



# CONSUMER PRICE INDEX TIMOR-LESTE OCTOBER 2020

CPI SERIES 3 EDITION

Release Date:  
November 17<sup>st</sup>, 2020

Next Release:  
December 22<sup>nd</sup>, 2020





**Title**

Consumer Price Index Timor-Leste,  
October 2020

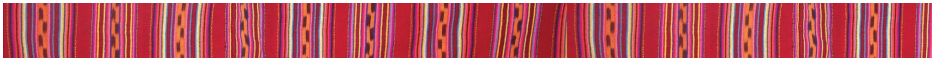
**Editor**

Jemi Natalino Rosario  
Rosantina da Costa Cruz Sarmento  
Eduardo M. Ximenes  
Silvino Lopes

Direcção Geral de Estatística  
Rua de Caicoli, PO Box 10  
Dili, Timor-Leste

**Director Geral de Estatística**  
**General Directorate of Statistics**  
**Elias dos Santos Ferreira, L.Ec, MM**

Disenho e Composição  
Direcção Geral de Estatística



[www.statistics.gov.tl](http://www.statistics.gov.tl)

**Cristino Gusmão**  
**Director Nacional Economia Estatística**  
**No. Telp: + 670 77230127**  
Direcção Geral de Estatística  
Rua de Caicoli, Dili, PO Box 10  
Telefone: +670 3311348  
email: [cgusmao@mof.gov.tl](mailto:cgusmao@mof.gov.tl)

## NOTES

CHANGES FROM THE EDITION CPI SERIES 3 None

| FORTHCOMING ISSUES | ISSUE         | RELEASED DATE                    |
|--------------------|---------------|----------------------------------|
|                    | November 2020 | December 22 <sup>nd</sup> , 2020 |
|                    | December 2020 | January 19 <sup>st</sup> , 2021  |

### QUERIES

**For Further information about these and other Related CPI. Contact :**

1. Cristino Gusmão, Director da DNEES  
Email: cgusmao@mof.gov.tl, No Telp : 77230127
2. Eduardo Martinho Ximenes, Head of Depart. Social and Economic  
Email: emximenes@mof.gov.tl, No Telp. 77339216
3. Avelino Maria de Jesus Marcal  
Email: amjmarcal@mof.gov.tl, No Telp. 77608779
4. Jemi Natalino Rosario  
Email: jnrosario@mof.gov.tl, No Telp. 77543554
5. Rosantina da Costa Cruz Sarmentu  
Email: rcsarmento@mof.gov.tl, No Telf. 77085481



**Elias dos Santos Ferreira, L.Ec.MM**  
General Director of Statistics



## Contents

|   |    |
|---|----|
| 1. Contents.....  | 1  |
| 2. October 2020 Monthly Key Figures.....                    | 2  |
| 3. October 2020 Key Points.....                             | 3  |
| 4. What are the main movements? .....                       | 5  |
| 5. Tradable & Non-Tradable CPI.....                         | 6  |
| 6. Table 1 : Timor-Leste Analytical Index October 2020..... | 7  |
| 7. Table 2 : Dili Analytical Index October 2020.....        | 8  |
| 8. Table 3 : Baucau Analytical Index October 2020.....      | 9  |
| 9. Table 4 : OTHER Analytical Index October 2020.....       | 10 |
| 10. Explanatory Notes.....                                  | 11 |

**CONSUMER PRICE INDEX  
TIMOR - LESTE, OCTOBER 2020**


**INTRODUCTION TO THE SERIES 3 CPI**

All published indexes from September 2018 have been rereferenced to Aug 2018 = 100.0. Time series data, details of new CPI weights, and other information relating to changes to the Timor-Leste CPI are available on the General Directorate Statistics (GDS) website, see [www.statistics.gov.tl](http://www.statistics.gov.tl)

**October 2020 Key Figures**

(a) For March, June, and September 2013, annual percentage changes are calculated on a quarterly basis. For December 2013 onwards annual changes will be calculated on movements between corresponding months of consecutive years.

