



Annual Inflation Rate +2.4%

YEAR-OVER-YEAR INFLATION ANALYSIS

Consumers paid 2.4 per cent more in September than they did a year ago for the basket of goods and services included in the Consumer Price Index (CPI). This level of inflation was unchanged from the August 2023 annual inflation rate.

Food

The Food sector increased 4.4 per cent. Factoring into the annual increase was the cost of dry breakfast cereals (+17.5 per cent), sliced meats (+10.9 per cent) and frozen entrees (+10.3 per cent). In contrast, the annual average price of spare ribs (-19.7 per cent), onions (-17.5 per cent) and whole chickens and chicken parts (-12.1 per cent) decreased.

Rent

In the twelve months to September 2023, the Rent sector increased 2.2 per cent. On average, home contents insurance premiums increased 6.3 per cent. In addition, the average cost of properties not subject to rent control advanced 2.7 per cent annually.

Education, Recreation, Entertainment & Reading

Year-over-year, the Education, Recreation, Entertainment & Reading sector rose 3.3 per cent. The average cost of local school tuition increased 5.0 per cent while overseas college tuition costs rose 2.2 per cent.

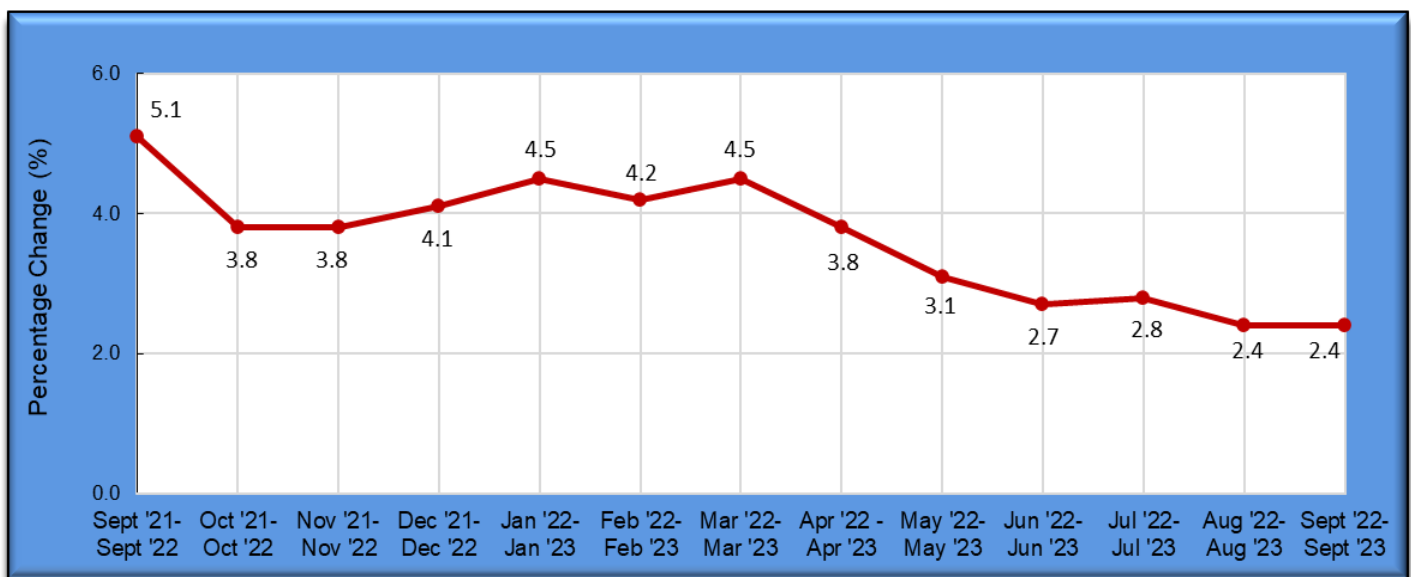
Health & Personal Care

The annual increase in the Health & Personal Care sector was 2.2 per cent. On average, the price of prescribed medicines rose 6.8 per cent while self-prescribed medicines and household medical supplies increased 2.0 per cent.

