



S.L.P. 2321, Zanzibar  
7 Fumba street,  
71125 Mjini Magharibi  
Zanzibar - Tanzania

**No.12**

# STATISTICAL RELEASE

## DECEMBER - 2023

Telephone: +255 24 224 0134  
Fax: +255 24 224 0135  
Email: [gs@ocgs.go.tz](mailto:gs@ocgs.go.tz)  
Website: [www.ocgs.go.tz](http://www.ocgs.go.tz)

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### ZANZIBAR CONSUMER PRICE INDEX (ZCPI) FOR DECEMBER 2023

#### ANNUAL HEADLINE INFLATION RATE RECORDED 5.48 PERCENT

The Inflation as measured by the Consumer Price Index for Zanzibar for the 12 months to December 2023 decreased to 5.48 percent from 6.26 percent registered in November 2023. This was mainly driven by the decreased in the prices of commodities under; Food and Non-Alcoholic Beverages inflation rate decrease by 8.42 percent in December 2023 compared to 10.44 percent in November 2023. The overall Index increased to 107.50 in December 2023 compared to 101.91 recorded in December 2022 (**Table1**).

**TABLE 1: CHANGES IN CONSUMER PRICE INDICES FOR DECEMBER 2023**

(BASE JULY, 2022 = 100)

| Description   | Weights<br>2019/20 | Indices          |                  |                  | %<br>Annually<br>November<br>2023 | %<br>Monthly | %<br>Annually |
|---|--------------------|------------------|------------------|------------------|-----------------------------------|--------------|---------------|
|   |                    | December<br>2022 | November<br>2023 | December<br>2023 |                                   |              |               |
| Food and Non-Alcoholic Beverages                                      | 41.856             | 103.99           | 112.95           | 112.75           | 10.44                             | -0.18        | 8.42          |
| Alcoholic Beverages, Tobacco and Narcotics                            | 0.183              | 100.00           | 100.74           | 100.74           | 0.74                              | 0.00         | 0.74          |
| Clothing and Footwear   | 6.321              | 100.98           | 103.15           | 103.07           | 2.38                              | -0.08        | 2.07          |
| Housing, Water, Electricity, Gas and Other Fuels                      | 25.801             | 99.92            | 101.71           | 102.36           | 1.83                              | 0.64         | 2.44          |
| Furnishings, Household Equipment and Routine Household Maintenance    | 4.832              | 103.34           | 108.22           | 108.87           | 5.49                              | 0.61         | 5.36          |
| Health  | 1.295              | 103.09           | 109.44           | 109.44           | 6.98                              | 0.00         | 6.15          |
| Transport   | 9.125              | 99.90            | 108.33           | 106.60           | 7.48                              | -1.60        | 6.70          |
| Information and Communication   | 4.215              | 100.35           | 101.03           | 101.52           | 0.68                              | 0.49         | 1.17          |
| Recreation, Sport and Culture   | 1.132              | 97.04            | 99.39            | 100.45           | 7.22                              | 1.07         | 3.51          |
| Education   | 1.603              | 99.99            | 105.11           | 105.11           | 5.12                              | 0.00         | 5.12          |
| Restaurants And Accommodation Services                                | 1.445              | 100.82           | 97.80            | 99.51            | -2.99                             | 1.75         | -1.30         |
| Insurance and Financial Services                                      | 0.485              | 100.00           | 100.00           | 100.00           | 0.00                              | 0.00         | 0.00          |
| Personal Care, Social Protection and Miscellaneous Goods and Services | 1.706              | 101.02           | 103.60           | 103.53           | 2.73                              | -0.06        | 2.49          |
| <b>ALL ITEMS</b>  | <b>100.00</b>      | <b>101.91</b>    | <b>107.49</b>    | <b>107.50</b>    | <b>6.26</b>                       | <b>0.01</b>  | <b>5.48</b>   |

Source: Office of the Chief Government Statistician, Zanzibar

## ANNUAL FOOD AND NON-FOOD INFLATION RATES

Annual Inflation Rate for food is decreased to 8.78 percent for the year ended December 2023 compared to 10.92 percent recorded for the year ended November 2023. The overall index for food increased to 113.06 in December 2023 from 103.94 recorded in December 2022, while overall index for non-food increased to 103.70 in December 2023 compared to 100.53 in December 2022. Annual inflation rate for non-food slightly increased to 3.15 percent in December 2023 compared to 3.04 percent in November 2023 (Table 2). Products contribute to decrease annual inflation rate were Edible Cooking Oils (26.7%) Green Cooking Banana (11.9%), Fish (5.5%) and Petrol (2.3%). (Table 3).