| <b>Timor-Leste Consumer Price Index</b>                               | <b>Monthly</b>                 | <b>Annual (a)</b>          |
|---|--------------------------------|----------------------------|
|   | Oct - 2020<br>to<br>Sept -2020 | Oct—2020<br>to<br>Oct—2019 |
|   | % change                       | % change                   |
| <b>All groups CPI</b>   | <b>-0.1%</b>                   | <b>0.6%</b>                |
| <b>Tradeable CPI</b>  | <b>-0.2%</b>                   | <b>0.5%</b>                |
| <b>Non-Tradeable CPI</b>  | <b>0.1%</b>                    | <b>0.8%</b>                |
| 1. Food and non-alcoholic beverages                                   | -0.1%                          | 1.1%                       |
| 2. Alcohol and tobacco  | -0.2%                          | -0.2%                      |
| 3. Clothing and footwear  | -0.1%                          | 1.7%                       |
| 4. Housing  | -0.1%                          | 0.7%                       |
| 5. Furnishings, household equipment and routine household maintenance | 0.0%                           | -0.4%                      |
| 6. Health   | 0.0%                           | 0.0%                       |
| 7. Transport  | -0.6%                          | -2.3%                      |
| 8. Communication  | 0.0%                           | -0.7%                      |
| 9. Recreation and culture   | 0.0%                           | 0.0%                       |
| 10. Education   | 0.0%                           | 2.6%                       |



## October 2020 Key Points

- The All Groups CPI fell -0.1% in October 2020, compared to a fall -0.1% in September 2020.
- The significant fall of the Food and Non-Alcoholic Beverages (-0.1%), Transports (-0.6%), Alcohol and Tobacco (-0.2%), Clothing and Footwear (-0.1%), and Housing (-0.1%).
- The 12-month Tradeable CPI rate stood at +0.5%, with the Non-Tradeable rate at +0.8%

## A brief description of Consumer Price Inflation

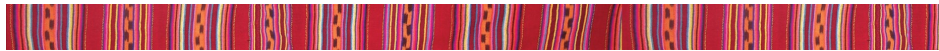
Consumer price inflation is the rate at which the prices of goods and services bought by households rise or fall. Consumer price inflation is estimated by using price indices. A way to understand a price index is to think of a very large shopping basket containing all the goods and services bought by households. The price index estimates changes to the total cost of this basket.

A price index can be used to measure inflation in a number of ways. The most common is to look at how the index has changed over a year. The change is calculated by comparing the price index for the latest month with the same month a year ago, which is known as the 12-month inflation rate. This bulletin measures inflation to October 2020, so the 12-month rate measures changes in prices between October 2020 and October 2019.

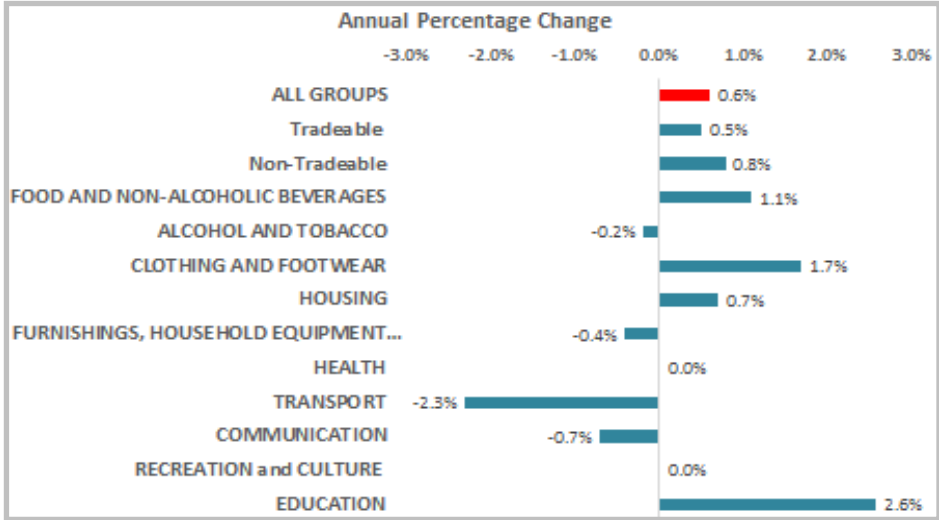
## Latest figure and long-term trend

The CPI 12-month rate between October 2020 and October 2019 stood at +0.6%, meaning that a basket of goods and services that cost \$100.00 in October 2019 would have cost \$100.06 in October 2020.

