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## PRESS RELEASE

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### NATIONAL CONSUMER PRICE INDEX (NCPI) FOR NOVEMBER, 2016

#### METHODOLOGICAL NOTE

##### Definition

The NCPI measures the change over time in the cost of a fixed basket of goods and services that are purchased by a representative sample of households in Tanzania. A basket includes a list of 278 goods and services of which 97 are Food and Non Alcoholic Beverages and 181 are Non Food items that are being priced on monthly basis.

##### Weights and a Reference Period

The NCPI weights are based on monetary expenditures relating to consumption for all households in the 25 geographic regions of Tanzania. The index weights are based on expenditures of both urban and rural households derived from 2011/12 Household Budget Survey and the price reference period is December, 2015.

##### Classification

The NCPI follows the internationally recommended Classification of Individual Consumption by Purpose (COICOP). NCPI is being disseminated with indices for the 12 major groups of COICOP as well as several additional index aggregations. These additional indices are; 1) Food and Non-alcoholic Beverages - combining food consumed at home and food consumed in restaurants; 2) Energy and Fuels - combining electricity and other fuels for use at home including petrol and diesel; 3) All Items Less Food; and 4) All Items Less Food and Energy.

##### Elementary and Higher Level Indices

The NCPI has incorporated a number of methodological improvements including the use of geometric mean of price relatives for compiling elementary index aggregates, the use of an improved index compilation system, and improved procedures for collecting and processing prices. The Lowe Index formula which is Laspeyres index formula type continues to be used for computing higher level aggregates for the NCPI.

## ANNUAL HEADLINE INFLATION RATE INCREASED TO 4.8%

**Table 1: Changes in the NCPI for November, 2016, (Dec., 2015 = 100)**

S/N	Main Groups	Weight	Nov-15	Oct-16	Nov-16	1 Month Percent Change	12 Month Percent Change
1	Food and Non Alcoholic Beverages	38.5	99.09	103.03	105.25	2.2	6.2
2	Alcoholic and Tobacco	3.7	99.46	104.55	104.99	0.4	5.6
3	Clothing and Footwear	8.3	99.41	102.92	103.27	0.3	3.9
4	Housing, Water, Electricity, Gas and Other Fuel	11.6	99.67	109.78	110.58	0.7	10.9
5	Furnishing, Housing Equipment and Routine Maintenance of the House	6.3	98.89	102.09	103.15	1.0	4.3
6	Health	2.9	99.12	104.49	104.59	0.1	5.5
7	Transport	12.5	99.34	99.65	100.00	0.4	0.7
8	Communication	5.6	99.66	99.02	99.05	0.0	-0.6
9	Recreation and Culture	1.6	99.91	101.45	101.72	0.3	1.8
10	Education	1.5	99.73	102.64	102.64	0.0	2.9
11	Restaurants and hotels	4.2	99.84	103.78	104.23	0.4	4.4
12	Miscellaneous goods and services	3.1	99.67	102.32	102.74	0.4	3.1
<b>TOTAL – ALL ITEMS INDEX</b>		<b>100.0</b>	<b>99.54</b>	<b>103.17</b>	<b>104.32</b>	<b>1.1</b>	<b>4.8</b>
<b>Other Selected Groups</b>							
1	Food - combining food consumed at home and food consumed in restaurants	37.07	99.33	103.35	105.68	2.3	6.4
2	Energy and Fuels - combining electricity and other fuels for use at home with petrol and diesel	8.68	100.20	110.83	111.94	1.0	11.7
3	All Items Less Food	62.93	99.83	103.21	103.65	0.4	3.8
4	All Items Less Food and Energy	54.25	99.76	101.99	102.33	0.3	2.6

The Headline Inflation Rate measures inflation rate when all items in the fixed CPI basket are included. Table number 1 above indicates that, Annual Headline Inflation Rate for the month of November, 2016 has increased to 4.8% from 4.5% recorded in October, 2016. The Annual Headline Inflation Rate for the year ending November, 2016 explains that, the speed of price increase for commodities in the year ending November, 2016 has increased as compared to the speed of price increase recorded for the year ended October, 2016. The overall index went up to 104.32 in November, 2016 from 99.54 recorded in November, 2015. Food and Non Alcoholic Beverages Inflation Rate for the Month of November, 2016 has increased to 6.2% from 6.0% recorded in October, 2016.

### Food and Non Food Inflation Rates

Annual Inflation Rate for food consumed at home and away from home has increased to 6.4% in November, 2016 from 6.0% recorded in October, 2016. In addition, the 12 month index change for non food products has increased to 3.8% in November, 2016 from 2.9% recorded in October, 2016.

