	+ 10.8	+ 10.8	+ 12.6
Div 54	Medicinal and pharmaceutical products	337	+ 3.2	+ 1.3	- 2.0	+ 8.2	- 2.9	- 6.1	+ 10.9	+ 4.3	- 3.4
Section 6	Manufactured goods classified chiefly by material	866	+ 3.0	+ 1.8	+ 0.8	+ 3.7	- 0.1	+ 2.1	+ 9.5	+ 6.3	+ 6.6
Div 65	Textile yarn, fabrics, made-up articles, n.e.s., & related products	866	+ 3.0	+ 1.8	+ 0.8	+ 3.7	- 0.1	+ 2.1	+ 9.5	+ 6.3	+ 6.6
Section 8	Miscellaneous manufactured articles	4,525	+ 1.0	+ 5.4	+ 1.7	+ 3.4	+ 0.6	+ 1.3	+ 11.8	+ 11.4	+ 7.0
Div 84	Articles of apparel and clothing accessories	3,869	+ 0.7	+ 5.8	+ 2.0	+ 3.9	+ 0.9	+ 1.0	+ 13.0	+ 13.2	+ 8.0
Div 87	Professional, scientific and controlling instruments and apparatus, n.e.s.	163	+ 3.3	+ 3.1	- 0.1	- 3.5	- 3.2	+ 1.4	+ 2.7	- 3.7	- 5.3
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	141	+ 4.2	+ 4.8	- 0.5	+ 0.8	- 3.2	+ 1.1	+ 9.6	+ 1.9	- 1.7
Div 89	Miscellaneous manufactured articles, n.e.s	352	+ 2.1	+ 0.6	- 0.9	+ 0.0	+ 0.1	+ 5.1	+ 1.7	- 0.3	+ 4.2

¹ The Standard International Trade Classification Revision 4 (SITC Rev 4)

Table 3 - Percentage change in the price and volume of exports¹, 3rd quarter 2021 to 3rd quarter 2022

Section/ Division	Description	Weight	F.O.B Value (Rs Million)		% change		
			3rd Quarter 2021	3rd Quarter 2022	Value	Price	Volume ²
	Overall	10,000	18,874	22,214	+ 17.7	+ 5.7	+ 11.3
Section 0	Food and live animals	4,055	5,637	7,720	+ 37.0	+ 4.2	+ 31.4
Div 00	Live animals	124	510	547	+ 7.3	+ 15.1	- 6.8
Div 03	Fish, crustaceans, molluscs, and aquatic invertebrates and preparations thereof	2,617	3,107	4,203	+ 35.3	+ 1.6	+ 33.1
Div 04	Cereals and cereal preparations	108	119	156	+ 31.1	- 1.8	+ 33.5
Div 06	Sugars, sugar preparations and honey	898	1,475	2,174	+ 47.4	+ 9.0	+ 35.2
Div 07	Coffee, tea, cocoa, spices, and manufactures thereof	220	153	206	+ 34.6	+ 5.0	+ 28.2
Div 08	Feeding stuff for animals	88	215	392	+ 82.3	+ 9.6	+ 66.4
Section 5	Chemicals and related products, n.e.s	554	1,049	1,143	+ 9.0	+ 4.3	+ 4.5
Div 51	Organic chemicals	217	132	143	+ 8.3	+ 12.6	- 3.8
Div 54	Medicinal and pharmaceutical products	337	494	432	- 12.6	- 3.4	- 9.5
Section 6	Manufactured goods classified chiefly by material	866	2,987	3,627	+ 21.4	+ 6.6	+ 13.9
Div 65	Textile yarn, fabrics, made-up articles, n.e.s., & related products	866	1,373	1,710	+ 24.5	+ 6.6	+ 16.8
Section 8	Miscellaneous manufactured articles	4,525	7,339	7,737	+ 5.4	+ 7.0	- 1.5
Div 84	Articles of apparel and clothing accessories	3,869	4,955	5,359	+ 8.2	+ 8.0	+ 0.2
Div 87	Professional, scientific and controlling instruments and apparatus, n.e.s.	163	575	494	- 14.1	- 5.3	- 9.2
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	141	462	439	- 5.0	- 1.7	- 3.3
Div 89	Miscellaneous manufactured articles, n.e.s	352	1,061	1,039	- 2.1	+ 4.2	- 6.0