The All Groups CPI (+0.6%) through the year ending October 2020. The largest driver of the no movement in the annual came from Food and Non-Alcoholic Beverages (+1.1%) group, which was driven by Rice (+3.2%), Milk, cheese, and Eggs (+1.8%), Sugar, Jam, Honey, Chocolate, and Confectionery (+1.0%), Oil and Fats (+1.8%), Coffee, Tea, and Cocoa (+4.4%), Fish and Seafood (+1.3%), Fruits (+2.4%), Bread and Cereals (excluding rice) (+0.1%) and Food products (n.e.c) (+0.5%) subgroups. The rise was partially offset by Vegetables (-0.8%), Meat (-0.3%), no Mineral Waters, Soft Drinks, Fruit and Vegetable Juices (-0.6%) subgroups. The Education (+2.6%), Clothing and Footwear (+1.7%) and Housing (+0.7%). The largest partially offsetting movement to the rise in the 12-months rate is the Transports (-2.3%), Alcohol and Tobacco (-0.2%), Furnishing, Household Equipment and Routine Household Maintenance (-0.4%), and Communication (-0.7%) groups.



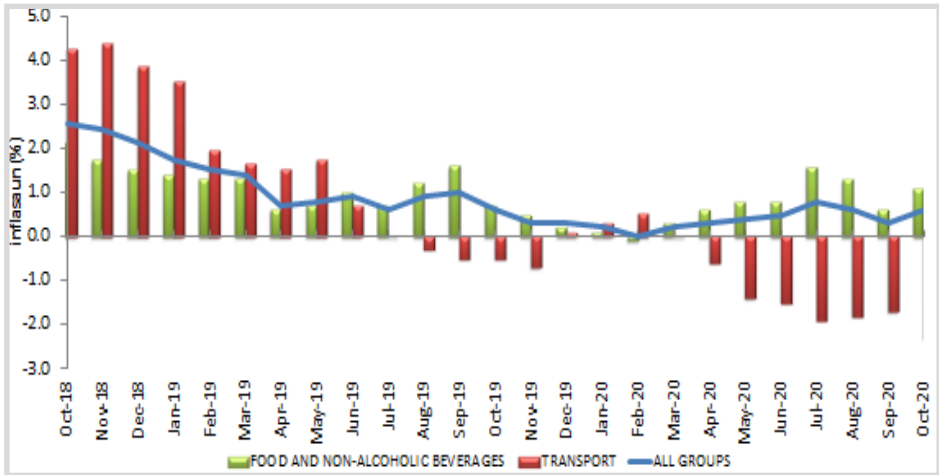
**Figure A: Contributions to the CPI 12-month rate, October 2020**



Source: General Directorate of Statistics, Ministry of Finance

**Notes:** Individual contributions may not sum to the total due to rounding.

**Figure B: CPI 12-month inflation rate with contributions for the period Oct 2020—Oct 2018**



Source: General Directorate of Statistics, Ministry of Finance

The sustained period of deflation as seen during the period October 2018 to October 2020 was largely driven by the Food and non-alcoholic beverage and Transport groups. The rebound in the 12-month CPI rate is driven by...

