

## EXPORT-IMPORT PRICE INDEX

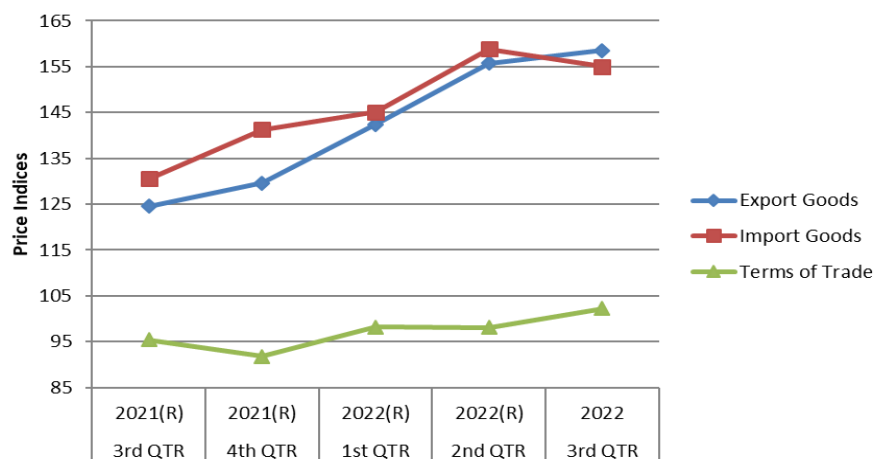
### JULY-SEPTEMBER 2022

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 third quarter of 2022.

#### PERFORMANCE OF INDEX

- ❖ Import commodity prices decreased by 2.4 percent for the period July to September 2022 and increased by 18.8 percent for the 12-month period ending September 2022.
- ❖ Export commodity prices increased by 1.8 percent for the period July to September 2022 and by 27.3 percent for the 12-month period ending September 2022.
- ❖ The terms of trade, as measured by the ratio of export prices to import prices, increased by 4.2 percent in the quarter and by 7.1 percent for the 12 months since September 2021.

#### Terms of Trade as at September 2022



#### In this bulletin:

##### Analysis of:-

- Import Prices on Goods 1
- Export Prices on Goods 2
- Export Prices on Services 3

##### Appendix of Tables:

- Export Goods Price Index 4
- Export Services Price Index 5
- Import Goods Price Index 6

#### TERMS OF TRADE TABLE

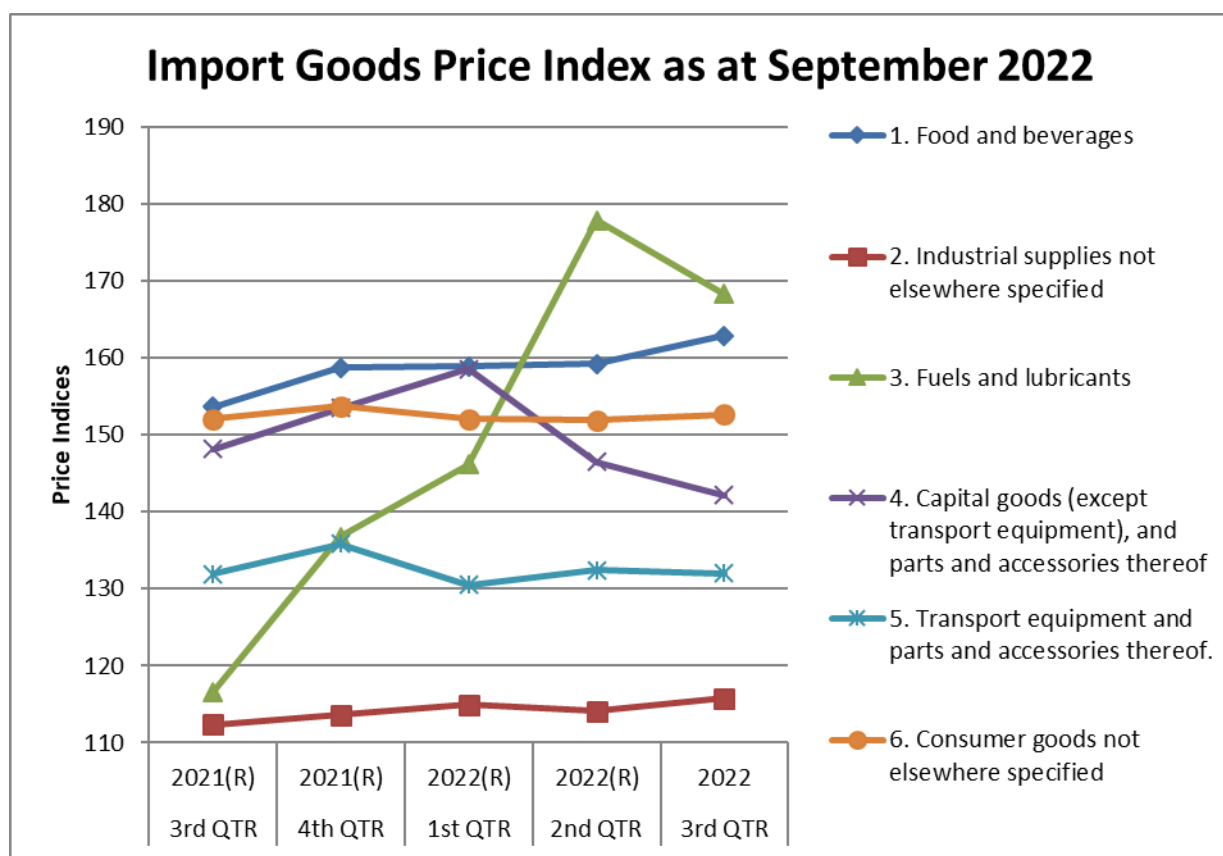
4th QTR 2007=100	3rd QTR 2021(R)	4th QTR 2021(R)	1st QTR 2022(R)	2nd QTR 2022(R)	3rd QTR 2022	2021	3rd QTR % Change	12 Month % Change
<b>Export Goods</b>	124.55	129.59	142.45	155.72	158.50	123.80	1.8	27.3
<b>Import Goods</b>	130.50	141.23	145.05	158.80	155.05	128.30	-2.4	18.8
<b>Terms of Trade</b>	95.44	91.75	98.21	98.06	102.23	96.50	4.2	7.1