¹ Excluding sections 1,2,3,4,7,9 and Ship's Stores & Bunkers not covered by the EPI² Volume change has been derived as the ratio of value to price change

Table 4 - Quarterly Export Price Index, 1st quarter 2007 - 3rd quarter 2022

Base period: Year 2018=100

Quarter	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Qr 1	95.6	90.8	91.8	88.5	89.2	96.1	102.8	100.4	94.9	100.2	97.2	99.3	98.0	109.9	124.4	136.5
Qr 2	93.6	90.3	92.8	88.7	89.6	96.7	102.2	97.4	99.3	99.4	100.0	101.9	100.7	117.6	126.7	135.7 ¹
Qr 3	93.6	91.2	91.2	86.5	93.5	97.3	103.4	96.9	99.8	99.8	104.9	100.3	103.5	119.7	132.4	140.0 ²
Qr 4	93.6	93.4	88.0	88.9	93.7	100.9	100.0	96.5	101.7	101.1	101.1	98.3	107.0	123.7	133.3	
Year	94.1	91.4	91.0	88.2	91.5	97.8	102.1	97.8	98.9	100.1	100.8	100.0	102.3	117.7	129.2	

¹ Revised

² Provisional

Note that Indices prior to 2007 are posted on Statistics Mauritius website in the historical series of Export and Import Price Indices

Table 5 - Quarterly Import Price Index by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	2021					2022		
			1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr ³
	Overall Index	10,000	115.1	126.3	137.1	141.8	130.1	162.3	186.6²	182.4
Section 0	Food and live animals	2,169	117.0	128.8	136.2	132.8	128.7	143.4	150.4²	152.4
Div 00	Live animals	63	87.7	100.7	102.2	99.2	97.5	112.9	113.8	111.5
Div 01	Meat and meat preparations	168	136.0	140.7	153.2	161.1	147.8	164.0	170.9	171.4
Div 02	Dairy products and birds' eggs	321	120.8	125.9	129.8	131.2	126.9	136.8	142.9	151.4
Div 03	Fish, crustaceans, etc, and preparations thereof	616	101.8	131.1	132.7	112.2	119.5	131.0	139.9	130.3
Div 04	Cereals and cereal preparations	469	122.5	132.1	141.7	150.3	136.7	158.2	171.3 ²	179.3
Div 05	Vegetables and fruit	67	225.4	183.0	221.5	221.3	212.8	266.2	221.8	267.8
Div 07	Coffee, tea, cocoa, spices and manufactures thereof	171	88.0	93.8	95.5	95.1	93.1	100.5	100.1	101.0
Div 08	Feeding stuff for animals	103	132.9	140.3	145.1	142.1	140.1	144.9	175.0	173.8
Div 09	Miscellaneous edible products and preparations	191	118.1	122.8	142.6	142.5	131.5	144.5	145.5	150.1
Section 1	Beverages and Tobacco	333	108.3	117.9	121.9	121.0	117.3	122.6	123.5	125.9
Div 11	Beverages	114	119.5	128.1	131.9	129.2	127.2	133.9	136.6	135.4
Div 12	Tobacco and tobacco manufactures	219	102.5	112.7	116.7	116.7	112.2	116.7	116.7	121.0
Section 2	Crude materials, inedible, except fuels	262	114.0	121.2	132.4	133.6	125.3	148.7	159.4	155.7
Div 24	Cork and wood	24	116.9	119.2	122.8	120.3	119.8	120.3	132.7	135.6
Div 26	Textile fibres and their wastes (not manufactured into yarn or fabric)	191	112.3	121.5	130.6	131.9	124.1	152.1	165.5	159.4
Div 29	Crude animal and vegetable materials, n.e.s.	47	119.2	121.2	144.4	147.5	133.1	149.5	147.9	150.6