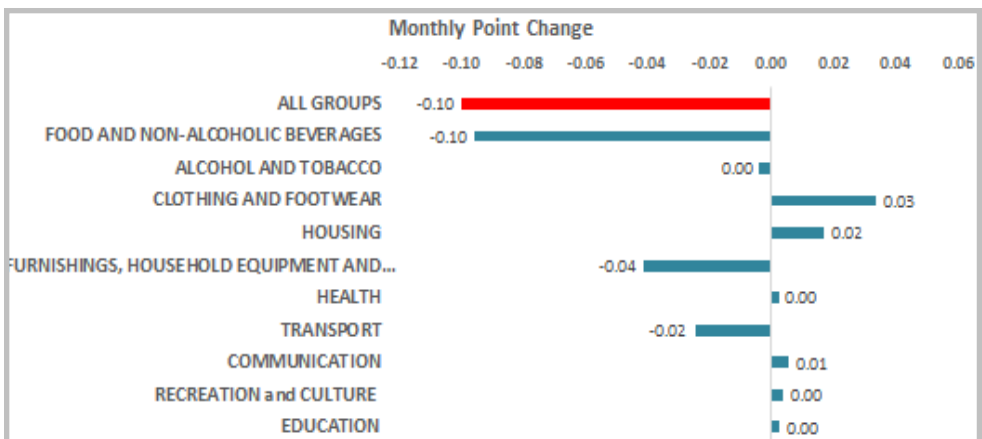
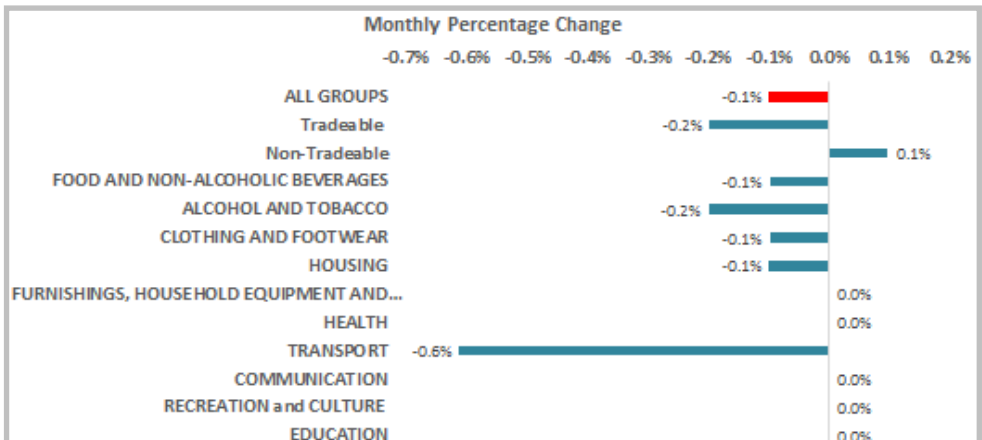
\*Core CPI is equal to All Groups CPI less Food and non-alcoholic beverages and Transport groups

## Consumer Price Index (CPI): What are the main movements?

The largest upward contributions to the change in the one month CPI rate (-0.1%) between October 2020 and September 2020, came from:

- **Food and non-alcoholic beverages (-0.1%):** which was significantly driven by **Rice (-0.4%), Sugar, Jam, Honey, Chocolate and Confectionery (-0.6%), Fish and Seafood (-0.1%), and Fruits (-0.7%)**. The largest partially offsetting movement to the fall is Vegetables (+0.2%).
- **Transports (-0.6%):** was driven by Operation of Personal Transport Equipment (-1.5%) sub group.
- **Alcohol and Tobacco (-0.2%):** this group was driven by Tobacco (-0.2%) sub group.
- **Clothing and Footwear (-0.1%):** was driven by Garment for Infant and Children (-0.3%) sub group.
- **Housing (-0.1%):** this group was driven by Maintenance and Repair of the dwelling (-1.5%).

Figure C: Contributions to the change in the CPI monthly rate, October 20 to September 20