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

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

During the third quarter of 2022, Food and Beverages showed increases of 2.3 percent. Similarly, Industrial Supplies and Consumer Goods also reported increases of 1.5 percent and 0.5 percent respectively. On another note, Fuels and Lubricants had price declines by 5.4 percent while Capital Goods reported its decline by 2.9 percent. Along the same lines, Transport Equipment decreased by 0.3 percent.

However, for the 12-month period ending September 2022, Capital Goods declined by 4.0 percent. However, Food and Beverages, Industrial Supplies and Fuels and Lubricants all had price increases of 6.0 percent, 3.0 percent and 44.3 percent respectively. Similarly, Transport Equipment increased by 0.1 percent while Consumer Goods increased by 0.4 percent.



### Export Price Index for Goods

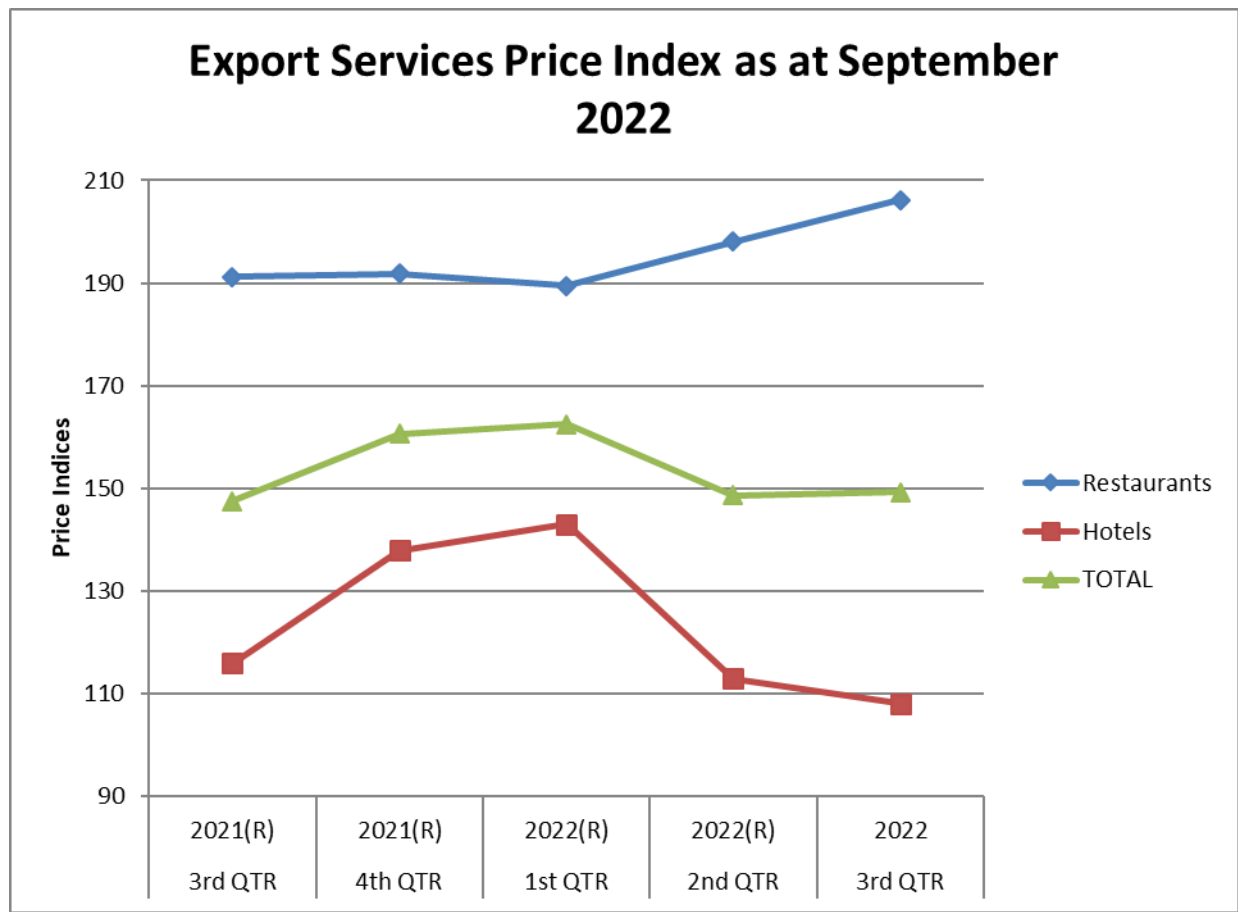
During the third quarter of 2022, Both Food and Beverages along with Industrial Supplies and Consumer Goods reported price increases by 0.2 percent, 2.8 percent and 24.9 percent respectively. Differently, Fuels and Lubricants along with Capital Goods both displayed price declines by 8.7 percent and 4.2 percent respectively.

