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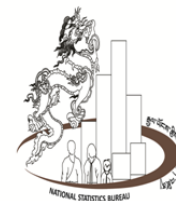
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རྒྱལ་ཡོངས་ཚིས་དཔྱད་བཀོད་འཛིན།



**MONTHLY  
CONSUMER PRICE INDEX (CPI)BULLETIN  
SEPTEMBER 2013**

**ECONOMIC STATISTICS DIVISION  
NATIONAL STATISTICS BUREAU**

**Catalogue No. 103**

## **7. Sample Outlets**

Sample outlets are permanent establishments or retail shops from which monthly price of goods and services are collected or quoted. These include groceries, clothing and footwear, restaurants, hardware shops, vegetable markets and service providers etc. The outlets are selected based on a set of pre-determined criteria. For current CPI, prices are collected from a sample of 557 outlets. Special procedures apply to replace the outlets or the items, if they are no longer available or sold in or by the outlet.

## **8. Data Collection Method**

Prices are collected online from the sampled outlets by price collectors using mobile application devices once every month. Each price collected reflects the out-of-pocket expenditure a consumer makes in order to assume the ownership of a good or service. Price collected is the purchaser's price, which includes the marked price plus any taxes or surcharges.

## 6. Market Basket

Market basket refers to a sample of goods and services which is representative of all goods and services purchased by the households. The present market basket has 438 items, as compared to 363 items in the previous CPI basket. The new re-based CPI uses the Classification of Individual Consumption According to Purpose (COICOP). The 12 major groups are:

1. Food and Non-Alcoholics Beverages;
2. Alcoholic Beverages & Narcotics;
3. Clothing and Footwear;
4. Housing, Water, Electricity, Gas and Other Fuels;
5. Furnishing, Household Equipment and Routine Household Maintenance;
6. Health;
7. Transport;
8. Communication;
9. Recreation and Culture;
10. Education;
11. Restaurant and Hotels;
12. Miscellaneous Goods and Services.

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## 5. Index Calculation Formula

Geometric Modified Laspeyres formula is used to calculate the CPI:

$$P_{GYo} = \prod_{i=1}^n \left( \frac{P_i^t}{P_i^o} \right)^{S_i^b}$$

$S_i^b$  = Expenditure Shares of the Base Period (weights from BLSS)

$P_i^t$  = Current Period Price

$P_i^o$  = Previous Period Price

$\left( \frac{P_i^t}{P_i^o} \right)$  = Price Relatives

#### **4. Reference Period**

There is no single “base period” for a price index. It can mean different things to different users. In practice, there are three “reference periods” used.

- ◆ Weight Reference Period is the period during which household consumption values are collected. The weight-reference period for the new rebased CPI is 2012, that is, the period when the BLSS was conducted.
- ◆ Index Reference Period is the period when the index is set to 100. In the new CPI, the index reference period is December 2012.
- ◆ Price Reference Period is the period of the first price of each product used to calculate the elementary indices (indices for individual CPI items). The price reference period for the new CPI is the fourth Quarter 2012.

#### **FOREWORD**

National Statistics Bureau (NSB) is pleased to release the Consumer Price Index (CPI) Bulletin for September 2013. This is the 4<sup>th</sup> series of monthly CPI Bulletin published by Economic Statistics Division, NSB.

The Bulletin is compiled using December 2012 as the price reference period and tracks the price movements of 438 commodities and services in 20 districts and 2 major urban areas. The rebased CPI uses the Geometric Modified Laspeyres formula, and has separate indices for domestic and imported goods and services.

We thank all agencies and stakeholders for their support in bringing out this bulletin and look forward for their continued support.

November 2013

National Statistics Bureau

| Table 1. Year on Year Inflation |         |                           |        |     |        |        |        |       |       |       |       |                |      |      |
|---------------------------------|---------|---------------------------|--------|-----|--------|--------|--------|-------|-------|-------|-------|----------------|------|------|
| Group                           | Weights | Index (December 2012=100) |        |     |        |        |        |       |       |       |       | Percent Change |      |      |
|                                 |         | 2012                      |        |     |        | 2013   |        |       |       | 2012  |       |                |      | 2013 |
|                                 |         | Q2                        | Q3     | Q4  | Q1     | Q2     | Q3     | Q4    | Q1    | Q2    | Q3    | Q4             | Q1   |      |
| Food                            | 39.92   | 101.99                    | 100.21 | 100 | 101.31 | 104.86 | 109.64 | 11.40 | 18.72 | 13.87 | 11.80 | 7.86           | 2.81 | 9.41 |
| Non-Food                        | 60.08   | 98.22                     | 99.52  | 100 | 102.27 | 105.23 | 108.37 | 8.39  | 10.67 | 9.67  | 8.30  | 8.66           | 7.14 | 8.89 |
| Overall                         | 100     | 99.59                     | 99.77  | 100 | 101.92 | 105.08 | 108.87 | 9.46  | 13.53 | 11.17 | 9.54  | 8.37           | 5.51 | 9.12 |