Source: General Directorate of Statistics, Ministry of Finance

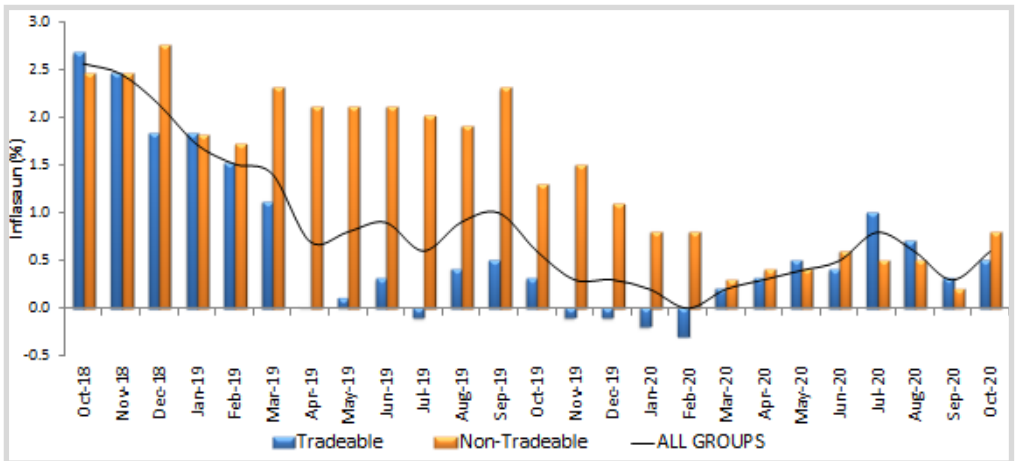
Notes: Individual contributions may not sum to the total due to rounding.

## Tradeable & Non-Tradable CPI

The CPI Tradable and Non-tradable series, measure the contribution of domestic (non-tradable) and imported (tradable) inflation to overall household inflation. Identifying the source of household inflation supports the understanding of the different drivers of inflation, as well as informing monetary and fiscal policy decisions .

The definition of a tradeable good or service is one that is exposed to a high level of international competition, and its price is influenced by such competition. Similarly, a non-tradeable good or service is exposed to low level of international competition, and its price is considered not to be affected by such competition. Inflation for non -tradable items should provide a relatively good sense of the extent to which demand exceeds (or falls short) of supply in the domestic economy. Tradable items are much more exposed to international competition, which includes many imported manufactured goods such as televisions and computers, as well as many food items. The prices of these items should be less influenced by conditions in the Timor-Leste economy, and more affected by prices set on world markets and fluctuations in the exchange rate.

**Figure E: Contribution of Tradeable CPI and Non-Tradable CPI to 12-month Inflation rate, Oct-20 to Oct-18**



**Source:** General Directorate of Statistics, Ministry of Finance

**Notes:** Individual contributions may not sum to the total due to rounding.

In reference to Figure E, the positive 12-month inflation as seen over the period October 2018 to October 2020 has been driven by international factors as indicated by the tradeable CPI rate. The 12-month CPI rate is currently at +0.6%, which was driven by the Tradeable (+0.5%) and Non-Tradeable (+0.8%). The analytical series are indicating that the current inflation rate is being driven by international price pressures and fluctuations in exchange rates.

