



ANNUAL INFLATION RATE SLIPS

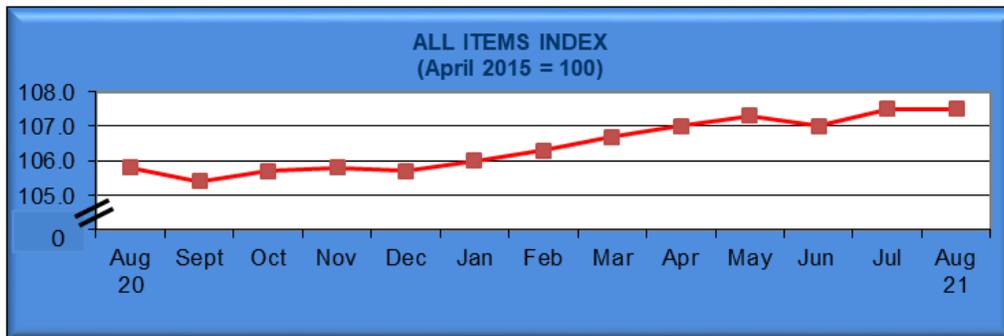
Consumers paid 1.6 per cent more in August 2021 than they did a year ago for the basket of goods and services included in the Consumer Price Index (CPI). This level of inflation dropped 0.6 percentage points from the July 2021 annual inflation rate of 2.2 per cent.

Between July 2021 and August 2021 the all items index was unchanged at 107.5. This means that the basket of goods and services that cost \$100.00 in April 2015 now costs \$107.50.

YEAR-TO-YEAR ANALYSIS

The Transport & Foreign Travel sector (+9.1 per cent) continues to be the largest contributor to the twelve-month increase in the CPI. The main contributors to the increase were the average cost of airfares (+17.5 per cent) and premium fuels (+15.3 per cent).

The Health & Personal Care sector and the Household Goods, Services & Supplies sector also impacted strongly on the annual rate of inflation, as price shifts in both sectors measured 1.9 per cent.



Annual Inflation Rate +1.6%

The compilation of the CPI involves the processing of several thousand price quotations. The Department of Statistics wishes to acknowledge the cooperation of the business community in supplying the required price data.

SUMMARY STATISTICS					
Period	Monthly		Period	Quarterly	
	Index	Annual per cent Change		Index	Annual per cent Change
2020			2019		
Aug	105.8	-0.7	Q1	105.3	+1.2
Sept	105.4	-0.7	Q2	105.7	+0.7
Oct	105.7	-0.2	Q3	106.4	+1.1
Nov	105.8	-0.1	Q4	105.7	+0.7
Dec	105.7	+0.3			
2021			2020		
Jan	106.0	-0.3	Q1	106.1	+0.8
Feb	106.3	+0.2	Q2	105.8	+0.1
Mar	106.7	+0.8	Q3	105.5	-0.8
Apr	107.0	+0.9	Q4	105.7	Nil
May	107.3	+1.4			
June	107.0	+1.2	2021		
July	107.5	+2.2	Q1	106.3	+0.2
Aug	107.5	+1.6	Q2	107.1	+1.2

MONTH-TO-MONTH ANALYSIS

Rent

The Rent sector was up 0.6 per cent as the average cost of properties not subject to rent control and properties under rental control, advanced 1.2 per cent and 0.1 per cent, respectively.

Food

On average, price rises in food items such as imported lettuce (+11.0 per cent), frozen spare ribs (+5.4 per cent) and cantaloupes (+5.2 per cent) contributed to the increase in the Food sector (+0.5 per cent).

Tobacco & Liquor

The Tobacco & Liquor sector increased 0.3 per cent as the average cost of spirits and beer increased 1.4 per cent and 0.1 per cent, respectively.

Education, Recreation, Entertainment & Reading

In August, the Education, Recreation, Entertainment & Reading sector moved up 0.1 per cent. The average cost of pet food increased 1.4 per cent.

Household Goods, Services & Supplies

The Household Goods, Services & Supplies sector rose 0.1 per cent in August as the average cost of food wraps & trash bags increased 2.7 per cent.

Health & Personal Care

The Health & Personal Care sector was static for the month.

Fuel & Power

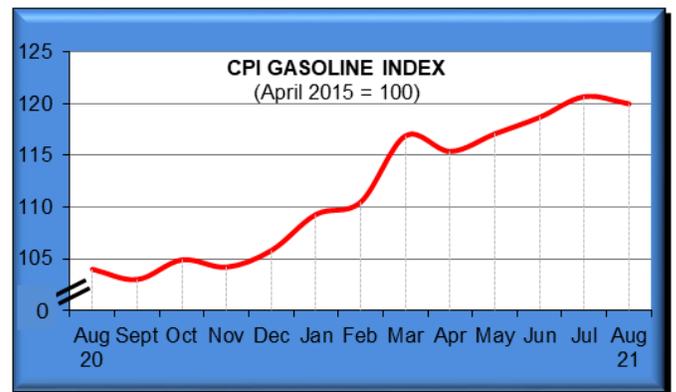
Following the 2.8 per cent rise in July, the Fuel & Power sector was unchanged in August.

