

# Uruguay

## A: Identification

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

**Organisation responsible:** National Institute of Statistics

**Periodicity:** Monthly

**Index reference period:** December 2010 = 100

**Weights reference period:** 2005/2006 National Income and Expenditure Survey

**Main uses of CPI:** Indexation of wages, pensions and/or social security payment, indexation of rents, contracts and/or other payments, deflate household expenditures in national accounts

## B: CPI Coverage

### Geographical Coverage

*Weights:* Urban areas

*Price collection:* Urban areas

**Population coverage:** Resident households of nationals

## C: Concepts, definitions, classifications and weights

**Definition of the CPI and its objectives:** The Consumer Price Index (CPI) is an aggregate indicator that measures the monthly variation in prices of goods and services consumed by households living in the urban areas of the country. The set of goods and services is selected on the basis of household consumption expenditure..

**Classification:** Classification of Individual Consumption by Purpose (COICOP)

**Sources of weights:** Household expenditures surveys and national accounts

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

**Weights for different population groups or regions:** Weights are computed for Montevideo and the interior urban centers of the country.

## D: Sample design

## E: Data Collection

**Frequency with which prices are collected:** Monthly

## Methods of Price Collection

- Personal data collection

### Treatment of:

**Discounts and sales prices:** Purchase/sales prices of used goods are not collected.

**Black market prices:** Illegal goods are not included in expenditures in view of the difficulties involved in data collection.

**Missing or faulty prices:** Missing prices are imputed on the basis of the variation of the same product, if at least 33 percent of real prices are available in  $t$  and  $t-1$ ; otherwise, a higher aggregate level is used. For missing prices of seasonal clothing and footwear, the last price is used when less than 33 percent of real prices are available in  $t$  and  $t-1$ .

**Quality differences:** Quality adjustments are made to goods and services defined as heterogeneous

### Treatment of housing

**Treatment of owner-occupied housing:** The CPI excludes the imputed value of owner-occupied housing.

## F: Computation

**Formula used for calculation of elementary indices:** The ratio of arithmetic mean prices (Dutot index) (Direct form) for homogenous products and the ratio of geometric mean prices (Jevons index) (Direct form) for heterogeneous products.

**Formula to aggregate elementary indices to higher level indices:** The CPI index is a fixed base price Laspeyres index given by

$$IPC_0^t = \sum_{i=1}^I I_i^t \times w_i^0,$$

where

$i$  = subscript representing each of the goods and services (ranging from 1 to  $i$ )

$IPC_0^t$  = the consumer price index in period  $t$  based on the period 0.

$I_i^t$  = the price index for product  $i$  in period  $t$ .

$w_i^0$  = the weight of product  $i$  in the base period (period 0)

## G: Editing and validation procedures

**Control procedures used to ensure the quality of data processed:** The coefficients of variation are reviewed before the CPI computation is completed. Outliers are confirmed with respondents, and a record of this confirmation is kept. Surveys are audited, both randomly and based on variations, to monitor the work of enumerators.

## **H: Documentation and dissemination**

**Timeliness of dissemination of the CPI data:** CPI data is disseminated on the second business day of the month following the reference month.

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

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

**Online:** All items CPI, Division-level (12 Divisions\*), Group-level (app. 40 groups), Class-level (app.100 classes\*), Basic items

### **Documentation**

**Publications and websites where indices can be found:** The new release “Indice de Precios del Consumo.” INE” is available at <http://www.ine.gub.uy>

**Publications and websites where methodological information can be found:** Methodological information can be found in the publication “Nota Metodológica - Cambio de Base Diciembre 2010” available at <http://www.ine.gub.uy>

## **I: Other Information**

Reported by the ILO in 2013.