### Inflation Rate excluding Food and Energy

The Annual Inflation Rate which excludes food and energy for the month of November, 2016 has increased to 2.6% from 2.4% recorded in October, 2016.

The NCPI used to compute this type of Inflation Rate excludes food consumed at home and restaurants, non alcoholic beverages, petrol, diesel, gas, kerosene, charcoal, firewood and electricity. Excluding food and energy which are the most volatile components in the total NCPI could provide a more stable Inflation Rate figure for Policy Makers.

**Chart 1: Movement of National Consumer Price Indices (NCPI) and Inflation Rates from November, 2015 – November, 2016. (Dec., 2015 = 100)**

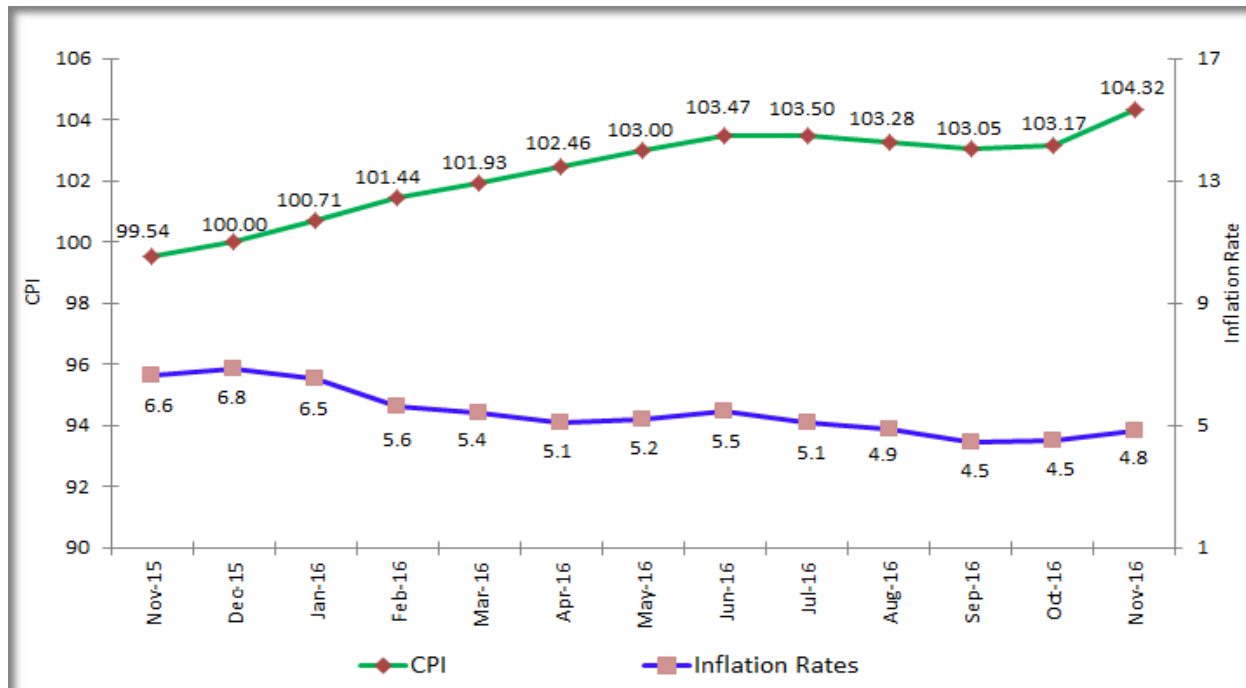


Chart number 1 above explains that; CPI has shown a relatively stable movement of prices from November, 2015 to November, 2016. In addition, Annual Headline Inflation Rates over the same period have shown a stable trend of movement from 6.6% in November, 2015 to 4.8% in November, 2016.

**MONTHLY HEADLINE INFLATION RATE FOR NOVEMBER, 2016 INCREASED BY 1.1%**

The Monthly Headline Inflation Rate for the month of November, 2016 has increased by 1.1% compared to an increase of 0.1% recorded in October, 2016. The overall index has increased to 104.32 in November, 2016 from 103.17 recorded in October, 2016. The increase of the overall index is attributed to price increase of both food and non-food items. Some food items that contributed to such an increase include; vegetables by 7.4%, wheat flour by 2.4%, cassava flour by 1.7%, white maize flour by 1.5%, sorghum grain by 1.5%, dried sardines by 1.1% and rice by 1.0%. On the other hand, some non-food items that contributed to price increase include; petrol by 1.4%, charcoal by 1.4%, firewood by 1.0%, children shoes by 0.7, kerosene by 0.6%, garments for women by 0.5%, garments for men by 0.4%, garments for children by 0.4%, footwear for women by 0.3 and diesel by 0.2.

