

## EXPORT-IMPORT PRICE INDEX

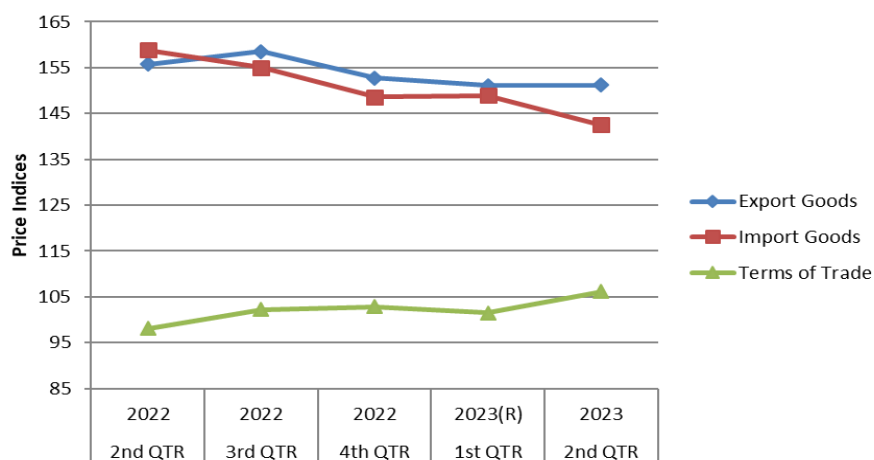
### APRIL-JUNE 2023

The Export and Import Price Index (XMPI), along with the Retail Price Index and the Producer Price Index, is designed to capture the change in prices in Barbados. Foreign trade price indices allow policy makers to analyze the impact of international trade on growth and inflation in the domestic economy. The XMPI will be used to deflate the foreign trade component in the expenditure approach for calculating Gross Domestic Product at current prices thus deriving Gross Domestic Product at constant prices. The XMPI will also be a useful tool in tracking trade flows in real terms by breaking down changes in the value of traded goods and services into price changes, volume changes, or both. In addition, export and import price indices provide an early indicator of inflation pressures on the domestic economy as well as an input for a variety of other purposes including negotiations for trade agreements, analyzing the effects of exchange rates, and measuring competitiveness. This document specifically covers the movement of export and import prices within Barbados for the second quarter of 2023.

### PERFORMANCE OF INDEX

- ❖ Import commodity prices decreased by 4.3 percent for the period April to June 2023 and by 10.3 percent for the 12 month period ending June 2023.
- ❖ Export commodity prices increased by 0.1 percent for the quarter but decreased by 2.9 percent for the 12 month period ending June 2023.
- ❖ The terms of trade, as measured by the ratio of export prices to import prices, increased by 4.6 percent in the quarter and by 8.2 percent for the 12 months since June 2022.