However, for the 12-month period ending September 2022, Food and Beverages declined by 5.9 percent. Capital Goods also declined by 16.1 percent. However, Industrial Supplies increased by 6.2 percent. Similarly, Fuels and Lubricants and Consumer Goods also reported increases by 71.0 percent and 26.3 percent respectively.



### Export Price Index for Services

Export travel services increased by 0.4 percent for the quarter as restaurant prices increased by 4.1 percent and hotel prices declined by 4.3 percent. During the 12-month period ending September 2022, restaurant and hotel prices increased by 7.8 percent and declined by 6.8 percent respectively.



## APPENDIX

### EXPORT GOODS PRICE INDEX

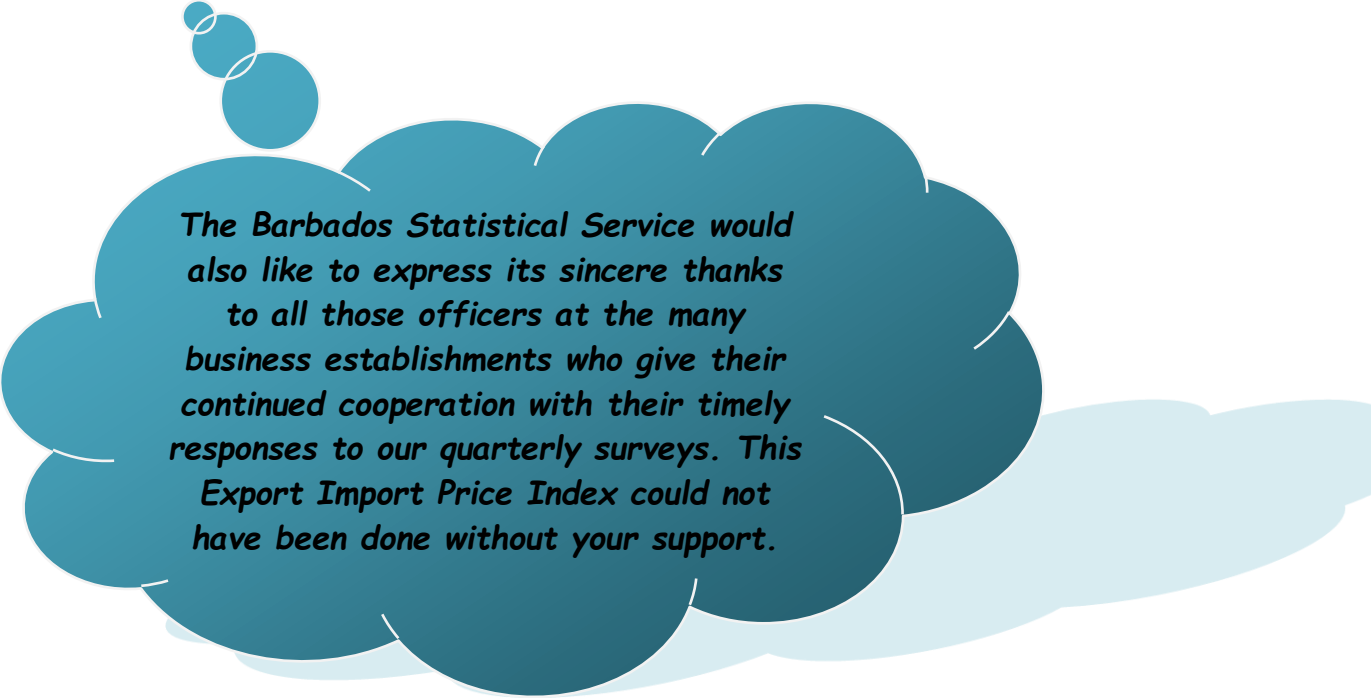
B.E.C. Exports 4th QTR 2007=100	3rd QTR 2021(R)	4th QTR 2021(R)	1st QTR 2022(R)	2nd QTR 2022(R)	3rd QTR 2022	2021	3rd QTR % Change	12 Month % Change
1. Food and beverages	124.38	124.31	121.89	116.80	116.98	125.31	0.2	-5.9
2. Industrial supplies not elsewhere specified	137.91	141.35	148.43	142.49	146.50	137.84	2.8	6.2
3. Fuels and lubricants	91.70	103.13	127.42	171.78	156.83	88.03	-8.7	71.0
4. Capital goods (except transport equipment), and parts and accessories thereof	104.15	100.37	99.90	91.22	87.42	108.03	-4.2	-16.1
5. Transport equipment and parts and accessories thereof.	--	--	--	--	--	--	--	--
6. Consumer goods not elsewhere specified	195.94	196.25	211.76	198.14	247.44	198.29	24.9	26.3
7. Goods not elsewhere specified	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>124.55</b>	<b>129.59</b>	<b>142.45</b>	<b>155.72</b>	<b>158.50</b>	<b>123.80</b>	<b>1.8</b>	<b>27.3</b>