Transport & Foreign Travel

Year-over-year, the annual increase in the Transport & Foreign Travel sector was 2.2 per cent. The average cost of airfares rose by 7.6 per cent. In contrast, the average cost of overseas hotel accommodations declined by 2.9 per cent.

YEAR-OVER-YEAR PERCENTAGE CHANGE IN ALL ITEMS INDEX (April 2015 = 100)



MONTH-OVER-MONTH INFLATION ANALYSIS

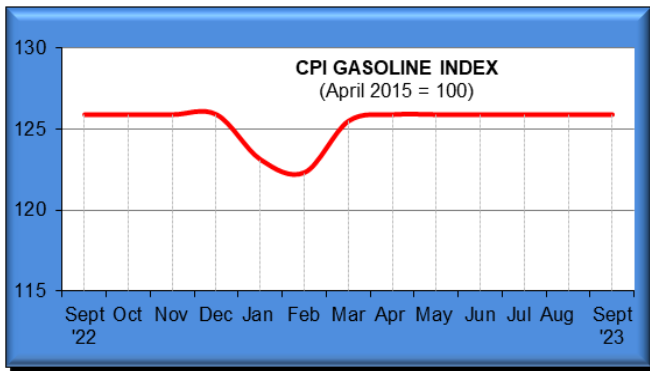
Between August 2023 and September 2023, the average cost of goods and services in the CPI increased 0.5 per cent. The all-items index rose from 115.5 to 116.1. This means that the basket of goods and services that cost \$100.00 in April 2015 now costs \$116.10.

Education, Recreation, Entertainment & Reading

The Education, Recreation, Entertainment & Reading sector increased 1.1 per cent in September. The average cost of local school tuition increased 5.0 per cent while overseas college tuition costs rose 2.2 per cent.

Transport & Foreign Travel

The Transport & Foreign Travel sector increased 1.3 per cent in September, following a 2.1 per cent decrease in August. The increase was attributed to a 4.8 per cent increase in the average cost of airfares.



Rent

The Rent sector rose 0.4 per cent for the month. On average, home contents insurance premiums increased 6.3 per cent.

Food

The Food sector rose 0.2 per cent in September compared to a 0.7 per cent rise in August. On average, the leading price increases were baked beans (+9.3 per cent), beef tenderloin (+5.7 per cent) and sweet biscuits (+4.2 per cent). In contrast, the average cost of oranges (-5.0 per cent) and pineapples (-2.3 per cent) declined.

Household Goods, Services & Supplies

The Household Goods, Services & Supplies sector edged up 0.1 per cent for the month. The average cost of curtains and bedlinens rose 9.2 per cent and 1.2 per cent, respectively. In addition, the average cost of daycare services for children increased 0.4 per cent.

Tobacco & Liquor

The Tobacco & Liquor sector rose 0.4 per cent for the month. The average price of spirits (+1.7 per cent) and wines (+0.2 per cent) increased.

Health & Personal Care

Despite the increases in the average cost of prescribed medicines (+0.2 per cent) and self-prescribed medicines and household medical supplies (+0.2 per cent), the Health & Personal Care sector was unchanged in September.