TABLE 1. TIMOR-LESTE CPI

| October 2020                 |   | INDEX NUMBERS |              |              | PERCENTAGE CHANGE       |                        | POINTS CONTRIBUTION |              | POINTS CHANGE           |
|------------------------------|---|---------------|--------------|--------------|-------------------------|------------------------|---------------------|--------------|-------------------------|
|                              |   | Oct<br>2019   | Sept<br>2020 | Oct<br>2020  | Oct-20<br>to<br>Sept-20 | Oct-20<br>to<br>Oct-19 | Sept<br>2020        | Oct<br>2020  | Oct-20<br>to<br>Sept-20 |
| Groups and Expenditure Class |   |               |              |              |                         |                        |                     |              |                         |
| <b>a</b>                     | <b>ALL GROUPS</b>   | <b>100.7</b>  | <b>101.4</b> | <b>101.3</b> | <b>-0.1%</b>            | <b>0.6%</b>            | <b>101.4</b>        | <b>101.3</b> | <b>-0.10</b>            |
| <b>c</b>                     | <b>TRADEABLE CPI</b>  | <b>100.2</b>  | <b>100.9</b> | <b>100.7</b> | <b>-0.2%</b>            | <b>0.5%</b>            |                     |              |                         |
| <b>d</b>                     | <b>NON-TRADEABLE CPI</b>  | <b>101.8</b>  | <b>102.5</b> | <b>102.6</b> | <b>0.1%</b>             | <b>0.8%</b>            |                     |              |                         |
| <b>1</b>                     | <b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>                                   | <b>101.1</b>  | <b>102.3</b> | <b>102.2</b> | <b>-0.1%</b>            | <b>1.1%</b>            | <b>55.42</b>        | <b>55.32</b> | <b>-0.10</b>            |
| 1.1                          | Bread and cereals (excluding rice)  | 101.6         | 101.8        | 101.7        | -0.1%                   | 0.1%                   | 2.34                | 2.35         | 0.00                    |
| 1.2                          | Rice  | 97.9          | 101.4        | 101.0        | -0.4%                   | 3.2%                   | 12.72               | 12.66        | -0.06                   |
| 1.3                          | Meat  | 100.1         | 99.8         | 99.8         | 0.0%                    | -0.3%                  | 8.06                | 8.09         | 0.03                    |
| 1.4                          | Fish and seafood  | 99.1          | 100.5        | 100.4        | -0.1%                   | 1.3%                   | 3.13                | 3.15         | 0.02                    |
| 1.5                          | Milk, cheese and eggs   | 105.4         | 107.2        | 107.3        | 0.1%                    | 1.8%                   | 2.31                | 2.31         | 0.01                    |
| 1.6                          | Oils and fats   | 97.4          | 99.1         | 99.2         | 0.1%                    | 1.8%                   | 3.65                | 3.66         | 0.01                    |
| 1.7                          | Fruit   | 104.9         | 108.2        | 107.4        | -0.7%                   | 2.4%                   | 1.37                | 1.40         | 0.03                    |
| 1.8                          | Vegetables  | 109.4         | 108.3        | 108.5        | 0.2%                    | -0.8%                  | 10.25               | 10.08        | -0.17                   |
| 1.9                          | Sugar, jam, honey, chocolate and confectionery                            | 97.6          | 99.2         | 98.6         | -0.6%                   | 1.0%                   | 4.47                | 4.43         | -0.04                   |
| 1.10                         | Food products n.e.c.  | 99.3          | 99.8         | 99.8         | 0.0%                    | 0.5%                   | 3.86                | 3.87         | 0.01                    |
| 1.11                         | Coffee, tea and cocoa   | 99.9          | 104.3        | 104.3        | 0.0%                    | 4.4%                   | 1.83                | 1.89         | 0.06                    |
| 1.12                         | Mineral waters, soft drinks, fruit and vegetable juices                   | 101.2         | 100.6        | 100.6        | 0.0%                    | -0.6%                  | 0.79                | 0.79         | 0.00                    |
| 1.13                         | Prepared food/meals   | 100.0         | 100.0        | 100.0        | 0.0%                    | 0.0%                   | 0.64                | 0.64         | 0.00                    |
| <b>2</b>                     | <b>ALCOHOL AND TOBACCO</b>  | <b>100.5</b>  | <b>100.5</b> | <b>100.3</b> | <b>-0.2%</b>            | <b>-0.2%</b>           | <b>7.03</b>         | <b>7.03</b>  | <b>0.00</b>             |
| 2.1                          | Alcohol   | 100.0         | 98.0         | 98.0         | 0.0%                    | -2.0%                  | 1.62                | 1.62         | 0.00                    |
| 2.2                          | Tobacco   | 100.7         | 101.3        | 101.1        | -0.2%                   | 0.4%                   | 5.41                | 5.41         | -0.01                   |