**EXPORT SERVICES PRICE INDEX**

<b>Travel</b> 4th QTR 2007=100	<b>3rd QTR 2021(R)</b>	<b>4th QTR 2021(R)</b>	<b>1st QTR 2022(R)</b>	<b>2nd QTR 2022(R)</b>	<b>3rd QTR 2022</b>	<b>2022</b>	<b>3rd QTR % Change</b>	<b>12 Month % Change</b>
<b>Restaurants</b>	191.15	191.86	189.39	198.02	206.12	190.05	<b>4.1</b>	<b>7.8</b>
<b>Hotels</b>	115.89	137.87	143.03	112.85	107.99	119.73	<b>-4.3</b>	<b>-6.8</b>
<b>TOTAL</b>	<b>147.50</b>	<b>160.55</b>	<b>162.50</b>	<b>148.62</b>	<b>149.20</b>	<b>149.27</b>	<b>0.4</b>	<b>1.2</b>

### **IMPORT GOODS PRICE INDEX**

<b>B.E.C. Imports 4th QTR 2007=100</b>	<b>3rd QTR 2021(R)</b>	<b>4th QTR 2021(R)</b>	<b>1st QTR 2022(R)</b>	<b>2nd QTR 2022(R)</b>	<b>3rd QTR 2022</b>	<b>2021</b>	<b>3rd QTR % Change</b>	<b>12 Month % Change</b>
<b>1. Food and beverages</b>	153.61	158.66	158.86	159.22	162.83	154.44	2.3	6.0
<b>2. Industrial supplies not elsewhere specified</b>	112.36	113.61	114.93	114.08	115.74	111.56	1.5	3.0
<b>3. Fuels and lubricants</b>	116.63	136.75	146.11	177.82	168.26	111.26	-5.4	44.3
<b>4. Capital goods (except transport equipment), and parts and accessories thereof</b>	148.15	153.44	158.52	146.49	142.18	149.84	-2.9	-4.0
<b>5. Transport equipment and parts and accessories thereof.</b>	131.88	135.86	130.52	132.40	131.99	132.15	-0.3	0.1
<b>6. Consumer goods not elsewhere specified</b>	152.04	153.68	152.07	151.86	152.65	152.43	0.5	0.4
<b>7. Goods not elsewhere specified</b>	--	--	--	--	--	--	--	--
<b>TOTAL</b>	<b>130.50</b>	<b>141.23</b>	<b>145.05</b>	<b>158.80</b>	<b>155.05</b>	<b>128.30</b>	<b>-2.4</b>	<b>18.8</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.*