## PURCHASING POWER OF TANZANIAN SHILLING IN NOVEMBER, 2016 FROM DECEMBER, 2015

The Purchasing Power of the consumer's Tanzanian Shilling measures the change in the value of consumer goods and services that a Tanzanian Shilling could buy at different periods. That is, if the overall level of Consumer Price Index (CPI) goes up, the Purchasing Power of a Tanzanian Shilling goes down.

The purchasing power of 100 Tanzanian Shillings has reached TZS 95 and 98 cents in November, 2016 compared to TZS 95 and 86 cents in October, 2016.

### PRICE MOVEMENTS

**Chart 2: Price Movements of Different Groups of CPI from November, 2015 – November, 2016 (Dec., 2015 = 100)**

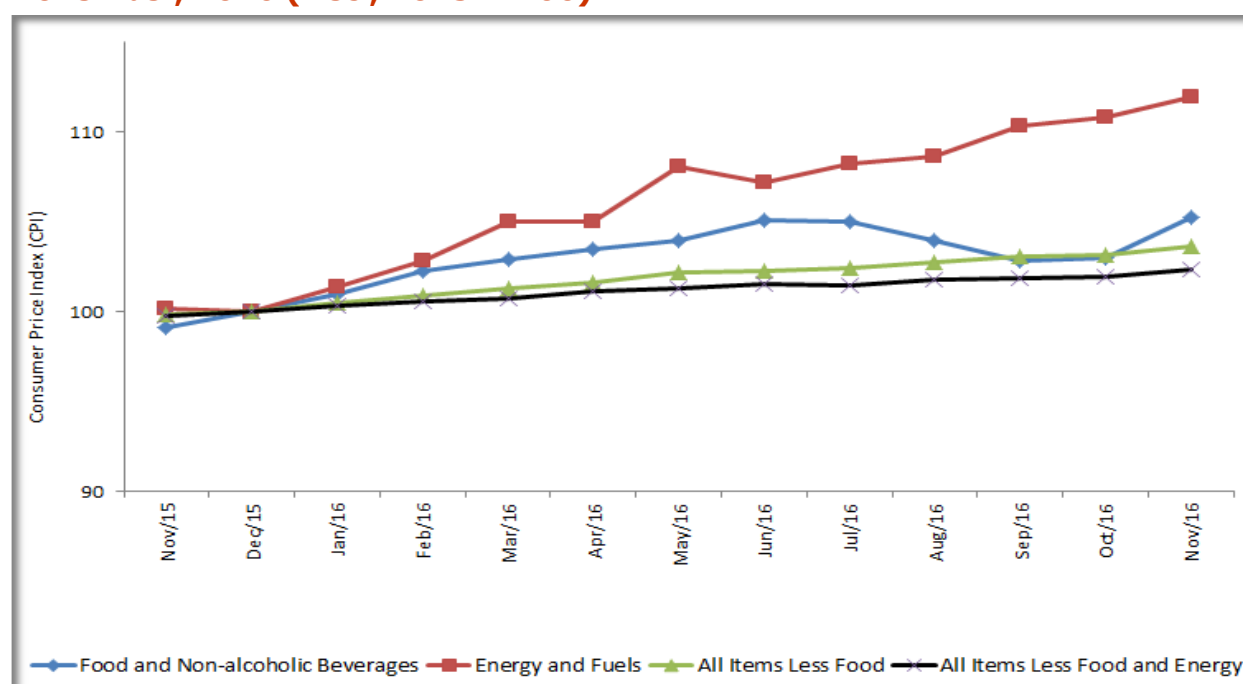


Chart number 2 above shows price movement of different groups of Consumer Price Indices from November, 2015 to November, 2016. On average, Energy and Fuel Index; and Food and Non Alcoholic Beverages indices have had a higher upward trend over the period compared to other indices. Furthermore, energy and fuels portrayed unstable price movements compared to other indices. Indices for all items without food and all items without food and energy have indicated a much stable price movements.

**Table 2: NCPI Survey Schedule for the Coming Months**

NCPI Survey Months	Release date
December, 2016	09 <sup>th</sup> January, 2017
January, 2017	08 <sup>th</sup> February, 2017
February, 2017	08 <sup>th</sup> March, 2017

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