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

² Revised ³ Provisional

Table 5 (cont'd) - Quarterly Import Price Index by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	2021					2022		
			1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr ³
Section 3	Mineral fuels, lubricants and related materials	3,766	109.9	124.5	140.1	153.2	131.9	197.8	253.9²	241.0
Div 32	Coal, coke and briquettes	260	119.8	150.6	202.4	204.0	169.2	360.9	420.8 ²	390.9
Div 33	Petroleum, petroleum products and related materials	3,218	109.7	124.1	137.7	149.9	130.4	188.9	250.4	239.5
Div 34	Gas, natural and manufactured	288	103.2	105.3	110.5	143.4	115.6	149.1	141.6	121.8
Section 4	Animal and vegetable oils, fats and waxes	92	130.9	169.9	213.2	214.6	182.2	224.6	288.4	310.2
Div 42	Fixed vegetable fats and oils, crude, refined or fractionated	92	130.9	169.9	213.2	214.6	182.2	224.6	288.4	310.2
Section 5	Chemical materials & related products, n.e.s	717	118.3	123.3	128.1	126.5	124.1	129.5	129.4²	131.1
Div 54	Medicinal and pharmaceutical products	417	119.3	122.3	126.0	123.0	122.7	123.2	120.8	121.7
Div 55	Essential oils and resinoids & perfume materials;toilet, etc.	206	120.1	124.2	126.9	124.0	123.8	129.9	133.0	137.2
Div 57	Plastics in primary forms	94	110.2	125.4	139.9	147.5	130.8	156.6	159.6 ²	159.2

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

² Revised ³ Provisional

Table 5 (cont'd) - Quarterly Import Price Index by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	2021					2022		
			1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr ³
Section 6	Manufactured goods classified chiefly by material	852	122.4	139.9	155.3	161.5	144.8	168.5	175.3 ²	168.5
Div 62	Rubber manufactures, n.e.s.	43	103.2	110.8	113.7	119.2	111.7	121.3	120.3	124.1
Div 63	Cork and wood manufactures (excluding furniture)	25	127.1	154.5	207.9	196.2	171.4	198.2	197.4	203.7
Div 64	Paper, paperboard and articles of paper pulp	31	156.0	159.2	167.2	168.6	162.8	200.0	222.0	224.8
Div 65	Textile yarn, fabrics, made-up articles, n.e.s	254	119.5	149.1	156.9	153.9	144.9	151.4	159.2	161.9
Div 66	Non-metallic mineral manufactures, n.e.s.	172	129.8	146.6	157.4	162.0	149.0	163.8	163.4	167.2
Div 67	Iron and steel	169	114.1	128.5	153.8	172.6	142.3	195.3	205.2 ²	174.1
Div 68	Non-ferrous metals	98	124.0	131.8	156.7	171.3	146.0	183.5	185.9	161.7
Div 69	Manufactures of metals, n.e.s.	60	128.5	131.0	146.4	157.7	140.9	160.0	181.6	183.5

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

² Revised ³ Provisional

Table 5 (cont'd) - Quarterly Import Price Index by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	2021					2022		
			1st Qr	2nd Qr	3rd Qr	4th Qr	Year	1st Qr	2nd Qr	3rd Qr ²
Section 7	Machinery and transport equipment	1,515	117.9	120.7	125.1	125.5	122.3	127.1	129.1	131.1
Div 72	Machinery specialized for particular industries	51	117.4	121.1	126.6	125.5	122.7	123.0	118.7	111.8
Div 74	General industrial machinery & equipment, n.e.s.	100	118.8	121.2	127.9	127.2	123.8	121.8	133.5	134.9
Div 75	Office machines and automatic data processing machines	194	124.8	126.8	123.3	125.6	125.1	131.0	138.9	143.5
Div 76	Telecommunications and sound recording	190	123.5	131.1	139.1	140.3	133.5	141.7	140.2	143.5
Div 77	Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus	105	124.6	128.4	134.6	139.0	131.7	147.8	147.1	150.0
Div 78	Road vehicles (including air-cushion vehicles)	875	114.2	116.1	120.9	120.5	117.9	121.4	122.5	124.0
Section 8	Miscellaneous manufactured articles	294	127.5	129.6	134.5	135.3	131.7	128.0	126.3	130.5
Div 82	Furniture & parts thereof; bedding, mattresses, mattress support, cushions & similar stuffed furnishings	27	135.8	138.7	145.5	146.7	141.7	148.2	148.9	147.6
Div 85	Footwear	128	121.4	123.7	128.6	129.9	125.9	125.4	122.6	131.0
Div 87	Professional, scientific and controlling inst. and app.	32	114.0	118.4	124.3	123.8	120.1	121.6	125.1	128.8
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	66	150.0	151.1	154.6	155.4	152.8	133.2	132.1	134.0
Div 89	Miscellaneous manufactured articles, n.e.s.	41	115.4	115.8	121.2	121.2	118.4	119.1	114.5	113.4