| Table 1.1 Year on Year Percent Change: Group Level                   |         |                           |        |     |        |        |        |       |       |       |       |                |       |       |
|--|---------|---------------------------|--------|-----|--------|--------|--------|-------|-------|-------|-------|----------------|-------|-------|
| 12 Major Groups  | Weights | Index (December 2012=100) |        |     |        |        |        |       |       |       |       | Percent Change |       |       |
|  |         | 2012                      |        |     |        | 2013   |        |       |       | 2012  |       |                |       | 2013  |
|  |         | Q2                        | Q3     | Q4  | Q1     | Q2     | Q3     | Q4    | Q1    | Q2    | Q3    | Q4             | Q1    |       |
| FOOD AND NON-ALCOHOLIC BEVERAGES                                     | 36.88   | 101.84                    | 100.24 | 100 | 101.01 | 104.25 | 108.63 | 10.27 | 18.35 | 14.36 | 12.48 | 8.32           | 2.37  | 8.37  |
| ALCOHOLIC BEVERAGES AND NARCOTICS                                    | 3.03    | 104.06                    | 99.76  | 100 | 105.51 | 112.54 | 122.76 | 27.73 | 24.07 | 7.48  | 3.21  | 1.99           | 8.14  | 23.05 |
| CLOTHING AND FOOTWEAR  | 9.20    | 97.35                     | 99.24  | 100 | 102.86 | 107.75 | 112.66 | 13.83 | 21.11 | 17.83 | 15.25 | 16.20          | 10.68 | 13.52 |
| HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS                     | 21.70   | 97.76                     | 99.41  | 100 | 102.08 | 104.72 | 109.53 | 5.78  | 6.91  | 7.36  | 5.76  | 6.82           | 7.11  | 10.18 |
| FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE MAINTENANCE OF THE HOUSE | 2.22    | 99.73                     | 99.94  | 100 | 101.96 | 113.93 | 117.23 | 18.69 | 27.23 | 19.46 | 18.76 | 8.66           | 14.24 | 17.29 |
| HEALTH   | 4.67    | 97.18                     | 99.22  | 100 | 100.00 | 103.06 | 104.57 | 4.57  | 7.14  | 8.43  | 6.97  | 5.81           | 6.05  | 5.39  |
| TRANSPORT  | 11.98   | 99.71                     | 99.89  | 100 | 101.11 | 103.14 | 103.99 | 9.52  | 3.11  | 2.39  | 1.31  | 2.09           | 3.44  | 4.10  |
| COMMUNICATION  | 3.03    | 102.62                    | 99.98  | 100 | 100.00 | 100.30 | 100.22 | -0.58 | -1.46 | -4.16 | -4.89 | -4.22          | -2.26 | 0.24  |
| RECREATIONAL AND CULTURE   | 2.35    | 99.89                     | 100.01 | 100 | 100.61 | 107.65 | 108.46 | 9.76  | 13.83 | 12.87 | 11.53 | 9.68           | 7.77  | 8.45  |
| EDUCATION  | 1.64    | 100.00                    | 100.00 | 100 | 100.00 | 108.35 | 109.63 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00           | 8.35  | 9.63  |
| RESTAURANTS AND HOTELS   | 1.24    | 94.36                     | 99.15  | 100 | 112.73 | 107.79 | 111.80 | 7.10  | 6.21  | 9.39  | 10.27 | 23.24          | 14.23 | 12.77 |
| MISCELLANEOUS GOODS AND SERVICES                                     | 2.06    | 97.50                     | 99.40  | 100 | 101.46 | 108.70 | 113.10 | 7.58  | 18.93 | 17.19 | 16.52 | 17.61          | 11.48 | 13.78 |
| All  | 100.00  | 99.59                     | 99.77  | 100 | 101.92 | 105.08 | 108.86 | 9.46  | 13.53 | 11.17 | 9.54  | 8.37           | 5.51  | 9.11  |

### 3. Weights

The weights reflect the relative importance or contribution to the total consumption expenditures of all households. It is determined using the spending patterns of households during some previous weight reference period.

It is important the weights reflect the currency of the household consumption patterns. The more current the weights, the more reflective they are of current consumer spending patterns. The international standards recommend rebasing CPI every 5 years.

The current CPI weights were updated in 2012 following the conduct of the Bhutan Living Standard Survey (BLLS) in March – May 2012. Expenditure details were broken down into imported and domestic goods to calculate domestic and imported inflation separately.

## TECHNICAL NOTES

### 1. Concept and Definition of CPI

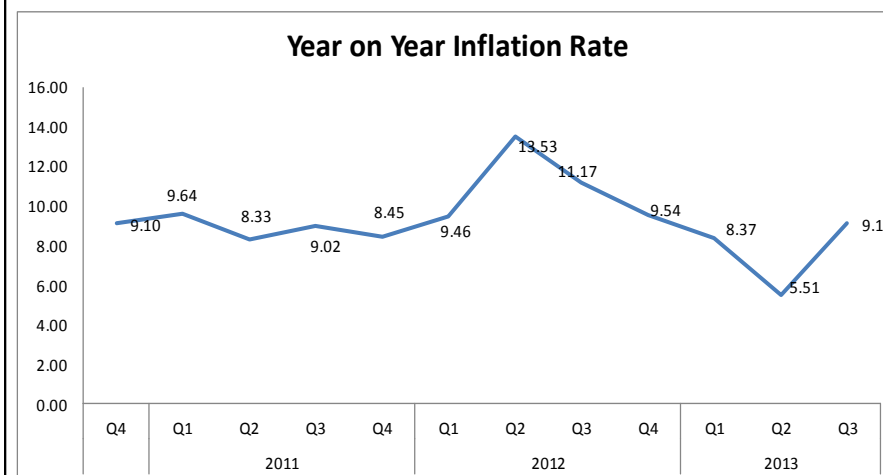
The Consumer Price Index (CPI) is a measure of changes in the average retail prices of a market basket of goods and services purchased by households for day-to-day living. It shows how much, on average, prices of goods and services have increased or decreased from a particular reference period, commonly known as the base period.

### 2. Uses of CPI

CPI is used:

- ◆ As an economic indicator: - CPI is one of the major indicators that determine the effectiveness of an economic policy. It is used to formulate fiscal and monetary policies and monitor their effect on the overall economy. Business executives, labor leaders, and other private citizens use CPI as a guide to make economic decisions.
- ◆ As a means of adjusting income payments: -Many collective bargaining agreements use CPI to determine wage rates, and index various payments to adjust the effects of inflation.
- ◆ As a deflator of economic series: - CPI or its components is used as a deflator to adjust for price changes in various economic data series (e.g., GDP).