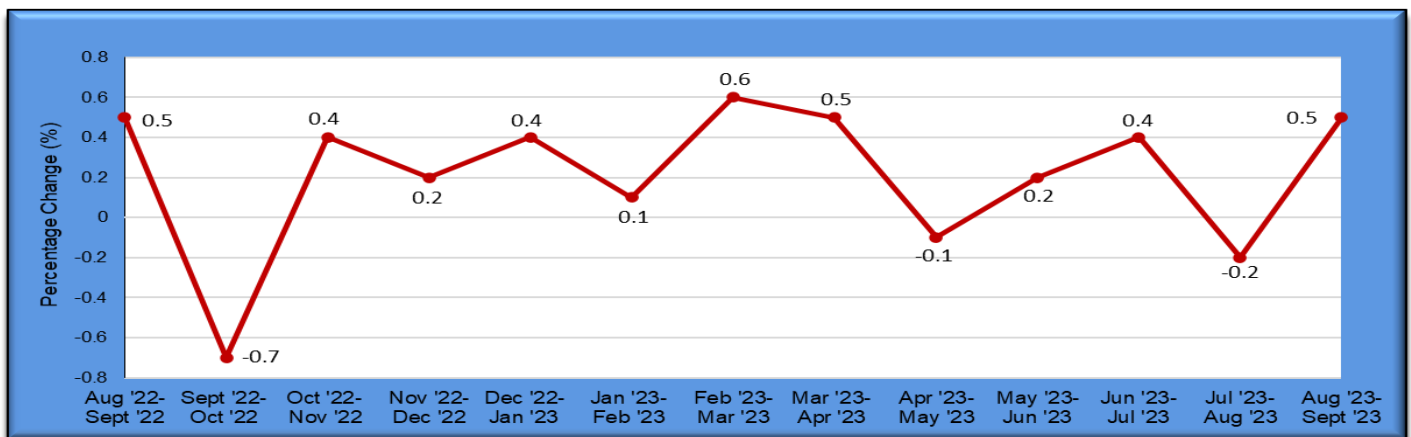
Fuel & Power

The Fuel & Power sector was static for the month.

Clothing & Footwear

The Clothing & Footwear sector was unchanged.

MONTH-OVER-MONTH PERCENTAGE CHANGE IN ALL ITEMS INDEX (April 2015 = 100)