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

² Provisional

Table 6 - Import Price Index: Percentage change by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	Percentage changes from previous quarter						Percentage changes from corresponding quarter of previous year		
			1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
	Overall Index	10,000	+ 9.7	+ 8.6	+ 3.4	+ 14.5	+ 15.0	- 2.3	+ 41.0	+ 47.7	+ 33.0
Section 0	Food and live animals	2,169	+ 10.1	+ 5.7	- 2.5	+ 8.0	+ 4.9	+ 1.3	+ 22.6	+ 16.8	+ 11.9
Div 00	Live animals	63	+ 14.8	+ 1.5	- 2.9	+ 13.8	+ 0.8	- 2.0	+ 28.7	+ 13.0	+ 9.1
Div 01	Meat and meat preparations	168	+ 3.5	+ 8.9	+ 5.2	+ 1.8	+ 4.2	+ 0.3	+ 20.6	+ 21.5	+ 11.9
Div 02	Dairy products and birds' eggs	321	+ 4.2	+ 3.1	+ 1.1	+ 4.3	+ 4.5	+ 5.9	+ 13.2	+ 13.5	+ 16.6
Div 03	Fish, crustaceans, etc, and preparations thereof	616	+ 28.8	+ 1.2	- 15.4	+ 16.8	+ 6.8	- 6.9	+ 28.7	+ 6.7	- 1.8
Div 04	Cereals and cereal preparations	469	+ 7.8	+ 7.3	+ 6.1	+ 5.3	+ 8.3	+ 4.7	+ 29.1	+ 29.7	+ 26.5
Div 05	Vegetables and fruit	67	- 18.8	+ 21.0	- 0.1	+ 20.3	- 16.7	+ 20.7	+ 18.1	+ 21.2	+ 20.9
Div 07	Coffee, tea, cocoa, spices and manufactures thereof	171	+ 6.6	+ 1.8	- 0.4	+ 5.7	- 0.4	+ 0.9	+ 14.2	+ 6.7	+ 5.8
Div 08	Feeding stuff for animals	103	+ 5.6	+ 3.4	- 2.1	+ 2.0	+ 20.8	- 0.7	+ 9.0	+ 24.7	+ 19.8
Div 09	Miscellaneous edible products and preparations	191	+ 4.0	+ 16.1	- 0.1	+ 1.4	+ 0.7	+ 3.2	+ 22.4	+ 18.5	+ 5.3
Section 1	Beverages and Tobacco	333	+ 8.9	+ 3.4	- 0.7	+ 1.3	+ 0.7	+ 1.9	+ 13.2	+ 4.7	+ 3.3
Div 11	Beverages	114	+ 7.2	+ 3.0	- 2.0	+ 3.6	+ 2.0	- 0.9	+ 12.1	+ 6.6	+ 2.7
Div 12	Tobacco and tobacco manufactures	219	+ 10.0	+ 3.5	+ 0.0	+ 0.0	+ 0.0	+ 3.7	+ 13.9	+ 3.5	+ 3.7
Section 2	Crude materials, inedible, except fuels	262	+ 6.3	+ 9.2	+ 0.9	+ 11.3	+ 7.2	- 2.3	+ 30.4	+ 31.5	+ 17.6
Div 24	Cork and wood	24	+ 2.0	+ 3.0	- 2.0	+ 0.0	+ 10.3	+ 2.2	+ 2.9	+ 11.3	+ 10.4
Div 26	Textile fibres and their wastes (not manufactured into yarn or fabric)	191	+ 8.2	+ 7.5	+ 1.0	+ 15.3	+ 8.8	- 3.7	+ 35.4	+ 36.2	+ 22.1
Div 29	Crude animal and vegetable materials, n.e.s.	47	+ 1.7	+ 19.1	+ 2.1	+ 1.4	- 1.1	+ 1.8	+ 25.4	+ 22.0	+ 4.3