**TABLE 2: FOOD AND NON-FOOD STATISTICS**

| Group           | Weights       | INDICES       |               |               | % Annually<br>Nov 2023 | % Monthly   | % Annually  |
|-----------------|---------------|---------------|---------------|---------------|------------------------|-------------|-------------|
|                 |               | Dec-22        | Nov-23        | Dec-23        |                        |             |             |
| Food            | 40.53         | 103.94        | 113.32        | 113.06        | 10.92                  | -0.23       | 8.78        |
| Non-Food        | 59.47         | 100.53        | 103.51        | 103.70        | 3.04                   | 0.19        | 3.15        |
| <b>All Item</b> | <b>100.00</b> | <b>101.91</b> | <b>107.49</b> | <b>107.50</b> | <b>6.26</b>            | <b>0.01</b> | <b>5.48</b> |

Source: Office of the Chief Government Statistician, Zanzibar

## MONTHLY HEADLINE INFLATION IN DECEMBER 2023

During December 2023 the monthly headline inflation rate is decreased to 0.01 percent compared to 0.22 percent recorded for the month ended November 2023. The monthly Food and Non-Alcoholic Beverages inflation rate for the month ended December 2023 decreased to negative 0.18 percent compared to 0.34 percent for the month ended November 2023 (Table 1).

The products that contribute monthly inflation rate to decrease are Petrol (8.7%), Diesel (4.7%) Green cooking banana (3.1%), Edible Cooking Oils (OKI) (0.9%) and Wheat Flour (0.3%). (Table 3).

**Table 3: Monthly Average Prices for Selected Items 2022 - 2023**

| Items                     | Unit    | AVERAGE PRICES |               |               | % Monthly | % Annually |
|---------------------------|---------|----------------|---------------|---------------|-----------|------------|
|                           |         | December 2022  | November 2023 | December 2023 |           |            |
| Thailand Rice             | 1 kg    | 1,872          | 2,416         | 2,416         | 0.0       | 29.0       |
| Mbeya Rice                | 1 kg    | 2,888          | 2,928         | 3,002         | 2.5       | 3.9        |
| Basmat Rice               | 1 kg    | 4,524          | 4,882         | 4,882         | 0.0       | 7.9        |
| Jasmin Rice               | 1 kg    | 2,580          | 2,811         | 2,856         | 1.6       | 10.7       |
| Wheat Flour               | 1 kg    | 2,004          | 2,075         | 2,069         | -0.3      | 3.2        |
| Maize Flour               | 1kg     | 1,965          | 2,026         | 2,041         | 0.7       | 3.9        |
| Flatbread                 | 1 pc    | 500            | 548           | 548           | 0.0       | 9.5        |
| Fish                      | 1 kg    | 9,903          | 9,091         | 9,361         | 3.0       | -5.5       |
| Edible Cooking Oils (OKI) | 2 litre | 7,817          | 5,780         | 5,729         | -0.9      | -26.7      |
| Yellow cooking banana     | 1kg     | 2,240          | 2,873         | 3,076         | 7.1       | 37.3       |
| Green cooking banana      | 1kg     | 1,375          | 1,250         | 1,212         | -3.1      | -11.9      |
| Brown sugar               | 1kg     | 2,374          | 2,896         | 2,896         | 0.0       | 22.0       |
| White sugar               | 1kg     | 2,396          | 2,923         | 2,923         | 0.0       | 22.0       |
| Kerosene                  | 1 litre | 2,921          | 3,300         | 3,300         | 0.0       | 13.0       |
| Diesel                    | 1 litre | 2,990          | 3,323         | 3,168         | -4.7      | 6.0        |
| Petrol                    | 1 litre | 2,980          | 3,187         | 2,910         | -8.7      | -2.3       |

Source: Office of the Chief Government Statistician, Zanzibar

**Chart 1: Zanzibar Inflation Rate from December 2021 – December 2023**



Source: Office of the Chief Government Statistician, Zanzibar

### **Explanatory Note**

The CPI measures the average percentage changes over time (between two time periods) in the prices of a “basket” of consumer goods and services acquired by households (the market basket) in Zanzibar. The Zanzibar CPI covers prices of 398 items collected in 670 outlets in Unguja and Pemba urban Centers. The goods and services included in the ZCPI basket are classified according to the UN COICOP (Classification of Individual Consumption According by Purpose) with 13 divisions.

The ZCPI weights are based on both monetary and non-momentary expenditures relating to consumption for households in Zanzibar for the 2019/20 Household Budget Survey (HBS). The weight is based on expenditures of both urban and rural households. Both base price and index has reference period of July 2022.

The computation of indices at elementary level based on geometric mean of the price relative while at higher level the Laspeyres formula was used to compute the aggregate indices.