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	1,000	115	267	25	31	39	116	130	147	130
ANNUAL AVERAGE PERCENTAGE CHANGE										
2018	+1.4	+2.1	+0.2	+1.6	+4.2	+5.9	-0.2	+0.2	+2.1	+3.1
2019	+1.0	+2.7	+0.9	+1.9	+3.8	+1.0	Nil	-3.0	+0.4	+3.4
2020	Nil	+3.0	-1.8	+0.9	+2.4	-1.8	+0.3	-4.5	+1.1	+2.9
2021	+1.5	+1.9	-0.3	+0.9	-0.6	-5.0	+1.7	+6.3 ^r	+1.9 ^r	+2.3
2022	+4.0	+7.9	+0.3	+2.2	+0.5	+11.3 ^r	+2.9	+7.6	+4.4	+4.0
^r Revision										
MONTHLY PERCENTAGE CHANGE										
2022										
Sept	+0.5	+1.3	+0.3	Nil	-0.1	Nil	+0.2	+0.9	+0.9	Nil
Oct	-0.7	-0.1	Nil	+1.6	+0.2	-4.1	+0.5	-4.6	+0.1	Nil
Nov	+0.4	+1.8	+0.1	Nil	-0.2	Nil	+0.1	+0.7	Nil	+0.1
Dec	+0.2	-0.1	+0.1	Nil	Nil	Nil	+0.5	+1.3	Nil	-0.1
2023										
Jan	+0.4	+0.6	Nil	+0.4	+1.3	-3.9	+0.3	+2.7	-0.1	+0.1
Feb	+0.1	-0.2	+0.6	Nil	-0.1	Nil	Nil	-0.3	+0.5	-0.1
Mar	+0.6	+0.3	+0.1	Nil	+3.5	Nil	+0.1	+2.2	+0.8	Nil
Apr	+0.5	+0.4	+0.1	-2.2	+1.1	+0.5	+0.1	+1.0	+0.1	+2.0
May	-0.1	-0.2	+0.1	Nil	+0.1	Nil	Nil	-0.9	+0.3	+0.1
Jun	+0.2	+0.6	+0.3	Nil	+0.1	Nil	Nil	-1.0	+0.4	+0.2
Jul	+0.4	+0.2	+0.2	-0.1	-0.3	+2.9	+0.2	+2.0	Nil	-0.1
Aug	-0.2	+0.7	+0.2	Nil	+0.4	Nil	Nil	-2.1	+0.1	Nil
Sept	+0.5	+0.2	+0.4	Nil	+0.4	Nil	+0.1	+1.3	+1.1	Nil
MONTHLY INDEX										
2022										
Sept	113.4	127.8	100.8	110.7	125.1	118.7	109.1	111.5	118.1	122.9
Oct	112.6	127.7	100.8	112.5	125.3	113.8	109.6	106.4	118.2	122.9
Nov	113.1	130.0	100.9	112.5	125.1	113.8	109.7	107.1	118.2	123.0
Dec	113.3	129.9	101.0	112.5	125.1	113.8	110.3	108.5	118.2	122.9
2023										
Jan	113.7	130.7	101.0	113.0	126.7	109.4	110.6	111.4	118.1	123.0
Feb	113.8	130.4	101.6	113.0	126.6	109.4	110.6	111.1	118.7	122.9
Mar	114.5	130.8	101.7	113.0	131.0	109.4	110.7	113.5	119.7	122.9
Apr	115.1	131.3	101.8	110.5	132.5	110.0	110.8	114.6	119.8	125.4
May	115.0	131.1	101.9	110.5	132.6	110.0	110.8	113.6	120.1	125.5
Jun	115.2	131.9	102.2	110.5	132.7	110.0	110.8	112.5	120.6	125.7
Jul	115.7	132.2	102.4	110.4	132.3	113.2	111.0	114.8	120.6	125.6
Aug	115.5	133.1	102.6	110.4	132.8	113.2	111.0	112.4	120.7	125.6
Sept	116.1	133.4	103.0	110.4	133.3	113.2	111.1	113.9	122.0	125.6
ANNUAL PERCENTAGE CHANGE										
Sept '23										
Sept '22	+2.4	+4.4	+2.2	-0.3	+6.6	-4.6	+1.8	+2.2	+3.3	+2.2

SUMMARY STATISTICS		
Period	Monthly	
	Index	Annual Per Cent Change
2022		
Sept	113.4	+5.1
Oct	112.6	+3.8
Nov	113.1	+3.8
Dec	113.3	+4.1
2023		
Jan	113.7	+4.5
Feb	113.8	+4.2
Mar	114.5	+4.5
Apr	115.1	+3.8
May	115.0	+3.1
Jun	115.2	+2.7
Jul	115.7	+2.8
Aug	115.5	+2.4
Sept	116.1	+2.4

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/bermuda-business-statistics>.

A) Month-to-Month Price Change

The price change between February 2022 and January 2022 is calculated as follows:

$$= \frac{\text{Feb 22 index} - \text{Jan 22 index}}{\text{Jan 22 index}} \times 100$$

$$= \frac{109.0 - 108.6}{108.6} \times 100$$

$$= 0.4\%$$

B) Year-to-Year Price Change

The price change between March 2022 and March 2021 is calculated as follows:

$$= \frac{\text{Mar 22 index} - \text{Mar 21 index}}{\text{Mar 21 index}} \times 100$$

$$= \frac{109.4 - 106.7}{106.7} \times 100$$

$$= 2.5\%$$

C) Particular Period Price Change

The price change between February 2022 and March 2020 is calculated as follows:

$$= \frac{\text{Feb 22 index} - \text{Mar 20 index}}{\text{Mar 20 index}} \times 100$$

$$= \frac{109.0 - 105.9}{105.9} \times 100$$

$$= 2.9\%$$

WHAT IS THE CONSUMER PRICE INDEX?

The 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, is 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 period 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. An index number alone 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 per cent.

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.

February 2024

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