**Graph 1: Year-on-Year Inflation**



### Year-on-Year Inflation

The annual inflation for the third quarter 2013 [*i.e., from Q3 2012 to Q3 2013*] recorded 9.12 percent. This is 2.05 percentage points less, as compared to 11.17 percent in the third quarter of 2012. However, the annual inflation, as compared to Q2 2013 which was 5.51 percent, has increased by 3.61 percentage points.

The major contribution to the overall increase came from:

- ◆ Alcoholic beverages & narcotics with 23.05 percent;
- ◆ Clothing & footwear with 13.52 percent;
- ◆ Housing, electricity, water and fuel groups with 10.18 percent;
- ◆ Food and non-alcoholic beverages with 8.37 percent;

**Table 2. Month-on-Month Index & Percent Change in the CPI: National**

|                                    |  | 2013    |                           |        |        |        |        |        |        |        |        |      |      |       |           |      |      |      |       |      |
|------------------------------------|--|---------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|-----------|------|------|------|-------|------|
| Group                              |  | Weights | Index (December 2012=100) |        |        |        |        |        |        |        |        |      |      |       | Change(%) |      |      |      |       |      |
|                                    |  |         | Jan                       | Feb    | Mar    | April  | May    | June   | July   | Aug    | Sep    | Jan  | Feb  | March | April     | May  | June | July | Aug   | Sep  |
| Food                               |  | 39.92   | 101.31                    | 102.35 | 102.46 | 104.16 | 104.27 | 106.14 | 107.97 | 109.78 | 111.17 | 1.31 | 1.02 | 0.11  | 1.65      | 0.11 | 1.79 | 1.72 | 1.68  | 1.27 |
| Non-Food                           |  | 60.08   | 102.59                    | 103.12 | 104.03 | 104.49 | 104.97 | 106.23 | 108.88 | 107.85 | 108.40 | 2.59 | 0.51 | 0.88  | 0.45      | 0.46 | 1.20 | 2.49 | -0.94 | 0.51 |
| Total                              |  | 100     | 102.08                    | 102.81 | 103.40 | 104.36 | 104.69 | 106.19 | 108.51 | 108.61 | 109.50 | 2.08 | 0.71 | 0.57  | 0.93      | 0.32 | 1.43 | 2.18 | 0.09  | 0.81 |
| Purchasing Power of Ngultrum (Nu.) |  |         | 98                        | 97     | 97     | 96     | 96     | 94     | 92     | 92     | 91     |      |      |       |           |      |      |      |       |      |

**Table 2.1. Month-on-Month Index & Percent Change: Domestic**

| Group    | Weights | 2013                      |        |        |        |        |        |        |        |        |      |      |       |           |       |      |      |      |      |
|----------|---------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|-----------|-------|------|------|------|------|
|          |         | Index (December 2012=100) |        |        |        |        |        |        |        |        |      |      |       | Change(%) |       |      |      |      |      |
|          |         | Jan                       | Feb    | Mar    | Apr    | May    | June   | July   | Aug    | Sep    | Jan  | Feb  | Mar   | Apr       | May   | June | July | Aug  | Sep  |
| Food     | 17.15   | 102.35                    | 104.05 | 103.50 | 103.92 | 103.77 | 105.41 | 107.76 | 109.70 | 111.56 | 2.35 | 1.66 | -0.52 | 0.40      | -0.14 | 1.58 | 2.23 | 1.80 | 1.70 |
| Non-Food | 30.24   | 103.40                    | 103.53 | 104.24 | 104.26 | 104.46 | 106.09 | 106.21 | 106.43 | 106.70 | 3.40 | 0.12 | 0.69  | 0.02      | 0.19  | 1.55 | 0.12 | 0.21 | 0.26 |
| Total    | 47.39   | 103.02                    | 103.72 | 103.97 | 104.14 | 104.21 | 105.84 | 106.77 | 107.60 | 108.44 | 3.02 | 0.68 | 0.25  | 0.16      | 0.07  | 1.56 | 0.87 | 0.78 | 0.78 |

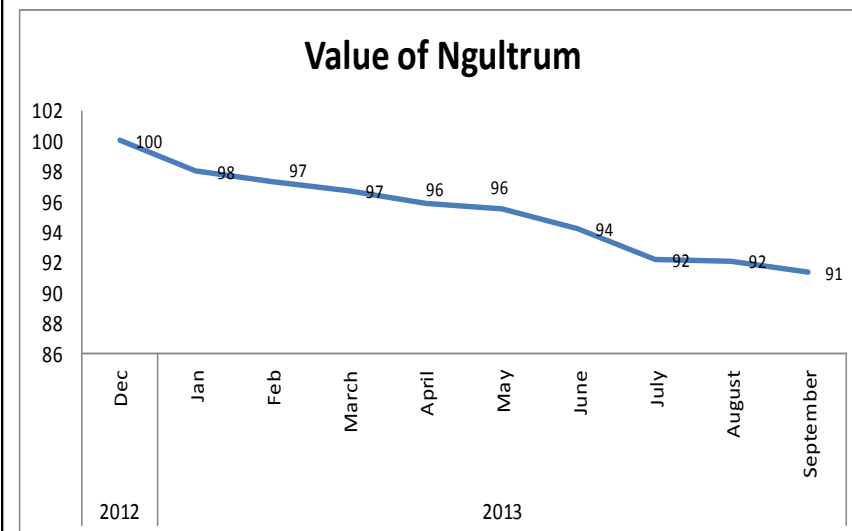
**Table 2.2. Month-on-Month Index & Percent Change: Import**