Clothing & Footwear

The Clothing & Footwear sector reported no price movement for the month.

Transport & Foreign Travel

The Transport & Foreign Travel sector declined 1.8 per cent. The drop in this sector was attributed to the decrease in the average cost of overseas car rentals (-18.3 per cent).



COMPUTING PRICE INCREASES

The Department of Statistics receives calls daily requesting the rate of inflation over specific periods of time. The following calculations are provided to guide users as to how to compute rates of price increases. The monthly index numbers can be obtained from our website: <https://www.gov.bm/department/statistics>.

A) Month-to-Month Price Change

The price change between February 2020 and January 2020 is calculated as follows:

$$= \frac{\text{Feb 20 index} - \text{Jan 20 index}}{\text{Jan 20 index}} \times 100$$

$$= \frac{106.1 - 106.3}{106.3} \times 100$$

$$= -0.2\%$$

B) Year-to-Year Price Change

The price change between March 2020 and March 2019 is calculated as follows:

$$= \frac{\text{Mar 20 index} - \text{Mar 19 index}}{\text{Mar 19 index}} \times 100$$

$$= \frac{105.9 - 105.6}{105.6} \times 100$$

$$= 0.3\%$$

C) Particular Period Price Change

The price change between February 2020 and March 2018 is calculated as follows:

$$= \frac{\text{Feb 20 index} - \text{Mar 18 index}}{\text{Mar 18 index}} \times 100$$

$$= \frac{106.1 - 104.3}{104.3} \times 100$$

$$= 1.7\%$$

BERMUDA CONSUMER PRICE INDEX

APRIL 2015 = 100

	All Items	Food	Rent	Clothing & Footwear	Tobacco & Liquor	Fuel & Power	Household Goods, Services & Supplies	Transport & Foreign Travel	Education, Recreation, Entertainment & Reading	Health & Personal Care
2013 WEIGHT	1000	115	267	25	31	39	116	130	147	130
ANNUAL AVERAGE (per cent)										
2016	+1.5	+1.9	+1.0	+0.4	+5.1	-3.3	+1.6	-2.2	+3.3	+4.5
2017	+1.9	+2.2	+0.1	+1.5	+7.8	+7.8	+0.5	+3.6	+2.0	+1.3
2018	+1.4	+2.1	+0.2	+1.5	+4.3	+5.8	-0.2	+0.3	+2.1	+3.1
2019	+1.0	+2.7	+0.9	+1.9	+3.8	+1.1	Nil	-3.0	+0.4	+3.4
2020	Nil	+4.5	-1.8	+0.9	+2.3	-1.8	+0.3	-4.6	+1.1	+2.8
MONTHLY (per cent)										
2019										
Jun	+0.3	+1.0	-0.4	Nil	+1.1	+0.8	Nil	+0.7	-0.2	+1.4
Jul	+0.9	+0.4	+2.1	+0.2	-0.6	Nil	Nil	+2.7	+0.2	+0.1
Aug	-0.2	-0.1	+0.2	Nil	+0.2	Nil	+0.1	-1.7	-0.3	Nil
Sept	-0.4	+0.2	-0.2	Nil	+1.1	Nil	Nil	-3.0	+0.4	Nil
Oct	-0.2	-0.1	-0.9	+0.5	-0.3	-4.2	+0.1	+0.8	+0.1	+0.4
Nov	Nil	+0.5	-0.2	Nil	-0.7	-2.7	Nil	+0.9	Nil	Nil
Dec	-0.5	-0.1	Nil	Nil	+0.2	-1.5	-0.4	-2.8	Nil	Nil
2020										
Jan	+0.9	+0.8	+0.9	Nil	-0.4	Nil	+0.3	+2.2	+0.1	Nil
Feb	-0.2	Nil	-0.5	Nil	+0.8	Nil	+0.1	-0.7	Nil	Nil
Mar	-0.2	-0.3	-0.4	Nil	+0.6	Nil	Nil	-0.6	-0.1	Nil
Apr	+0.1	+0.8	-0.3	+0.5	+0.8	Nil	+0.1	-1.7	+0.1	+1.2
May	-0.2	+0.7	-0.9	Nil	-0.5	Nil	Nil	+0.1	Nil	Nil
Jun	-0.1	+0.2	-0.5	Nil	+0.1	Nil	Nil	-0.4	+0.1	Nil
Jul	-0.5	+0.1	-0.4	Nil	-0.2	-3.4	+0.1	-1.9	Nil	Nil
Aug	+0.6	+0.5	+0.3	Nil	+0.3	Nil	+0.1	+0.2	+1.7	+0.8
Sept	-0.4	+0.3	-1.3	Nil	+0.9	Nil	+0.1	-1.3	+0.1	Nil
Oct	+0.3	+0.1	+1.2	+0.2	-0.6	Nil	+0.3	+0.1	+0.1	Nil
Nov	+0.1	-0.2	-0.2	Nil	+0.1	Nil	+0.2	+1.5	-0.2	Nil
Dec	-0.1	-0.3	+0.5	Nil	-0.6	Nil	+0.7	-2.2	-0.1	Nil
2021										
Jan	+0.3	+0.1	+0.5	+0.5	+0.3	+1.0	Nil	+1.5	-0.1	Nil
Feb	+0.3	+0.3	Nil	Nil	-0.8	Nil	Nil	+2.2	+0.2	Nil
Mar	+0.4	+0.3	+0.2	Nil	Nil	Nil	Nil	+2.2	Nil	Nil
Apr	+0.3	Nil	Nil	-0.6	+0.1	+1.5	+0.3	+0.7	Nil	+1.1
May	+0.3	-0.1	-0.7	Nil	-0.1	+0.2	+0.3	+3.7	+0.1	Nil
Jun	-0.3	+0.5	-0.3	Nil	-1.3	-14.1	Nil	+0.8	+0.9	+0.7
Jul	+0.5	+0.1	+0.2	+1.1	+0.1	+2.8	Nil	+1.5	+0.1	Nil
Aug	Nil	+0.5	+0.6	Nil	+0.3	Nil	+0.1	-1.8	+0.1	Nil
Aug '21	107.5	115.2	100.6	108.0	123.7	96.9	105.2	101.3	111.7	117.5
Aug '21 Aug '20	+1.6	+1.3	+0.7	+1.3	-1.6	-9.3	+1.9	+9.1	+0.9	+1.9

