

# Algeria

## A: Identification

**Title of the CPI:** National Consumer Price Index

**Organisation responsible:** National Office of Statistics

**Periodicity:** Monthly

**Index reference period:** 2001 = 100

**Weights reference period:** 2000

**Main uses of CPI:** Indexation of wages, pensions and/or social security payment, indexation of rents, contracts and/or other payments and main inflation indicator used for monetary policy.

## B: CPI Coverage

### Geographical Coverage

*Weights:* Nation-wide

*Price collection:* Nation-wide

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

## C: Concepts, definitions, classifications and weights

**Definition of the CPI and its objectives:** Consumer Price Index developed by the National Statistics Office is a Laspeyre's index. The structure of the basket for the base year is set up on national surveys on household consumption expenditures.

**Classification:** The grouping of items is similar to that recommended by the international classifications for the needs of the national accounting system.

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

**Frequency of weight updates:** Above 5 years

## D: Sample design

**Criteria used for determining the optimal sample sizes and the coverage of localities, outlets, items and variety samples:** Variety selection: The choice of varieties is done on the basis of criteria such as the annual expenditure and the expenditure frequency.

Outlet selection: The points of sale are chosen directly from the field considering their good clientele (in customers and products), depending on the types of questionnaire (categories of goods and services) and according to their dispersal. They are geographically classified so as to ensure the most correct representativeness possible, that is to say a satisfactory coverage of household supplying areas.

## **E: Data Collection**

**Frequency with which prices are collected:** The observations frequencies vary by product nature and the price observation frequencies. For example fruits and vegetables - prices are checked 3 times per week, poultry, meat and eggs - prices are checked 2 times a week. For other varieties, the frequency is done either monthly or quarterly.

### **Methods of Price Collection**

- Personal data collection

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

**Items that have a seasonal character and their treatment:** Seasonal products are submitted to a particular handling. For a given year, the months (index calculation periods) may not all have the same composition (or the same basket) of fresh products. An index is calculated from a monthly basket of the high season. This index compares the cost of the same basket (monthly) of the current month and the month in the base year. Base prices of varieties of the basket as well as weightings are monthly.

**Seasonal food items:** Seasonal food items are included in the CPI using variable weights approach: the weights vary over the year.

### **Treatment of housing**

## **F: Computation**

**Formula to aggregate elementary indices to higher level indices:** Aggregation of elementary indices into higher level indices is by Laspeyre's formula.

**Formula of aggregating regional/population group indices into national index:** The national index is made up as a weighted average of the cities and villages' indexes of the sample considered. The weight of each town, in being the weight of its population in the total population of the sample.

**Monthly and annual average prices:** The annual index is the arithmetic average of the monthly indices.

**Seasonally adjusted indices:** An index with fresh products is seasonally adjusted. The method used for the seasonal adjustment of this index is that applied for the processing of time-series by means of moving averages in the framework of the multiplicative model. This seasonal adjustment targets fresh products which the price fluctuation remains too important.

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

## **H: Documentation and dissemination**

**Timeliness of dissemination of the CPI data:** The consumer price index is available on the 10th day of the month following the reference month. It is published on the 15th day.

### **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:** Consumer Price Index - published monthly in "Statistical data", "Statistical Collection" - Published annually.  
<http://www.ons.dz/>

**Publications and websites where methodological information can be found:** The annual publication "Statistical Collection" gives a more detailed idea about the methodology used for the index calculation.

## **I: Other Information**

Completed by ILO in 2013.