| Group    |  | Weights | Index (December 2012=100) |        |        |        |        |        |        |        |        |      |      |       | Change (%) |      |      |      |       |      |  |  |  |  |  |  |
|----------|--|---------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|------------|------|------|------|-------|------|--|--|--|--|--|--|
|          |  |         | Jan                       | Feb    | Mar    | Apr    | May    | June   | July   | Aug    | Sep    | Jan  | Feb  | March | April      | May  | June | July | Aug   | Sep  |  |  |  |  |  |  |
| Food     |  | 22.77   | 100.54                    | 101.09 | 101.68 | 104.33 | 104.65 | 106.69 | 108.12 | 109.62 | 110.65 | 0.54 | 0.54 | 0.59  | 2.61       | 0.31 | 1.95 | 1.34 | 1.38  | 0.94 |  |  |  |  |  |  |
| Non-Food |  | 29.84   | 101.78                    | 102.70 | 103.81 | 104.72 | 105.49 | 106.38 | 111.65 | 109.30 | 110.14 | 1.78 | 0.91 | 1.08  | 0.88       | 0.74 | 0.84 | 4.95 | -2.10 | 0.77 |  |  |  |  |  |  |
| Total    |  | 52.61   | 101.24                    | 102.00 | 102.88 | 104.55 | 105.13 | 106.51 | 110.11 | 109.44 | 110.36 | 1.24 | 0.75 | 0.87  | 1.62       | 0.55 | 1.32 | 3.37 | -0.61 | 0.84 |  |  |  |  |  |  |

**Table 6. Purchasing Power of Ngultrum**

| 2012 | 2013 |     |       |       |     |      |      |        |           |
|------|------|-----|-------|-------|-----|------|------|--------|-----------|
| Dec  | Jan  | Feb | March | April | May | June | July | August | September |
| 100  | 98   | 97  | 97    | 96    | 96  | 94   | 92   | 92     | 91        |

**Graph 6: Purchasing Power of Ngultrum (PPN)**



The PPN, as measured by CPI, recorded 91 Ngultrum as of September 2013. This means, Ngultrum 100 in September 2013 is worth only Ngultrum 91 at December 2012 prices. The Ngultrum value has depreciated by 9 percent in the past 9 months due to price rise in the economy.

### **Month-on-Month Inflation: Non-food Group**

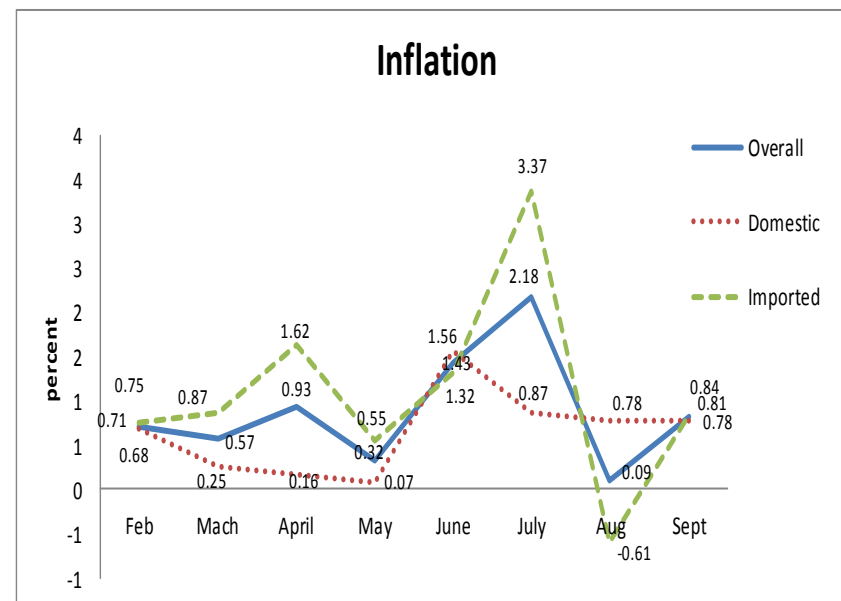
In the non-food group, catering services recorded the highest increase of 4.81 percent, followed by glassware, tableware & utensils by 2.61 percent and household textiles by 2.11 percent.

The following items however recorded monthly increase of less than 2 percent:

- Clothing (up 1.70 percent);
- Furniture & furnishing (up 1.45 percent);
- Household appliances (up 1.89 percent);
- Fuels and lubricants (up 1.66 percent) and;
- Personal effects (up 1.97 percent).

Non-food group saw an increase in the index by 0.51 percent (refer table 2) after recording a decrease in the month of August.

