



## ADVISORY TO USERS

With effect from the May 2015 publication the consumer price index shopping basket will be based on household spending allocations from the 2013 Household Expenditure Survey. The weights published at the top of the third page will reflect this change. Index numbers for all sectors of expenditure will be rebased to April 2015.

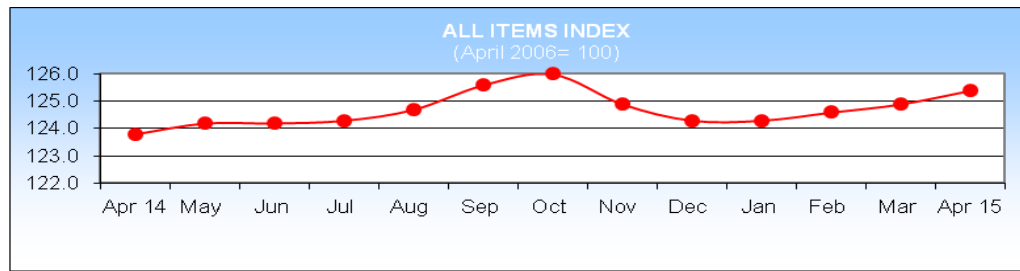
Between March 2015 and April 2015, the average cost of goods and services in the Consumer Price Index rose 1.0 per cent. The all-items index climbed to 126.0 index points in March. This means that the basket of goods and services that cost \$100.00 in April 2006 now cost \$126.00.

## INFLATION RISES

Consumers paid 1.8 per cent more in April 2015 than they did a year ago for the basket of goods and services included in the Consumer Price Index (CPI). The level of inflation increased 0.6 percentage points from the 1.2 per cent measured in March 2015.

## YEAR-TO-YEAR ANALYSIS

The Health & Personal Care sector was the largest contributor to the year-over-year increase in the consumer price index, increasing 8.5 per cent.



**Inflation  
Rate  
1.8%**

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
<b>2014</b>			<b>2013</b>		
Apr	123.8	+1.9	Q1	120.6	+2.0
May	124.2	+2.1	Q2	121.7	+1.8
Jun	124.2	+1.8	Q3	122.3	+1.7
Jul	124.3	+1.9	Q4	122.4	+1.6
Aug	124.7	+2.1			
Sep	125.6	+2.4	<b>2014</b>		
Oct	126.0	+2.6	Q1	122.8	+1.8
Nov	124.9	+2.3	Q2	124.1	+2.0
Dec	124.3	+1.5	Q3	124.9	+2.1
			Q4	125.1	+2.2
<b>2015</b>			<b>2015</b>		
Jan	124.3	+1.4	Q1	124.6	+1.5
Feb	124.6	+1.6			
Mar	124.8	+1.2			
Apr	126.0	+1.8			

**MONTH-TO-MONTH ANALYSIS**

**Health & Personal Care**

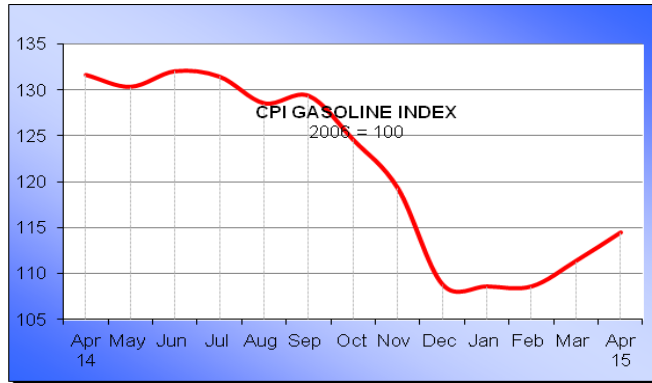
A 9.8 per cent surge in the average cost of health insurance premiums caused the Health and Personal Care sector to increase 6.5 in April. In addition, self-prescribed medicines & household medical supply prices increased 1.0 per cent for the month.

**Rent**

The Rent sector increased 0.2 per cent in April. Average rental prices for properties not under rent control increased by 0.3 per cent.

