

# Uganda

## A: Identification

**Title of the CPI:** National (Composite) Consumer Price Index

**Organisation responsible:** Uganda Bureau of Statistics

**Periodicity:** Monthly

**Index reference period:** 2005/2006 = 100

**Weights reference period:** 2005/2006 Uganda National Household Survey data.

**Main uses of CPI:** Main inflation indicator used for monetary policy, macroeconomic modelling and other analytic uses.

## B: CPI Coverage

**Geographical Coverage**

*Weights:* Nation-wide

*Price collection:* Urban areas

**Population coverage:** Resident households of nationals.

## C: Concepts, definitions, classifications and weights

**Definition of the CPI and its objectives:** Consumer Price Index (CPI) is a measure of the general change in prices. The price change measured is that of a fixed basket of goods and services whose contents were fixed during the 2005/2006 base period.

**Classification:** COICOP (Classification of individual consumption by purpose)

**Sources of weights:** Household expenditure surveys.

**Frequency of weight updates:** Every 3-5 years

**Price updating of weight reference period to the index reference period:** No, not needed.

## D: Sample design

## E: Data Collection

**Approximate number of localities, outlets and price observations:** Localities: 8 urban cities

**Frequency with which prices are collected:** Price collection is done monthly.

**Reference period for data collection:** The reference period for data collection is the 15th of each month. Any price change after the reference date is reflected in the index of the following month.

### **Methods of Price Collection**

- Personal data collection
- Official tariffs for electricity, metred water.

### **Treatment of:**

**Missing or faulty prices:** Imputation procedures are used for missing prices.

Period for allowing imputed missing prices: Imputation of a missing price is allowed up to 3 months.

### **Treatment of seasonal items and seasonality**

### **Treatment of housing**

**Treatment of owner-occupied housing:** Imputed rent of owner occupied dwellings is excluded since it is more of an investment rather than consumption expenditure.

## **F: Computation**

**Formula used for calculation of elementary indices:** The ratio of geometric mean prices (Jevons index) (Direct form)

**Formula to aggregate elementary indices to higher level indices:** The modified Laspeyres index formula is used to compute higher level indices.

**Formula of aggregating regional/population group indices into national index:** The National CPI is computed as a weighted average of the eight baskets i.e. (Kampala High Income, Kampala Low and Middle Income, Jinja, Mbale, Masaka, Mbarara, Gulu and Arua)

## **G: Editing and validation procedures**

**Control procedures used to ensure the quality of data collected:** The Box plot method is used to detect outliers when the collected data has reached the Head office. For any discrepancies arising from the intermediate data, the source of information is approached to confirm the collected prices. In addition, the methodology went through to aggregate that data is also checked.

**Control procedures used to ensure the quality of data processed:** Whenever an Index comes out and the results seem to be more than expected, the entire methodology of

compiling the index is checked to confirm that there is no error in formula computation. There is also a parallel system in place to cater for these kinds of errors.

## **H: Documentation and dissemination**

**Timeliness of dissemination of the CPI data:** The CPI is published on the last working day of each month in line with the advance release calendar.

### **Level of detailed CPI published**

**Paper publication:** All items CPI, Division-level (12 Divisions)

**Online:** All items CPI, Division-level (12 Divisions)

### **Documentation**

**Publications and websites where indices can be found:** New release of CPI in hard copy, the weekly CPI for the capital city (Kampala) is produced and it is available as a weekly CPI publication in the hard copy, a monthly bulletin is released in hard copy for consumer prices and the prices index, CPI is also available in the statistical abstract that comes out annually; Internet: CPI data is also available at <http://www.ubos.org/index.php?st=pagerelations&id=138&p=related%20pages:Consumer%20price%20Index>

**Publications and websites where methodological information can be found:** Documentation on concepts, scope, classifications and statistical techniques are available and disseminated on request.

## **I: Other Information**

Completed by ILO in 2013.