**Graph 2: Month-on-Month Inflation Rate: Overall, Domestic and Imported**



### **Month-on-Month Inflation**

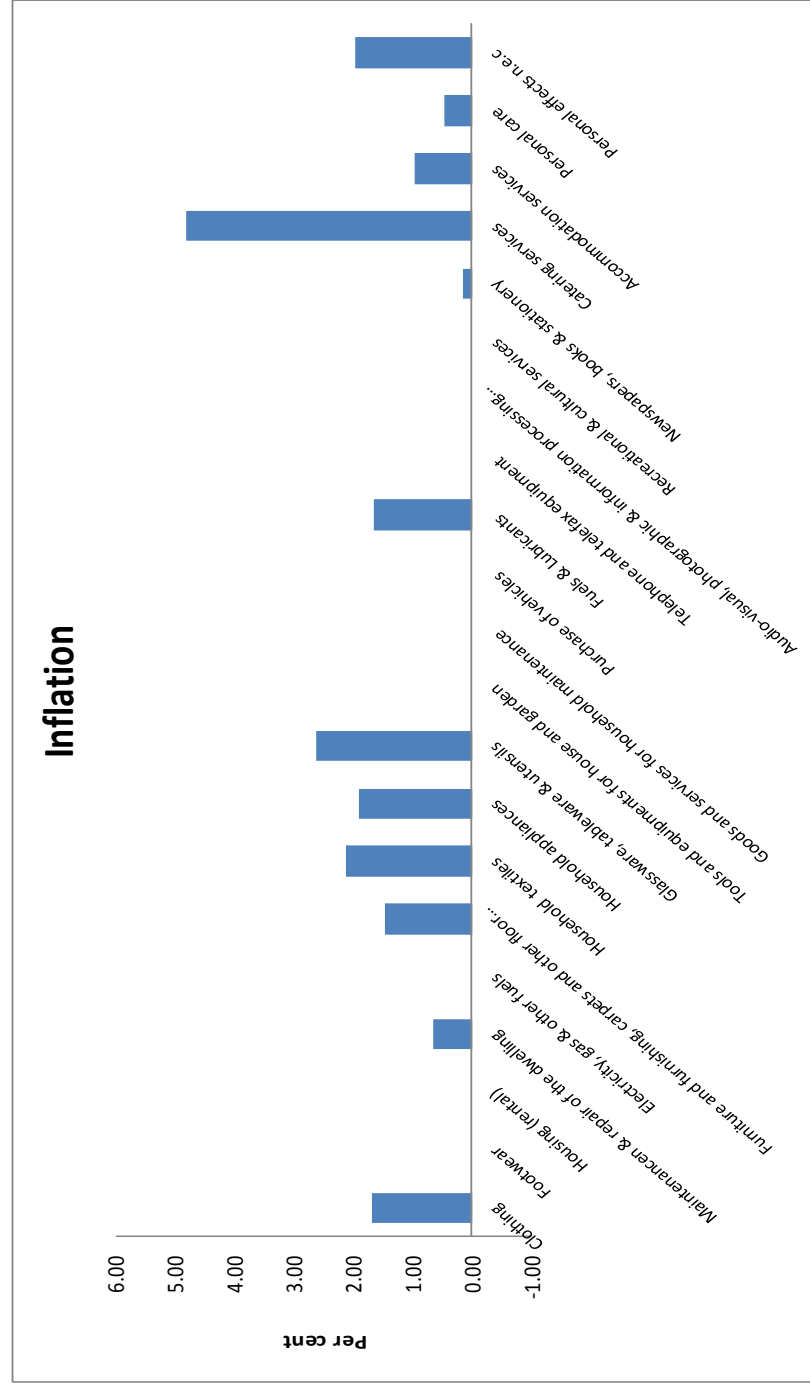
The CPI increased by 0.81 percent in September from August 2013. Domestic inflation recorded an increase of 0.78 percent while imported inflation recorded an increase of 0.84 percent.

Within the domestic goods and services, food prices increased by 1.70 percent and non-food group increased by 0.26 percent. In the imported category, food prices recorded an increase of 0.94 percent and non-food by 0.77 percent from August.

**Table 3. Month-on-Month Index & Percent Change: Group Level**

|  |        | 2013                      |        |        |        |        |        |        |        |        |      |           |       |       |       |       |      |       |      |
|--|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|-----------|-------|-------|-------|-------|------|-------|------|
| 12 Major Groups  | Weight | Index (December 2012=100) |        |        |        |        |        |        |        |        |      | Change(%) |       |       |       |       |      |       |      |
|  |        | Jan                       | Feb    | March  | April  | May    | June   | July   | Aug    | Sep    | Jan  | Feb       | March | April | May   | June  | July | Aug   | Sep  |
| FOOD AND NON-ALCOHOLIC BEVERAGES                                     | 36.88  | 101.19                    | 101.81 | 102.18 | 103.86 | 103.52 | 105.37 | 107.13 | 109.05 | 109.71 | 1.19 | 0.61      | 0.37  | 1.64  | -0.33 | 1.78  | 1.67 | 1.79  | 0.60 |
| ALCOHOLIC BEVERAGES AND NARCOTICS                                    | 3.03   | 102.81                    | 109.18 | 105.90 | 107.77 | 113.85 | 115.98 | 118.66 | 119.01 | 130.60 | 2.81 | 6.20      | -3.00 | 1.77  | 5.64  | 1.87  | 2.31 | 0.30  | 9.75 |
| CLOTHING AND FOOTWEAR  | 9.20   | 102.02                    | 104.38 | 105.46 | 106.52 | 107.58 | 109.16 | 109.40 | 113.64 | 114.94 | 2.02 | 2.31      | 1.04  | 1.00  | 0.99  | 1.48  | 0.22 | 3.87  | 1.15 |
| HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS                     | 21.70  | 103.29                    | 103.28 | 103.73 | 103.80 | 104.02 | 106.33 | 113.08 | 107.73 | 107.79 | 3.29 | -0.01     | 0.43  | 0.07  | 0.22  | 2.22  | 6.35 | -4.73 | 0.06 |
| FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE MAINTENANCE OF THE HOUSE | 2.22   | 105.11                    | 109.34 | 111.81 | 112.41 | 114.65 | 114.71 | 115.74 | 117.13 | 118.82 | 5.11 | 4.02      | 2.26  | 0.54  | 1.99  | 0.06  | 0.89 | 1.20  | 1.44 |
| HEALTH   | 4.67   | 100.19                    | 100.20 | 101.26 | 102.27 | 102.59 | 104.34 | 104.53 | 104.58 | 104.58 | 0.19 | 0.01      | 1.05  | 1.00  | 0.32  | 1.71  | 0.18 | 0.06  | 0.00 |
| TRANSPORT  | 11.98  | 102.77                    | 102.41 | 102.89 | 102.97 | 103.21 | 103.24 | 103.47 | 103.86 | 104.63 | 2.77 | -0.35     | 0.46  | 0.08  | 0.23  | 0.03  | 0.22 | 0.38  | 0.74 |
| COMMUNICATION  | 3.03   | 100.06                    | 100.16 | 100.17 | 100.20 | 100.52 | 100.18 | 100.22 | 100.22 | 100.22 | 0.06 | 0.10      | 0.01  | 0.03  | 0.32  | -0.34 | 0.04 | 0.00  | 0.00 |
| RECREATIONAL AND CULTURE   | 2.35   | 104.15                    | 105.16 | 106.12 | 107.66 | 107.43 | 107.87 | 108.10 | 108.60 | 108.66 | 4.15 | 0.97      | 0.91  | 1.46  | -0.22 | 0.41  | 0.22 | 0.46  | 0.05 |
| EDUCATION  | 1.64   | 100.00                    | 100.00 | 108.35 | 108.35 | 108.35 | 108.35 | 109.63 | 109.63 | 109.63 | 0.00 | 0.00      | 8.35  | 0.00  | 0.00  | 0.00  | 1.18 | 0.00  | 0.00 |
| RESTAURANTS AND HOTELS   | 1.24   | 103.09                    | 104.55 | 106.47 | 106.70 | 108.21 | 108.46 | 109.59 | 110.59 | 115.24 | 3.09 | 1.41      | 1.84  | 0.22  | 1.41  | 0.23  | 1.04 | 0.91  | 4.21 |
| MISCELLANEOUS GOODS AND SERVICES                                     | 2.06   | 103.44                    | 103.88 | 104.44 | 107.28 | 108.90 | 109.91 | 111.50 | 113.44 | 114.36 | 3.44 | 0.43      | 0.54  | 2.72  | 1.51  | 0.92  | 1.45 | 1.73  | 0.82 |