**Transport & Vehicles**

The Transport & Vehicle sector increased 0.4 per cent in April, following an increase of 0.7 per cent in March. Bus and ferry fares jumped 22.6 per cent in April. In addition, the average price of premium fuel rose 2.8 per cent.



**Clothing & Footwear**

The Clothing & Footwear sector increased 0.5 per cent in April. The average cost of footwear increased 3.6 per cent.

**Tobacco & Liquor**

The Tobacco & Liquor sector rose 0.4 per cent in April following a 0.1 per cent increase in March. The average cost of cigarettes increased 1.3 per cent.

**Household Goods, Services & Communications**

The Household Goods, Services & Communications sector edged up 0.1 per cent in April. The average price of detergents & bleaches increased 2.6 per cent. In contrast, the average cost of cleaning materials decreased 0.1 per cent.

**Education, Recreation & Reading**

The Education, Recreation & Reading sector moved up 0.1 per cent in April. Average costs of sports facility fees increased 4.7 per cent.

**Fuel & Power**

The Fuel & Power sector was unchanged in April.

**Food**

The Food sector was static in April. A 2.4 per cent increase in the average cost of pasta was offset by a 2.4 per cent decrease in the average cost of fresh and frozen chicken.

**COMPUTING PRICE INCREASES**

The Department of Statistics receives numerous 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 [www.statistics.gov.bm](http://www.statistics.gov.bm).

**A) Month-to-Month Price Change**

The price change between November and December, 2013 is calculated as follows:

$$= \frac{\text{Dec 14 index} - \text{Nov 14 index}}{\text{Nov 14 index}} \times 100$$

$$= \frac{124.3 - 124.9}{124.9} \times 100$$

$$= -0.5\%$$

**B) Year-to-Year Price Change**

The price change between December 2012 and December, 2013 is calculated as follows:

$$= \frac{\text{Dec 14 index} - \text{Dec 13 index}}{\text{Dec 13 index}} \times 100$$

$$= \frac{124.3 - 122.4}{122.4} \times 100$$

$$= 1.6\%$$

**C) Particular Period Price Change**

The price change between February 2010 and January, 2014 is calculated as follows:

$$= \frac{\text{Jan 15 index} - \text{Feb 10 index}}{\text{Feb 10 index}} \times 100$$