WHAT IS THE CONSUMER PRICE INDEX?

The Consumer Price Index (CPI) is a statistical tool used for measuring changes in the general level of prices of consumer goods and services purchased by private households.

The index measures price movements of a given quality and quantity of goods and services. The mix of these consumer goods and services comprising the index, are figuratively thought of as a “shopping basket.” In constructing this “shopping basket”, the selected goods and services are organized first by commodity type. They are then divided into sub-components and assigned to a major expenditure group. The Bermuda CPI is structured into nine expenditure groups or sectors:

- Food
- Rent
- Clothing & Footwear
- Tobacco & Liquor
- Fuel & Power
- Transport & Foreign Travel
- Household Goods, Services & Supplies
- Education, Recreation, Entertainment & Reading
- Health & Personal Care

CONCEPTS AND DEFINITIONS

Base Period

The time period which is used as a reference point for measuring the price change of goods and services. The base period for the Bermuda CPI is April 2015.

Price Index Number

A single figure that shows how a set of prices has changed over a specified period of time. An index number on its own means nothing. It must be compared with an index number from another period to have meaning. For example, a comparison of the index number 97.2 for January 2014 with 100.4 for January 2016, reveals that prices have increased by 3.3 percent.

Laspeyres Equation

The CPI is computed using this statistical equation. This formula calculates the total amount of money a household needs today to purchase the same basket of goods and services that it bought in the base period, April 2015.

WEIGHTED AVERAGE

A mathematical formula that takes into account the relative importance of an item’s price change compared to the overall change in the sector or CPI.

Inflation

Inflation is the process of rising prices, resulting in diminishing purchasing power of a given sum of money.

Cost of Living Index

Many individuals refer to the CPI as a cost-of-living index. The CPI is an index of pure price change only. A cost-of-living index reflects the changes in buying or consumption patterns that consumers would ordinarily make to adjust to any change in the price of a good or service.

A COMPARISON OF RATES OF INFLATION (%) Selected Countries & Bermuda

	2017	2018	2019	2020	Aug 21
Bermuda	+1.9	+1.4	+1.0	Nil	+1.6
United States¹	+2.1	+2.4	+1.8	+1.2	+5.3
Canada²	+1.6	+2.3	+1.9	+0.7	+4.1
United Kingdom³	+3.6	+3.3	+2.6	+1.5	+4.8

Sources:

1. US Bureau of Labour Statistics
2. Statistics Canada
3. UK Office of National Statistics

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