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

Table 6 (cont'd) - Import Price Index: Percentage change by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	Percentage changes from previous quarter						Percentage changes from corresponding quarter of previous year		
			1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
Section 3	Mineral fuels, lubricants and related materials	3,766	+ 13.3	+ 12.5	+ 9.4	+ 29.1	+ 28.4	- 5.1	+ 80.0	+ 103.9	+ 72.0
Div 32	Coal, coke and briquettes	260	+ 25.7	+ 34.4	+ 0.8	+ 76.9	+ 16.6	- 7.1	+ 201.3	+ 179.4	+ 93.1
Div 33	Petroleum, petroleum products and related materials	3,218	+ 13.1	+ 11.0	+ 8.9	+ 26.0	+ 32.6	- 4.4	+ 72.2	+ 101.8	+ 73.9
Div 34	Gas, natural and manufactured	288	+ 2.0	+ 4.9	+ 29.8	+ 4.0	- 5.0	- 14.0	+ 44.5	+ 34.5	+ 10.2
Section 4	Animal and vegetable oils, fats and waxes	92	+ 29.8	+ 25.5	+ 0.7	+ 4.7	+ 28.4	+ 7.6	+ 71.6	+ 69.7	+ 45.5
Div 42	Fixed vegetable fats and oils, crude, refined or fractionated	92	+ 29.8	+ 25.5	+ 0.7	+ 4.7	+ 28.4	+ 7.6	+ 71.6	+ 69.7	+ 45.5
Section 5	Chemical materials & related products, n.e.s	717	+ 4.2	+ 3.9	- 1.2	+ 2.4	- 0.1	+ 1.3	+ 9.5	+ 4.9	+ 2.3
Div 54	Medicinal and pharmaceutical products	417	+ 2.5	+ 3.0	- 2.4	+ 0.2	- 1.9	+ 0.7	+ 3.3	- 1.2	- 3.4
Div 55	Essential oils and resinoids & perfume materials;toilet, etc.	206	+ 3.4	+ 2.2	- 2.3	+ 4.8	+ 2.4	+ 3.2	+ 8.2	+ 7.1	+ 8.1
Div 57	Plastics in primary forms	94	+ 13.8	+ 11.6	+ 5.4	+ 6.2	+ 1.9	- 0.3	+ 42.1	+ 27.3	+ 13.8

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

Table 6 (cont'd) - Import Price Index: Percentage change by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	Percentage changes from previous quarter						Percentage changes from corresponding quarter of previous year		
			1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
Section 6	Manufactured goods classified chiefly by material	852	+ 14.3	+ 11.0	+ 4.0	+ 4.3	+ 4.0	- 3.9	+ 37.7	+ 25.3	+ 8.5
Div 62	Rubber manufactures, n.e.s.	43	+ 7.4	+ 2.6	+ 4.8	+ 1.8	- 0.8	+ 3.2	+ 17.5	+ 8.6	+ 9.1
Div 63	Cork and wood manufactures (excluding furniture)	25	+ 21.6	+ 34.6	- 5.6	+ 1.0	- 0.4	+ 3.2	+ 55.9	+ 27.8	- 2.0
Div 64	Paper, paperboard and articles of paper pulp	31	+ 2.1	+ 5.0	+ 0.8	+ 18.6	+ 11.0	+ 1.3	+ 28.2	+ 39.4	+ 34.4
Div 65	Textile yarn, fabrics, made-up articles, n.e.s.	254	+ 24.8	+ 5.2	- 1.9	- 1.6	+ 5.2	+ 1.7	+ 26.7	+ 6.8	+ 3.2
Div 66	Non-metallic mineral manufactures, n.e.s.	172	+ 12.9	+ 7.4	+ 2.9	+ 1.1	- 0.2	+ 2.3	+ 26.2	+ 11.5	+ 6.2
Div 67	Iron and steel	169	+ 12.6	+ 19.7	+ 12.2	+ 13.2	+ 5.1	- 15.2	+ 71.2	+ 59.7	+ 13.2
Div 68	Non-ferrous metals	98	+ 6.3	+ 18.9	+ 9.3	+ 7.1	+ 1.3	- 13.0	+ 48.0	+ 41.0	+ 3.2
Div 69	Manufactures of metals, n.e.s.	60	+ 1.9	+ 11.8	+ 7.7	+ 1.5	+ 13.5	+ 1.0	+ 24.5	+ 38.6	+ 25.3

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

Table 6 (cont'd) - Import Price Index: Percentage change by SITC¹ section & division, 1st quarter 2021 - 3rd quarter 2022