**Terms of Trade as at June 2023**



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### TERMS OF TRADE TABLE

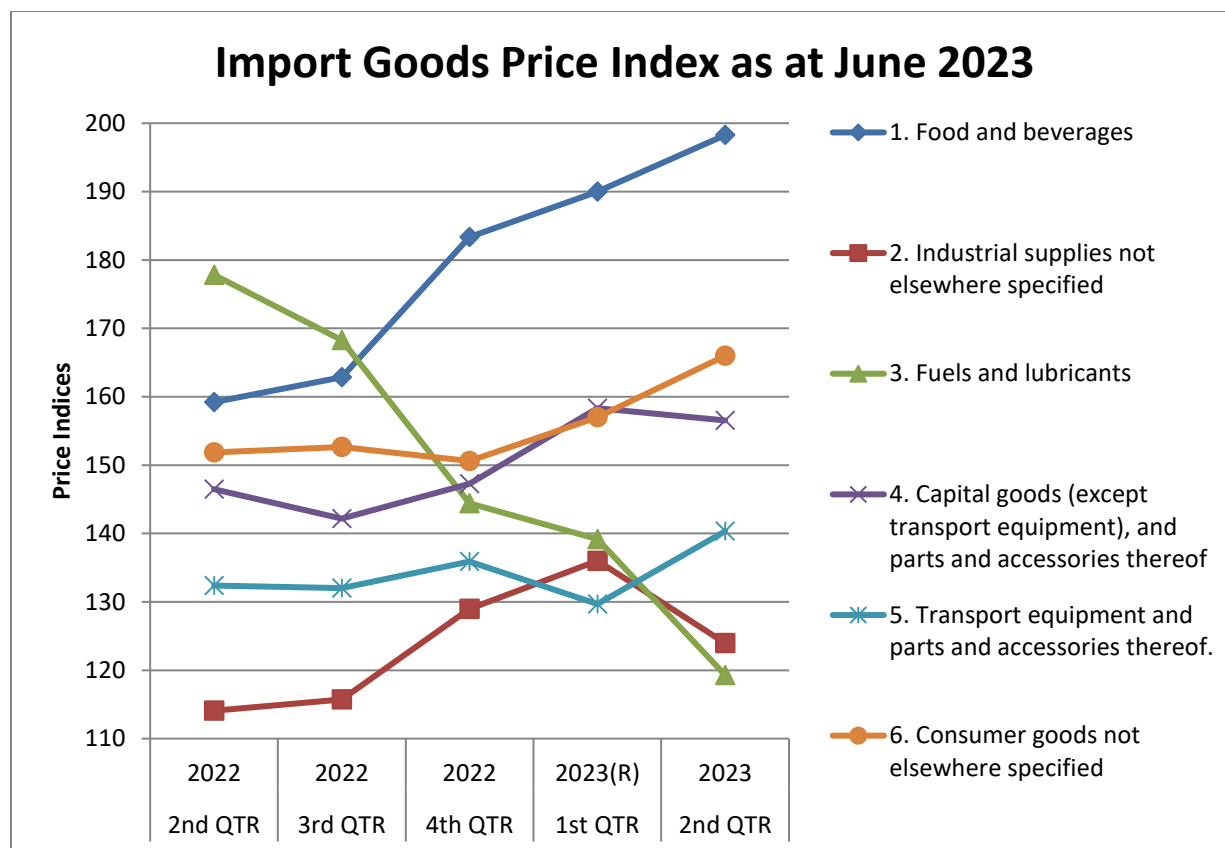
4th QTR 2007=100	2nd QTR 2022	3rd QTR 2022	4th QTR 2022	1st QTR 2023(R)	2nd QTR 2023	2022	2nd QTR % Change	12 Month % Change
<b>Export Goods</b>	155.72	158.50	152.75	151.10	151.19	152.36	0.1	-2.9
<b>Import Goods</b>	158.80	155.05	148.57	148.90	142.46	151.87	-4.3	-10.3
<b>Terms of Trade</b>	<b>98.06</b>	<b>102.23</b>	<b>102.82</b>	<b>101.48</b>	<b>106.13</b>	<b>100.32</b>	<b>4.6</b>	<b>8.2</b>

## **ANALYSIS OF EXPORT-IMPORT PRICE INDICES**

### **Import Price Index for Goods**

During the second quarter of 2023, Fuels and Lubricants prices declined by 14.3 percent while Consumer Goods increased by 5.7 percent. Food and Beverages prices increased by 4.4 percent while Transport Equipment prices also increased by 8.2 percent. In contrast, Capital Goods and Industrial Supplies both recorded declines of 1.1 percent and 8.9 percent respectively.