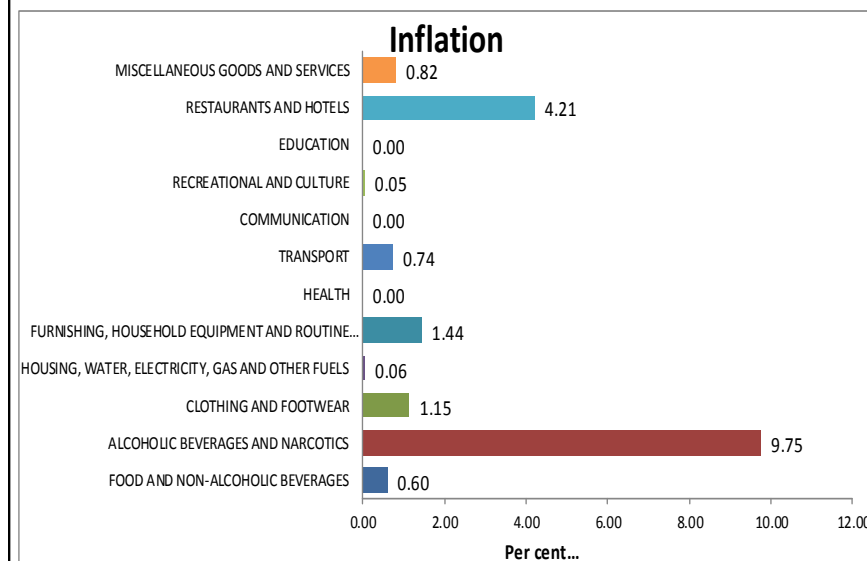
**Graph 5: Month-on-Month Inflation: Non-Food Group**