**For more clarifications please contact:  
Director: Economic Statistics Section  
OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN  
Zanzibar.**

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## Appendix 1

|              | Indices           |                                     |  |                            | Monthly % Change |                        |                                       |                            | Annually % Change |                        |                                       |                            |        |
|--------------|-------------------|-------------------------------------|--|----------------------------|------------------|------------------------|---------------------------------------|----------------------------|-------------------|------------------------|---------------------------------------|----------------------------|--------|
|              | Food <sup>1</sup> | Energy <sup>2</sup><br>and<br>Fuels | Core<br>Exclude<br>Food<br>and<br>Energy | Fish<br>and<br>Sea<br>Food | Food             | Energy<br>and<br>Fuels | Core<br>Exclude<br>Food and<br>Energy | Fish<br>and<br>Sea<br>Food | Food              | Energy<br>and<br>Fuels | Core<br>Exclude<br>Food and<br>Energy | Fish<br>and<br>Sea<br>Food |        |
| <b>Share</b> | <b>43.08</b>      | <b>8.12</b>                         | <b>48.80</b>                             | <b>6.32</b>                |                  |                        |                                       |                            |                   |                        |                                       |                            |        |
| 2021         | Jan               | 94.99                               | 80.46                                    | 93.35                      | 89.26            | 2.48                   | -3.07                                 | 0.42                       | 4.68              | 1.19                   | -7.50                                 | 0.97                       | 3.11   |
|              | Feb               | 95.33                               | 87.84                                    | 93.69                      | 89.77            | 0.36                   | 9.18                                  | 0.36                       | 0.57              | 0.32                   | 0.28                                  | 1.08                       | 8.06   |
|              | Mar               | 95.38                               | 86.80                                    | 93.99                      | 82.41            | 0.06                   | -1.19                                 | 0.32                       | -8.19             | 2.28                   | -2.03                                 | 1.29                       | -3.75  |
|              | Apr               | 96.31                               | 88.15                                    | 94.64                      | 88.84            | 0.98                   | 1.56                                  | 0.70                       | 7.80              | 1.62                   | 1.23                                  | 2.30                       | 3.90   |
|              | May               | 98.35                               | 88.60                                    | 94.86                      | 92.57            | 2.12                   | 0.51                                  | 0.24                       | 4.20              | 0.41                   | -3.09                                 | 1.88                       | 2.73   |
|              | June              | 96.82                               | 92.20                                    | 95.09                      | 97.04            | -1.56                  | 4.07                                  | 0.24                       | 4.83              | 0.18                   | 5.80                                  | 3.15                       | 7.03   |
|              | July              | 96.40                               | 94.27                                    | 95.32                      | 106.99           | -0.43                  | 2.24                                  | 0.24                       | 10.25             | 1.16                   | 5.12                                  | 2.91                       | 18.64  |
|              | Aug               | 95.23                               | 91.64                                    | 95.79                      | 85.19            | -1.21                  | -2.78                                 | 0.50                       | -20.38            | -0.30                  | 12.56                                 | 3.04                       | -12.68 |
|              | Sept              | 91.88                               | 94.12                                    | 96.32                      | 89.72            | -3.52                  | 2.70                                  | 0.55                       | 5.32              | -0.43                  | 13.94                                 | 3.44                       | 2.59   |
|              | Oct               | 91.90                               | 92.07                                    | 96.05                      | 88.34            | 0.02                   | -2.18                                 | -0.28                      | -1.54             | 0.04                   | 8.93                                  | 3.17                       | 2.60   |
|              | Nov               | 92.15                               | 91.32                                    | 96.01                      | 86.83            | 0.28                   | -0.82                                 | -0.05                      | -1.71             | 0.52                   | 7.39                                  | 3.14                       | 6.04   |
|              | Dec               | 92.76                               | 90.74                                    | 96.41                      | 88.34            | 0.66                   | -0.64                                 | 0.42                       | 1.74              | 0.08                   | 9.32                                  | 3.71                       | 3.60   |
| 2022         | Jan               | 95.53                               | 91.08                                    | 96.55                      | 88.24            | 2.99                   | 0.37                                  | 0.14                       | -0.11             | 0.57                   | 13.20                                 | 3.43                       | -1.14  |
|              | Feb               | 97.32                               | 94.42                                    | 96.45                      | 91.44            | 1.87                   | 3.67                                  | -0.11                      | 3.63              | 2.09                   | 7.49                                  | 2.95                       | 1.87   |
|              | Mar               | 98.14                               | 94.01                                    | 97.27                      | 88.67            | 0.85                   | -0.44                                 | 0.85                       | -3.03             | 2.90                   | 8.31                                  | 3.49                       | 7.59   |
|              | April             | 100.24                              | 93.79                                    | 98.31                      | 94.81            | 2.13                   | -0.23                                 | 1.07                       | 6.93              | 4.07                   | 6.40                                  | 3.88                       | 6.73   |