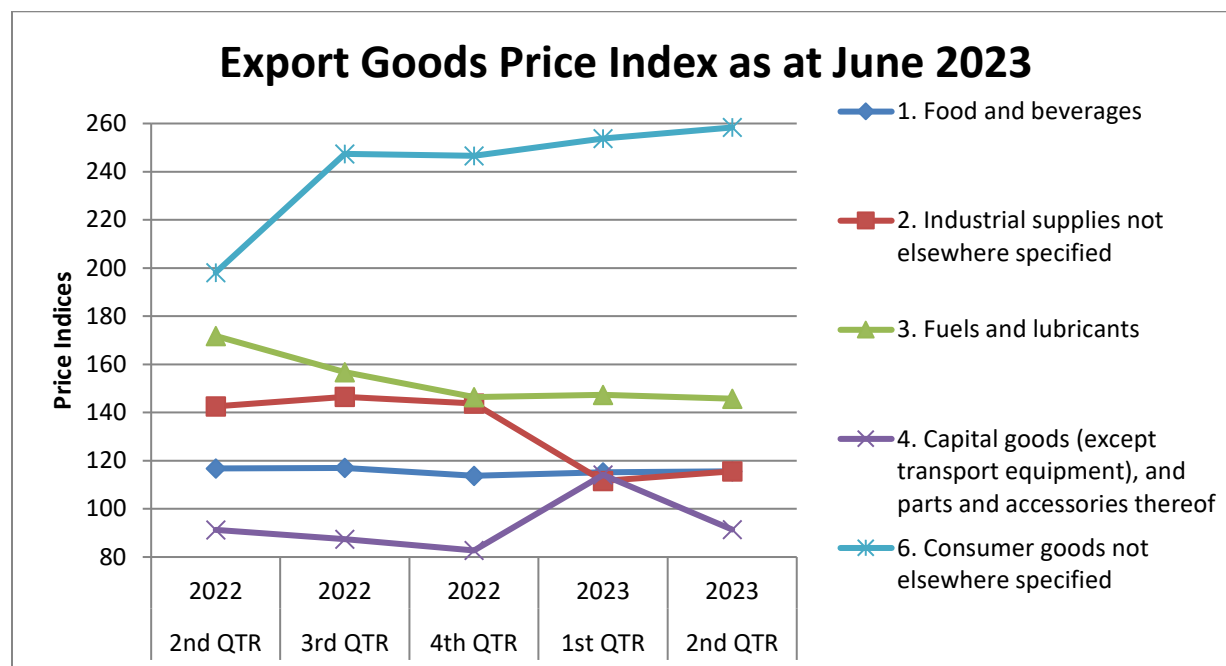
However, for the 12 month period ending June 2023, Fuels and Lubricants prices decreased by 32.9 percent while Capital Goods increased by 6.8 percent. Industrial Supplies and Food and Beverages prices both recorded increases of 8.7 percent and 24.5 percent respectively. Similarly, Transport Equipment and Consumer Goods prices recorded increases of 6.0 percent and 9.3 percent respectively.



### **Export Price Index for Goods**

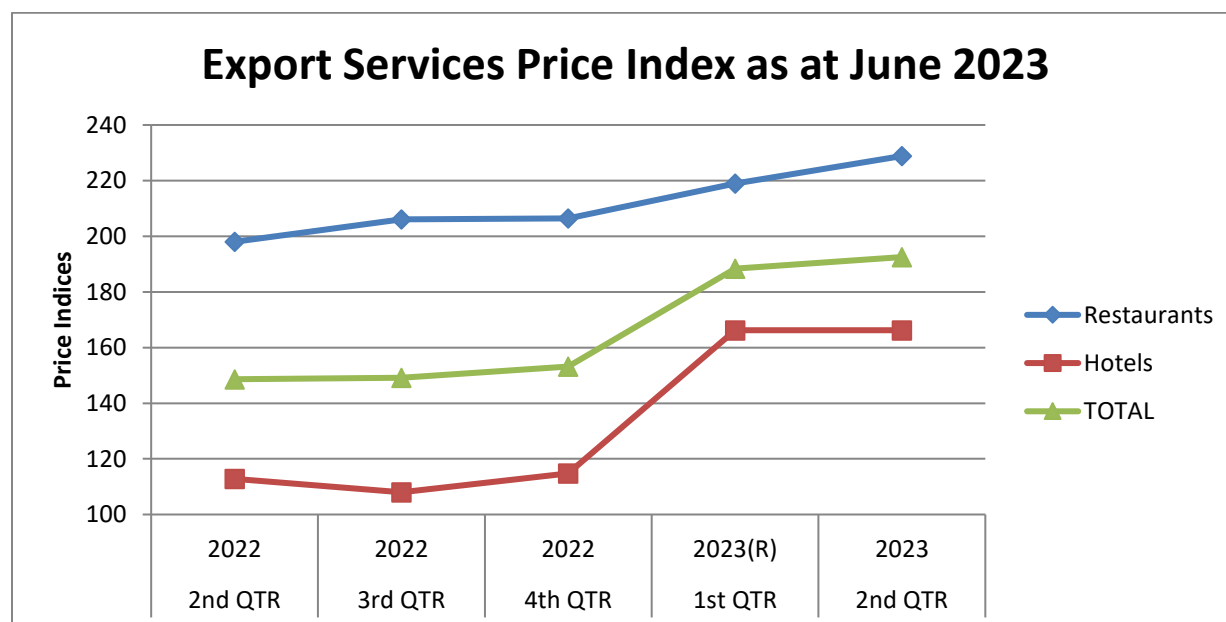
During the second quarter of 2023, Fuels and Lubricants prices declined by 1.1 percent while Consumer Goods prices increased by 1.8 percent. Industrial Supplies and Food and Beverages prices increased by 3.6 percent and 0.3 percent respectively. Capital Goods prices declined by 19.9 percent. However, for the 12 month period ending June 2023, Fuels and Lubricants prices declined by 15.2 percent while Consumer Goods prices increased by 30.4 percent. Capital Goods prices

increased by 0.2 percent. In contrast, Industrial Supplies and Foods and Beverages recorded decreases of 18.9 percent and 1.1 percent respectively.