**Table 3. Month-on-Month Index & Percent Change: Group Level**

|  |        | 2013                      |        |        |        |        |        |        |        |        |      |       |       |           |       |       |      |       |      |
|--|--------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|-------|-----------|-------|-------|------|-------|------|
| 12 Major Groups  | Weight | Index (December 2012=100) |        |        |        |        |        |        |        |        |      |       |       | Change(%) |       |       |      |       |      |
|  |        | Jan                       | Feb    | March  | April  | May    | June   | July   | Aug    | Sep    | Jan  | Feb   | March | April     | May   | June  | July | Aug   | Sep  |
| FOOD AND NON-ALCOHOLIC BEVERAGES                                     | 36.88  | 101.19                    | 101.81 | 102.18 | 103.86 | 103.52 | 105.37 | 107.13 | 109.05 | 109.71 | 1.19 | 0.61  | 0.37  | 1.64      | -0.33 | 1.78  | 1.67 | 1.79  | 0.60 |
| ALCOHOLIC BEVERAGES AND NARCOTICS                                    | 3.03   | 102.81                    | 109.18 | 105.90 | 107.77 | 113.85 | 115.98 | 118.66 | 119.01 | 130.60 | 2.81 | 6.20  | -3.00 | 1.77      | 5.64  | 1.87  | 2.31 | 0.30  | 9.75 |
| CLOTHING AND FOOTWEAR  | 9.20   | 102.02                    | 104.38 | 105.46 | 106.52 | 107.58 | 109.16 | 109.40 | 113.64 | 114.94 | 2.02 | 2.31  | 1.04  | 1.00      | 0.99  | 1.48  | 0.22 | 3.87  | 1.15 |
| HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS                     | 21.70  | 103.29                    | 103.28 | 103.73 | 103.80 | 104.02 | 106.33 | 113.08 | 107.73 | 107.79 | 3.29 | -0.01 | 0.43  | 0.07      | 0.22  | 2.22  | 6.35 | -4.73 | 0.06 |
| FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE MAINTENANCE OF THE HOUSE | 2.22   | 105.11                    | 109.34 | 111.81 | 112.41 | 114.65 | 114.71 | 115.74 | 117.13 | 118.82 | 5.11 | 4.02  | 2.26  | 0.54      | 1.99  | 0.06  | 0.89 | 1.20  | 1.44 |
| HEALTH   | 4.67   | 100.19                    | 100.20 | 101.26 | 102.27 | 102.59 | 104.34 | 104.53 | 104.58 | 104.58 | 0.19 | 0.01  | 1.05  | 1.00      | 0.32  | 1.71  | 0.18 | 0.06  | 0.00 |
| TRANSPORT  | 11.98  | 102.77                    | 102.41 | 102.89 | 102.97 | 103.21 | 103.24 | 103.47 | 103.86 | 104.63 | 2.77 | -0.35 | 0.46  | 0.08      | 0.23  | 0.03  | 0.22 | 0.38  | 0.74 |
| COMMUNICATION  | 3.03   | 100.06                    | 100.16 | 100.17 | 100.20 | 100.52 | 100.18 | 100.22 | 100.22 | 100.22 | 0.06 | 0.10  | 0.01  | 0.03      | 0.32  | -0.34 | 0.04 | 0.00  | 0.00 |
| RECREATIONAL AND CULTURE   | 2.35   | 104.15                    | 105.16 | 106.12 | 107.66 | 107.43 | 107.87 | 108.10 | 108.60 | 108.66 | 4.15 | 0.97  | 0.91  | 1.46      | -0.22 | 0.41  | 0.22 | 0.46  | 0.05 |
| EDUCATION  | 1.64   | 100.00                    | 100.00 | 108.35 | 108.35 | 108.35 | 108.35 | 109.63 | 109.63 | 109.63 | 0.00 | 0.00  | 8.35  | 0.00      | 0.00  | 0.00  | 1.18 | 0.00  | 0.00 |
| RESTAURANTS AND HOTELS   | 1.24   | 103.09                    | 104.55 | 106.47 | 106.70 | 108.21 | 108.46 | 109.59 | 110.59 | 115.24 | 3.09 | 1.41  | 1.84  | 0.22      | 1.41  | 0.23  | 1.04 | 0.91  | 4.21 |
| MISCELLANEOUS GOODS AND SERVICES                                     | 2.06   | 103.44                    | 103.88 | 104.44 | 107.28 | 108.90 | 109.91 | 111.50 | 113.44 | 114.36 | 3.44 | 0.43  | 0.54  | 2.72      | 1.51  | 0.92  | 1.45 | 1.73  | 0.82 |

**Graph 3: Month-on-Month Inflation: 12 Major Groups Level**



### Month-on-Month Price Movements: 12 Major Groups Level

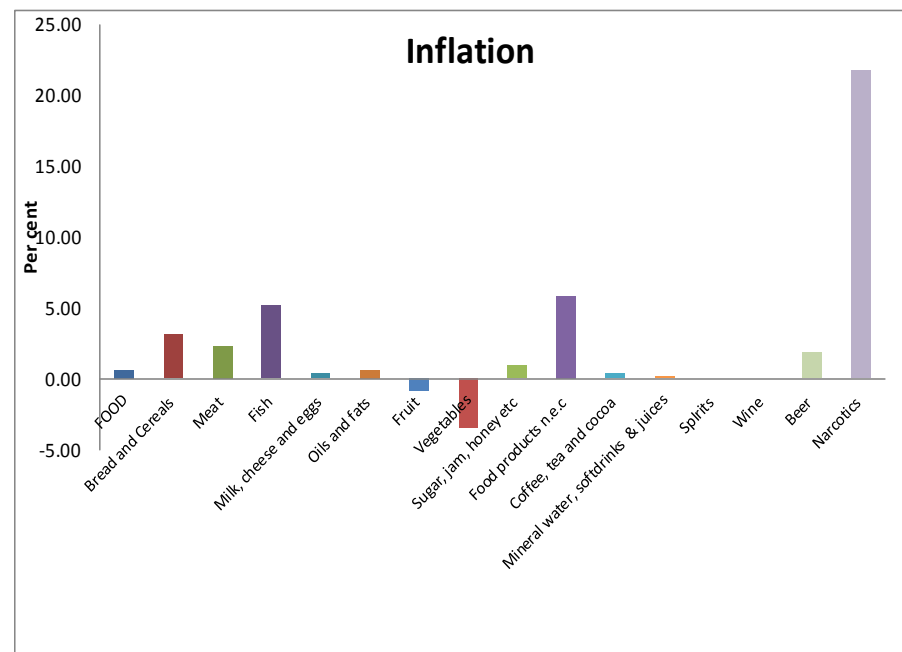
At the 12 major group level, alcoholic beverages & narcotics saw the highest increase by 9.75 percent, followed by restaurants and hotels with 4.21 percent, and furnishing and household equipments with 1.44 percent.

While there was no increase in the health, communication and education groups, the remaining groups recorded a slight increase of about 0.69 percent on average over the previous month.