Base period: Year 2018=100

Section/ Division	Description	Weight	Percentage changes from previous quarter						Percentage changes from corresponding quarter of previous year		
			1st Qr 21 to 2nd Qr 21	2nd Qr 21 to 3rd Qr 21	3rd Qr 21 to 4th Qr 21	4th Qr 21 to 1st Qr 22	1st Qr 22 to 2nd Qr 22	2nd Qr 22 to 3rd Qr 22	1st Qr 21 to 1st Qr 22	2nd Qr 21 to 2nd Qr 22	3rd Qr 21 to 3rd Qr 22
			Section 7	Machinery and transport equipment	1,515	+ 2.4	+ 3.6	+ 0.3	+ 1.3	+ 1.6	+ 1.5
Div 72	Machinery specialized for particular industries	51	+ 3.2	+ 4.5	- 0.9	- 2.0	- 3.5	- 5.8	+ 4.8	- 2.0	- 11.7
Div 74	General industrial machinery & equipment, n.e.s.	100	+ 2.0	+ 5.5	- 0.5	- 4.2	+ 9.6	+ 1.0	+ 2.5	+ 10.1	+ 5.5
Div 75	Office machines and automatic data processing machines	194	+ 1.6	- 2.8	+ 1.9	+ 4.3	+ 6.0	+ 3.3	+ 5.0	+ 9.5	+ 16.4
Div 76	Telecommunications and sound recording	190	+ 6.2	+ 6.1	+ 0.9	+ 1.0	- 1.1	+ 2.4	+ 14.7	+ 6.9	+ 3.2
Div 77	Electrical machinery, apparatus and appliances, n.e.s., & parts thereof reproducing apparatus	105	+ 3.0	+ 4.8	+ 3.3	+ 6.3	- 0.5	+ 2.0	+ 18.6	+ 14.6	+ 11.4
Div 78	Road vehicles (including air-cushion vehicles)	875	+ 1.7	+ 4.1	- 0.3	+ 0.7	+ 0.9	+ 1.2	+ 6.3	+ 5.5	+ 2.6
Section 8	Miscellaneous manufactured articles	294	+ 1.6	+ 3.8	+ 0.6	- 5.4	- 1.3	+ 3.3	+ 0.4	- 2.5	- 3.0
Div 82	Furniture & parts thereof; bedding, mattresses, mattress support, cushions & similar stuffed furnishings	27	+ 2.1	+ 4.9	+ 0.8	+ 1.0	+ 0.5	- 0.9	+ 9.1	+ 7.4	+ 1.4
Div 85	Footwear	128	+ 1.9	+ 4.0	+ 1.0	- 3.5	- 2.2	+ 6.9	+ 3.3	- 0.9	+ 1.9
Div 87	Professional, scientific and controlling inst. and app.	32	+ 3.9	+ 5.0	- 0.4	- 1.8	+ 2.9	+ 3.0	+ 6.7	+ 5.7	+ 3.6
Div 88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches & clocks	66	+ 0.7	+ 2.3	+ 0.5	- 14.3	- 0.8	+ 1.4	- 11.2	- 12.6	- 13.3
Div 89	Miscellaneous manufactured articles, n.e.s.	41	+ 0.3	+ 4.7	+ 0.0	- 1.7	- 3.9	- 1.0	+ 3.2	- 1.1	- 6.4

¹ The Standard International Trade Classification Revision 4 (SITC Rev. 4)

Table 7 - Percentage change in the price and volume of imports¹, 3rd quarter 2021 to 3rd quarter 2022