$$= \frac{124.3 - 111.7}{111.7} \times 100$$

$$= 11.3\%$$

# BERMUDA CONSUMER PRICE INDEX

**APRIL 2006 = 100**

	All Items	Food	Rent	Clothing & Footwear	Tobacco & Liquor	Fuel & Power	Household Goods, Services & Communications	Transport & Vehicles	Education, Recreation & Reading	Health & Personal Care
<b>2004 WEIGHT</b>	1000	146	325	37	20	30	140	139	71	92
<b>ANNUAL AVERAGE ( per cent)</b>										
<b>2010</b>	+2.4	+3.0	+1.3	+2.4	+1.9	-0.8	+1.6	+1.8	+2.5	+8.1
<b>2011</b>	+2.7	+2.3	+1.1	+5.7	+3.1	+11.3	+2.0	+0.6	+2.6	+7.5
<b>2012</b>	+2.4	+3.5	+0.2	+4.3	+2.5	+9.3	+1.0	+1.6	+2.7	+6.6
<b>2013</b>	+1.8	+3.0	-0.3	+0.1	+4.4	-1.9	+0.5	+1.4	+2.5	+8.3
<b>2014</b>	+2.0	+3.1	+0.8	+2.0	+2.4	-2.4	+0.8	+1.7	+1.9	+6.7
<b>MONTHLY ( per cent)</b>										
<b>2013</b>										
Apr	+0.5	+0.4	-0.3	+0.8	+1.7	Nil	Nil	-1.9	Nil	+6.3
May	+0.1	-0.4	Nil	Nil	+2.0	-2.7	+0.1	+1.2	Nil	+0.7
Jun	+0.3	+0.1	Nil	Nil	+0.4	+1.8	-0.1	+1.6	-0.1	+0.1
Jul	Nil	+0.3	+0.2	+0.2	+0.1	Nil	+0.1	-1.8	-0.1	+0.1
Aug	+0.1	+0.8	+0.1	Nil	+0.1	+0.9	+0.4	-0.5	+0.1	Nil
Sep	+0.4	+0.2	Nil	Nil	-0.1	+0.8	-0.1	+2.2	+1.6	Nil
Oct	+0.1	-0.1	+0.1	+1.0	Nil	-0.8	+0.1	+0.5	-0.1	+0.4
Nov	-0.6	-0.4	Nil	+0.2	+0.4	-2.7	Nil	-3.2	-0.1	Nil
Dec	+0.3	-0.8	+0.1	Nil	+0.1	Nil	Nil	+2.6	+0.1	+0.1
<b>2014</b>										
Jan	+0.1	+1.5	+0.5	+0.7	+0.4	-2.9	Nil	-1.7	-0.1	Nil
Feb	+0.1	+0.3	Nil	Nil	-0.1	-2.1	Nil	+1.2	+0.2	-0.1
Mar	+0.5	+1.2	Nil	Nil	Nil	+2.1	+0.1	+2.0	Nil	Nil
Apr	+0.4	-0.2	+0.1	-0.3	+0.4	+1.1	Nil	-2.4	+0.2	+5.3
May	+0.3	-0.2	Nil	Nil	+0.1	+0.8	Nil	+2.6	+0.1	Nil
Jun	Nil	+0.2	+0.1	Nil	+0.1	+0.7	+0.5	-1.2	+0.1	+0.1
Jul	Nil	+0.7	Nil	+0.2	+0.1	+1.8	+0.2	-1.4	+0.1	+0.1
Aug	0.3	+0.7	Nil	Nil	-0.1	+1.3	Nil	+1.4	+0.1	Nil
Sep	0.7	+0.1	+0.1	Nil	Nil	+0.8	Nil	+4.3	+1.5	+0.1
Oct	0.3	+0.1	Nil	+0.5	+0.1	-2.6	+0.1	+1.0	-0.1	+1.7
Nov	-0.9	Nil	Nil	Nil	+0.1	Nil	+0.1	-7.2	Nil	Nil
Dec	-0.5	-0.7	Nil	Nil	-0.1	-9.0	Nil	Nil	-0.1	-0.1
<b>2015</b>										
Jan	Nil	1.3	+0.1	+0.2	+0.3	-2.5	+0.4	-1.7	Nil	+0.1
Feb	+0.2	+0.2	Nil	Nil	+0.1	Nil	Nil	+1.9	-0.6	Nil
Mar	+0.2	+0.3	+0.1	Nil	+0.1	+1.3	Nil	+0.7	-0.1	Nil
Apr	+1.0	Nil	+0.2	+0.5	+0.4	Nil	+0.1	+0.4	+0.1	+6.5
<b>Apr '15</b>	<b>126.0</b>	<b>137.0</b>	<b>112.0</b>	<b>124.2</b>	<b>138.2</b>	<b>139.7</b>	<b>113.2</b>	<b>109.6</b>	<b>133.2</b>	<b>189.2</b>
<u>Apr '15</u> Apr '14	<b>+1.8</b>	<b>+2.9</b>	<b>+0.5</b>	<b>+1.4</b>	<b>+1.2</b>	<b>-7.5</b>	<b>+1.4</b>	<b>+0.3</b>	<b>+1.1</b>	<b>+8.5</b>

## 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 & Vehicles
- Household Goods, Services & Communications
- Education, Recreation & 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 2006.

### 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 79.1 for January 1998 with 82.9 for January 2000, reveals that prices have increased by 4.8 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 2006.

## 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 Consumer Price Index (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

	2011	2012	2013	2014	Apr 15
<b>Bermuda</b>	2.7	2.4	1.8	2.0	+1.8
<b>United States<sup>1</sup></b>	3.0	1.7	1.5	0.8	-0.2
<b>Canada<sup>2</sup></b>	2.9	1.5	0.9	1.9	+0.8
<b>United Kingdom<sup>3</sup></b>	5.2	3.2	3.0	2.4	+0.9

### Sources:

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

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