### Export Price Index for Services

Export travel services increased by 2.2 percent for the quarter as restaurant prices increased by 4.5 percent while hotel prices remained constant. However, during the 12 month period ending June 2023, restaurant and hotel prices increased by 15.6 percent and 47.3 percent respectively reflecting the start of the COVID pandemic's impact on the economy.



## APPENDIX

### EXPORT GOODS PRICE INDEX

B.E.C. Exports 4th QTR 2007=100	2nd QTR 2022	3rd QTR 2022	4th QTR 2022	1st QTR 2023	2nd QTR 2023	2022	2nd QTR % Change	12 Month % Change
1. Food and beverages	116.80	116.98	113.73	115.13	115.52	117.35	0.3	-1.1
2. Industrial supplies not elsewhere specified	142.49	146.50	143.73	111.60	115.58	145.29	3.6	-18.9
3. Fuels and lubricants	171.78	156.83	146.36	147.33	145.74	150.60	-1.1	-15.2
4. Capital goods (except transport equipment), and parts and accessories thereof	91.22	87.42	82.72	114.11	91.43	90.32	-19.9	0.2
5. Transport equipment and parts and accessories thereof.	--	--	--	--	--	--	--	--
6. Consumer goods not elsewhere specified	198.14	247.44	246.55	253.83	258.35	225.97	1.8	30.4
7. Goods not elsewhere specified	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>155.72</b>	<b>158.50</b>	<b>152.75</b>	<b>151.10</b>	<b>151.19</b>	<b>152.36</b>	<b>0.1</b>	<b>-2.9</b>

### EXPORT SERVICES PRICE INDEX

Travel 4th QTR 2007=100	2nd QTR 2022	3rd QTR 2022	4th QTR 2022	1st QTR 2023(R)	2nd QTR 2023	2022	2nd QTR % Change	12 Month % Change
Restaurants	198.02	206.12	206.39	219.00	228.84	199.98	4.5	15.6
Hotels	112.85	107.99	114.71	166.23	166.23	119.64	0.0	47.3
<b>TOTAL</b>	<b>148.62</b>	<b>149.20</b>	<b>153.21</b>	<b>188.39</b>	<b>192.52</b>	<b>153.38</b>	<b>2.2</b>	<b>29.5</b>

### IMPORT GOODS PRICE INDEX

B.E.C. Imports 4th QTR 2007=100	2nd QTR 2022	3rd QTR 2022	4th QTR 2022	1st QTR 2023(R)	2nd QTR 2023	2022	2nd QTR % Change	12 Month % Change
1. Food and beverages	159.22	162.83	183.36	190.00	198.27	166.07	4.4	24.5
2. Industrial supplies not elsewhere specified	114.08	115.74	128.99	136.01	123.97	118.44	-8.9	8.7
3. Fuels and lubricants	177.82	168.26	144.40	139.15	119.30	159.15	-14.3	-32.9
4. Capital goods (except transport equipment), and parts and accessories thereof	146.49	142.18	147.25	158.33	156.52	148.61	-1.1	6.8
5. Transport equipment and parts and accessories thereof.	132.40	131.99	135.91	129.68	140.33	132.71	8.2	6.0
6. Consumer goods not elsewhere specified	151.86	152.65	150.60	156.98	165.98	151.80	5.7	9.3
7. Goods not elsewhere specified	--	--	--	--	--		--	--
<b>TOTAL</b>	<b>158.80</b>	<b>155.05</b>	<b>148.57</b>	<b>148.90</b>	<b>142.46</b>	<b>151.87</b>	<b>-4.3</b>	<b>-10.3</b>

*The Barbados Statistical Service would also like to express its sincere thanks to all those officers at the many business establishments who give their continued cooperation with their timely responses to our quarterly surveys. This Export Import Price Index could not have been done without your support.*