Section/ Division	Description	Weight	C.I.F Value (Rs Million)		% change		
			3rd Quarter 2021	3rd Quarter 2022	Value	Price	Volume ²
	Overall	10,000	54,768	77,046	+ 40.7	+ 33.0	+ 5.7
Section 0	Food and live animals	2,169	10,485	14,386	+ 37.2	+ 11.9	+ 22.6
	of which:						
Div 02	Dairy products and birds' eggs	321	1,235	1,588	+ 28.6	+ 16.6	+ 10.2
Div 03	Fish, crustaceans, etc, and preparations thereof	616	2,175	3,005	+ 38.2	- 1.8	+ 40.7
Div 04	Cereals and cereal preparations	469	2,241	3,360	+ 49.9	+ 26.5	+ 18.5
Section 1	Beverages and Tobacco	333	848	1,421	+ 67.6	+ 3.3	+ 62.2
Section 2	Crude materials, inedible, except fuels	262	1,128	2,040	+ 80.9	+ 17.6	+ 53.8
Section 3	Mineral fuels, lubricants and related materials	3,766	9,090	15,262	+ 67.9	+ 72.0	- 2.4
	of which:						
Div 33	Petroleum, petroleum products and related materials	3,218	7,188	13,352	+ 85.8	+ 73.9	+ 6.8
Section 4	Animal and vegetable oils, fats and waxes	92	663	1,338	+ 101.8	+ 45.5	+ 38.7
Section 5	Chemical materials & related products, n.e.s	717	5,826	7,041	+ 20.9	+ 2.3	+ 18.1
	of which:						
Div 54	Medicinal and pharmaceutical products	417	2,229	2,003	- 10.1	- 3.4	- 7.0
Section 6	Manufactured goods classified chiefly by material	852	11,042	13,625	+ 23.4	+ 8.5	+ 13.7
	of which:						
Div 65	Textile yarn, fabrics, made-up articles, n.e.s	254	2,380	2,738	+ 15.0	+ 3.2	+ 11.5
Div 66	Non-metallic mineral manufactures, n.e.s.	172	2,604	3,421	+ 31.4	+ 6.2	+ 23.7
Div 67	Iron and steel	169	2,369	2,409	+ 1.7	+ 13.2	- 10.2
Section 7	Machinery and transport equipment	1,515	10,244	14,527	+ 41.8	+ 4.8	+ 35.3
	of which:						
Div 78	Road vehicles (including air-cushion vehicles)	875	2,966	4,994	+ 68.4	+ 2.6	+ 64.2
Section 8	Miscellaneous manufactured articles	294	5,204	7,097	+ 36.4	- 3.0	+ 40.6

¹ Excluding section 9 not covered by the IPI² Volume change has been derived as the ratio of value to price change

Table 8 - Quarterly Import Price Index, 1st quarter 2007 - 3rd quarter 2022

Base period: Year 2018=100

Quarter	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Qr 1	90.0	88.7	90.8	93.7	101.4	106.3	110.4	104.2	94.4	84.0	94.8	94.7	96.3	109.3	115.1	162.3
Qr 2	87.4	95.9	91.5	99.6	104.2	109.8	107.1	105.9	96.4	90.1	92.6	101.7	100.8	110.7	126.3	186.6 ¹
Qr 3	86.5	105.0	92.0	98.5	104.6	112.5	108.9	108.5	93.7	88.4	93.9	103.4	99.9	108.9	137.1	182.4 ²
Qr 4	90.0	98.0	91.0	99.6	105.8	112.4	107.9	100.0	88.6	91.4	99.0	100.0	99.4	107.7	141.8	
Year	88.5	96.9	91.3	97.9	104.0	110.3	108.6	104.7	93.3	88.5	95.1	100.0	99.1	109.2	130.1	

¹ Revised

² Provisional

Export Price Index (EPI)

Methodology for the computation of the EPI

1. 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 commodities selected from trade data in the base year.

The concepts and definitions of the EPI largely follow the guidelines provided in the “IMF Export and Import Price Index Manual, Theory and Practice, 2009”.

2. Scope

The 2018 index is based on the Nomenclature of the Standard International Trade Classification of the United Nations (SITC Rev 4). The EPI covers four of the 10 sections of the SITC, namely “Food and live animals”, “Chemicals and related products”, “Manufactured goods classified chiefly by material” and “Miscellaneous manufactured articles”. Exports of goods falling under these sections covered 87% of total exports in the base year. Separate sub-indices are produced for each SITC section and division.

The EPI covers total exports (domestic exports and re-exports). The most important commodities in the 2018 EPI are “Articles of apparel and clothing accessories”, “Fish and fish preparations”, “Sugar” and “Textile yarn, fabrics, made-up articles, n.e.s., and related products”.

However, some commodities were excluded in the computation of the weights because of their heterogeneity and the inherent difficulties in pricing them to a constant quality. Those 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 20% of total exports in 2018. In addition, SITC sections 2 and 4 were not represented due to low exports value.

The index thus covers about 80% of the value of merchandise exported during 2018. Commodities directly represented (i.e, price movements followed) constitute 62% of the total value of exports. For the 18% not directly represented, their prices are considered to move similarly to those represented directly.

3. Selection of products to be priced and outlets

Around 56 exporters (outlets) have been selected from trade declarations submitted to the Customs Department in 2018 for pricing of the commodities through quarterly price surveys. These exporters are the major ones trading on a regular basis.

A total of around 125 products, representing the 33 commodities directly represented in the index, were selected for pricing on the basis of their share in total exports, regularity of trade of exports and also their importance in the trader's exports. There must also be a sustained demand for the product variety.