|              | May               | 101.35                              | 92.75                                    | 98.87                      | 91.13            | 1.11                   | -1.11                                 | 0.57                       | -3.89             | 3.05                   | 4.69                                  | 4.23                       | -1.56  |
|              | June              | 99.63                               | 100.40                                   | 99.52                      | 99.29            | -1.70                  | 8.25                                  | 0.66                       | 8.96              | 2.90                   | 8.89                                  | 4.66                       | 2.31   |
|              | July              | 100.00                              | 100.00                                   | 100.00                     | 100.00           | 0.37                   | -0.40                                 | 0.48                       | 0.72              | 3.74                   | 6.08                                  | 4.91                       | -6.54  |
|              | Aug               | 100.98                              | 99.00                                    | 99.92                      | 102.76           | 0.98                   | -1.00                                 | -0.08                      | 2.76              | 6.04                   | 8.03                                  | 4.31                       | 20.64  |
|              | Sept              | 101.06                              | 101.48                                   | 100.20                     | 100.58           | 0.08                   | 2.38                                  | 2.12                       | 0.28              | 9.99                   | 7.82                                  | 4.03                       | 12.11  |
|              | Oct               | 100.37                              | 101.02                                   | 99.68                      | 89.97            | 0.17                   | 0.21                                  | -1.77                      | -10.55            | 10.21                  | 8.26                                  | 4.50                       | 1.85   |
|              | Nov               | 102.24                              | 99.40                                    | 100.49                     | 96.38            | 0.95                   | -0.28                                 | 0.12                       | 7.12              | 10.94                  | 8.84                                  | 4.67                       | 11.00  |
|              | Dec               | 103.90                              | 99.52                                    | 100.56                     | 96.39            | 1.63                   | 0.12                                  | 0.07                       | 0.02              | 12.01                  | 9.68                                  | 4.29                       | 9.12   |
| 2023         | Jan               | 105.98                              | 101.71                                   | 101.93                     | 97.27            | 2.00                   | 2.20                                  | 1.36                       | 0.91              | 10.94                  | 11.68                                 | 5.57                       | 10.23  |
|              | Feb               | 106.97                              | 102.65                                   | 102.04                     | 89.91            | 0.94                   | 0.11                                  | 0.92                       | -7.57             | 9.92                   | 8.71                                  | 5.8                        | -1.68  |
|              | Mar               | 107.67                              | 100.62                                   | 101.95                     | 88.51            | 0.66                   | -1.97                                 | -0.09                      | -1.55             | 9.71                   | 7.03                                  | 4.82                       | -0.17  |
|              | April             | 111.21                              | 101.94                                   | 102.56                     | 95.53            | 3.28                   | 1.31                                  | 0.59                       | 7.93              | 10.95                  | 8.69                                  | 4.32                       | 0.76   |
|              | May               | 110.59                              | 100.55                                   | 102.58                     | 86.61            | -0.56                  | -1.36                                 | 0.02                       | -9.35             | 9.11                   | 8.41                                  | 3.75                       | -4.96  |
|              | June              | 109.72                              | 107.1                                    | 102.67                     | 91.79            | -0.78                  | 6.51                                  | 0.09                       | 5.99              | 10.13                  | 6.67                                  | 3.17                       | -7.55  |
|              | July              | 111.23                              | 103.25                                   | 103.28                     | 101.56           | 1.37                   | -3.59                                 | 0.59                       | 10.65             | 11.23                  | 3.25                                  | 3.28                       | 1.56   |
|              | Aug               | 112.47                              | 104.08                                   | 102.97                     | 99.47            | 1.12                   | 0.81                                  | -0.30                      | -2.06             | 11.37                  | 5.00                                  | 3.06                       | -3.20  |
|              | Sep               | 114.68                              | 105.38                                   | 102.90                     | 99.94            | 1.96                   | 1.25                                  | -0.06                      | 0.47              | 13.47                  | 3.84                                  | 2.70                       | 0.64   |
|              | Oct               | 112.14                              | 105.91                                   | 103.17                     | 97.06            | -2.22                  | 0.51                                  | 0.26                       | -2.88             | 10.72                  | 6.25                                  | 2.79                       | 7.89   |
|              | Nov               | 112.51                              | 106.36                                   | 103.24                     | 96.23            | 0.33                   | 0.42                                  | 0.07                       | -0.86             | 10.04                  | 7.01                                  | 2.74                       | -0.15  |
|              | Dec               | 112.30                              | 107.47                                   | 103.26                     | 94.21            | -0.19                  | 1.04                                  | 0.02                       | -2.10             | 8.08                   | 7.98                                  | 2.69                       | -2.26  |

<sup>1</sup> Food - combining food consumed at home and food consumed in restaurants

<sup>2</sup> Energy and Fuels - Combining Electricity and other Fuels for use at Home with Petrol and Diesel