Table 4. Month-on-Month Index &amp; Percent Change: Food Group

|                                    |         | 2013                      |        |        |        |        |        |        |        |        |       |           |       |       |       |       |       |      |       |
|------------------------------------|---------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-----------|-------|-------|-------|-------|-------|------|-------|
| Group                              | Weights | Index (December 2012=100) |        |        |        |        |        |        |        |        |       | Change(%) |       |       |       |       |       |      |       |
|                                    |         | Jan                       | Feb    | March  | April  | May    | June   | July   | Aug    | Sep    | Jan   | Feb       | March | April | May   | June  | July  | Aug  | Sep   |
|                                    |         |                           |        |        |        |        |        |        |        |        |       |           |       |       |       |       |       |      |       |
| FOOD                               | 39.92   | 101.17                    | 101.79 | 102.37 | 104.04 | 103.52 | 105.38 | 107.16 | 108.97 | 109.65 | 1.17  | 0.61      | 0.57  | 1.63  | -0.50 | 1.79  | 1.69  | 1.69 | 0.62  |
| Bread and Cereals                  | 9.72    | 102.26                    | 104.15 | 104.94 | 106.26 | 106.53 | 106.78 | 108.09 | 110.98 | 114.45 | 2.26  | 1.85      | 0.76  | 1.25  | 0.26  | 0.23  | 1.22  | 2.68 | 3.12  |
| Meat                               | 3.1     | 104.88                    | 104.90 | 105.57 | 104.54 | 108.07 | 109.48 | 109.66 | 112.80 | 115.38 | 4.88  | 0.02      | 0.63  | -0.98 | 3.38  | 1.30  | 0.16  | 2.86 | 2.29  |
| Fish                               | 1.06    | 103.48                    | 106.51 | 108.27 | 105.95 | 108.38 | 110.74 | 116.57 | 117.69 | 123.81 | 3.48  | 2.93      | 1.65  | -2.15 | 2.29  | 2.18  | 5.26  | 0.96 | 5.20  |
| Mlk, cheese and eggs               | 6.88    | 104.38                    | 104.92 | 104.97 | 105.37 | 104.93 | 105.59 | 106.85 | 107.36 | 107.76 | 4.38  | 0.51      | 0.06  | 0.38  | -0.42 | 0.62  | 1.20  | 0.47 | 0.37  |
| Oils and fats                      | 3.19    | 98.72                     | 102.64 | 104.50 | 103.93 | 103.12 | 103.72 | 108.42 | 108.42 | 109.08 | -1.28 | 3.98      | 1.82  | -0.55 | -0.78 | 0.58  | 4.53  | 0.00 | 0.61  |
| Fruit                              | 1.68    | 104.85                    | 110.45 | 110.32 | 103.90 | 106.54 | 105.98 | 103.87 | 104.60 | 103.69 | 4.85  | 5.34      | -0.12 | -5.81 | 2.54  | -0.52 | -1.99 | 0.70 | -0.88 |
| Vegetables                         | 7.83    | 95.62                     | 92.65  | 92.92  | 100.17 | 95.40  | 101.33 | 104.37 | 106.72 | 102.95 | -4.38 | -3.11     | 0.30  | 7.81  | -4.77 | 6.21  | 3.00  | 2.26 | -3.53 |
| Sugar, jam, honey etc              | 0.98    | 101.75                    | 102.44 | 103.57 | 102.60 | 105.10 | 106.25 | 107.36 | 107.69 | 108.65 | 1.75  | 0.68      | 1.10  | -0.93 | 2.43  | 1.10  | 1.04  | 0.31 | 0.89  |
| Food products n.e.c                | 0.64    | 101.14                    | 100.91 | 100.12 | 102.40 | 109.23 | 109.92 | 106.31 | 108.39 | 114.75 | 1.14  | -0.23     | -0.78 | 2.28  | 6.67  | 0.63  | -3.28 | 1.95 | 5.87  |
| Coffee, tea and cocoa              | 0.68    | 100.44                    | 106.19 | 98.08  | 100.86 | 103.09 | 103.17 | 108.85 | 111.05 | 111.50 | 0.44  | 5.72      | -7.64 | 2.84  | 2.21  | 0.07  | 5.51  | 2.02 | 0.41  |
| Mineral water, softdrinks & juices | 1.11    | 102.27                    | 99.65  | 98.87  | 100.12 | 103.81 | 106.44 | 105.21 | 105.80 | 105.81 | 2.27  | -2.56     | -0.78 | 1.26  | 3.69  | 2.53  | -1.15 | 0.56 | 0.01  |
| Spirits                            | 0.65    | 105.99                    | 102.30 | 105.54 | 101.90 | 104.23 | 108.13 | 107.63 | 107.63 | 107.63 | 5.99  | -3.48     | 3.17  | -3.44 | 2.29  | 3.74  | -0.46 | 0.00 | 0.00  |
| Wine                               | 0.44    | 102.96                    | 104.13 | 104.13 | 105.64 | 106.00 | 106.83 | 116.81 | 116.81 | 116.81 | 2.96  | 1.13      | 0.00  | 1.45  | 0.34  | 0.79  | 9.34  | 0.00 | 0.00  |
| Beer                               | 0.56    | 101.74                    | 99.00  | 97.32  | 100.59 | 103.59 | 106.69 | 107.81 | 107.81 | 109.81 | 1.74  | -2.70     | -1.70 | 3.36  | 2.99  | 2.98  | 1.06  | 0.00 | 1.85  |
| Narcotics                          | 1.38    | 101.72                    | 118.92 | 110.37 | 114.53 | 126.16 | 127.30 | 129.81 | 130.65 | 159.06 | 1.72  | 16.91     | -7.19 | 3.76  | 10.16 | 0.91  | 1.97  | 0.65 | 21.74 |

Graph 4: Month-on-Month Inflation: Food Group



### Month-on-Month Inflation: Food Group

In the food group, narcotics increased significantly by more than 20 percent in September. This was followed by food products n.e.c by 5.87 percent; fish by 5.20 percent; bread and cereal by 3.12 percent; and meat by 2.29 percent.

Others groups also recorded a slight increase except for vegetables and fruits which fell by 3.53 percent and 0.88 percent respectively.