Specifications of products to be priced (physical and qualitative) were established in collaboration with the selected exporters to ensure that same items are priced at each price survey. 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.

4. Price collection

A preliminary survey of the selected exporters was conducted in 2021 to gather information on products (specific brand and type) relating to the selected commodities and monthly prices for 2018 onwards were collected. Hereafter, the selected exporters are visited every quarter but prices are collected for each month of the quarter for the computation of monthly and quarterly indices. The collected prices are reported on a free on board (F.O.B.) basis and are mostly contract prices.

5. Updating of weights

Weights for each section, division, group and commodity are based on their export values. Products selected for pricing purposes represent all commodities that fall within that weight group.

5.1 Historical background

Statistics Mauritius first published the EPI in August 1996 with 1993 as base period (1993 = 100). The base year was subsequently revised to 1997, 2003, 2007 and 2013.

The current weights have been updated with year 2018 as base period.

6. Uses of the EPI

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

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

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.

7. 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 (products). 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 I_{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

$\frac{P_{it}}{P_{io}}$ is the price relative of the i^{th} element
in period t relative to base period 0

Σ means summation over all selected elements

8. Missing Prices

In case of missing prices for a product, imputation is carried out as recommended in the “IMF Export and Import Price Index Manual, Theory and Practice, 2009”.

Import Price Index (IPI)

Methodology for the computation of the IPI

1. Definition

The Import Price Index (IPI) provides an overall measure of pure price changes in Mauritian Rupees of goods imported into the country. This index is constructed from import prices of a "constant" well-defined representative basket of commodities selected from imports data in the base year.

The concepts and definitions of the IPI largely follow the guidelines provided in the “IMF Export and Import Price Index Manual, Theory and Practice, 2009”.

2. Scope

The commodities are classified according to the United Nations Standard International Trade Classification (SITC Rev 4). The IPI covers nine out of the 10 Standard International Trade Classification 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.

For the computation of the 2018 weights, some commodities accounting for around 16% of total imports in 2018 were excluded because of their heterogeneity and the inherent difficulties in pricing them to a constant quality. Those 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 84% of the value of merchandise imported in 2018. Commodities directly represented (price movements followed) constitute around 57% of the total value of imports. For the 27% not directly represented, their prices are considered to move similarly to those represented directly.

3. Selection of products to be priced and outlets

Some 178 importers (outlets) have been selected from trade declarations submitted to the Customs Department in 2018 for the pricing of the commodities. These importers are the major ones importing the selected commodities on a regular basis.

A total of around 275 products, representing the 112 commodities directly represented, were selected for pricing on the basis of regularity of imports and also their importance in the trader’s imports. There must also be a sustained demand for the product variety.

Specifications of products to be priced (physical and qualitative) were established in collaboration with the selected importers to ensure that same items are priced every quarter. Specifications include: pricing basis, contract basis, country of origin, 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.

4. Price collection

A preliminary survey of the selected importers was conducted in 2021 to gather information on the products (specific brand and type) relating to the selected commodities and to collect prices for the four quarters of 2018. Hereafter, the selected importers are visited every quarter to collect the required prices for updating the index. Given that most imports occur at intervals longer than a month, prices refer to the last consignment of the quarter. The collected prices are reported on a cost, insurance, freight (C.I.F) basis and are mostly contract prices.

5. Updating of weights

Weights for each section, division, group and commodity are based on their import values. Products selected for pricing purposes represent all commodities that fall within that weight group.

5.1 Historical background

The first series of IPI were calculated with year 2002 as base and reference prices for the year 2003. It was subsequently rebased to years 2007, 2013 and the present series has as base period year 2018.

6. Petroleum products and rice

It is to be noted that the index for petroleum products is calculated differently given that these products, namely gasoline, gas oil, aviation fuel, fuel oil, LPG are imported more than once during a quarter. All prices available for the quarter are collected and average prices for the quarter are computed for each product. The same pricing system is applicable for rice imported by the State Trading Corporation.

7. 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.

8. Calculation of the IPI

The lowest level indices (SITC 7 digit) are determined as a geometric average of the price relatives of the basic observations (products). 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 I_{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

$\frac{P_{it}}{P_{io}}$ is the price relative of the i^{th} element
in period t relative to base period 0

Σ means summation over all selected elements

9. Missing Prices

In case of missing prices for a product, imputation is carried out as recommended in the “IMF Export and Import Price Index Manual, Theory and Practice, 2009”.

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