| <b>3</b>                     | <b>CLOTHING AND FOOTWEAR</b>  | <b>100.2</b>  | <b>102.0</b> | <b>101.9</b> | <b>-0.1%</b>            | <b>1.7%</b>            | <b>7.06</b>         | <b>7.09</b>  | <b>0.03</b>             |
| 3.1                          | Garments for men  | 99.6          | 104.1        | 104.5        | 0.4%                    | 4.9%                   | 1.24                | 1.29         | 0.04                    |
| 3.2                          | Garments for women  | 101.4         | 100.8        | 100.9        | 0.1%                    | -0.5%                  | 1.17                | 1.17         | 0.00                    |
| 3.3                          | Garments for infants and children   | 98.9          | 102.2        | 101.9        | -0.3%                   | 3.0%                   | 2.44                | 2.44         | -0.01                   |
| 3.4                          | Footwear and clothing accessories   | 101.2         | 101.3        | 101.0        | -0.3%                   | -0.2%                  | 2.20                | 2.19         | 0.00                    |
| <b>4</b>                     | <b>HOUSING</b>  | <b>99.1</b>   | <b>99.9</b>  | <b>99.8</b>  | <b>-0.1%</b>            | <b>0.7%</b>            | <b>6.27</b>         | <b>6.28</b>  | <b>0.02</b>             |
| 4.1                          | Actual rentals paid by tenants  | 100.0         | 100.0        | 100.0        | 0.0%                    | 0.0%                   | 0.07                | 0.07         | 0.00                    |
| 4.2                          | Maintenance and repair of the dwelling                                    | 99.4          | 97.0         | 96.9         | -0.1%                   | -2.5%                  | 1.01                | 1.01         | 0.00                    |
| 4.3                          | Water, electricity, gas and other fuels                                   | 99.0          | 100.4        | 100.4        | 0.0%                    | 1.4%                   | 5.19                | 5.21         | 0.02                    |
|                              | <b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b> |               |              |              |                         |                        |                     |              |                         |
| <b>5</b>                     |   | <b>99.0</b>   | <b>98.6</b>  | <b>98.6</b>  | <b>0.0%</b>             | <b>-0.4%</b>           | <b>7.79</b>         | <b>7.75</b>  | <b>-0.04</b>            |
| 5.1                          | Household furniture and textiles  | 100.2         | 100.2        | 100.2        | 0.0%                    | 0.0%                   | 1.06                | 1.06         | 0.00                    |
| 5.2                          | Household appliances  | 100.0         | 99.8         | 99.8         | 0.0%                    | -0.2%                  | 1.05                | 1.05         | 0.00                    |
| 5.3                          | Goods and services for routine household maintenance                      | 98.6          | 98.1         | 98.1         | 0.0%                    | -0.5%                  | 5.67                | 5.63         | -0.04                   |
| <b>6</b>                     | <b>HEALTH</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>0.0%</b>             | <b>0.0%</b>            | <b>1.93</b>         | <b>1.93</b>  | <b>0.00</b>             |
| 6.1                          | Medical products, appliances and equipment                                | 100.0         | 100.0        | 100.0        | 0.0%                    | 0.0%                   | 1.69                | 1.69         | 0.00                    |
| 6.2                          | Medical and Hospital services   | 100.0         | 100.0        | 100.0        | 0.0%                    | 0.0%                   | 0.24                | 0.24         | 0.00                    |
| <b>7</b>                     | <b>TRANSPORT</b>  | <b>99.7</b>   | <b>98.0</b>  | <b>97.4</b>  | <b>-0.6%</b>            | <b>-2.3%</b>           | <b>5.69</b>         | <b>5.67</b>  | <b>-0.02</b>            |
| 7.1                          | Purchase of vehicles  | 101.4         | 103.7        | 103.7        | 0.0%                    | 2.3%                   | 1.22                | 1.22         | 0.00                    |
| 7.2                          | Operation of personal transport equipment                                 | 98.6          | 93.2         | 91.8         | -1.5%                   | -6.9%                  | 2.22                | 2.19         | -0.03                   |
| 7.3                          | Transport services  | 100.0         | 100.0        | 100.0        | 0.0%                    | 0.0%                   | 2.26                | 2.26         | 0.00                    |
| <b>8</b>                     | <b>COMMUNICATION</b>  | <b>100.2</b>  | <b>99.5</b>  | <b>99.5</b>  | <b>0.0%</b>             | <b>-0.7%</b>           | <b>4.73</b>         | <b>4.74</b>  | <b>0.01</b>             |
| 8.1                          | Telecommunication equipment and services                                  | 100.2         | 99.5         | 99.5         | 0.0%                    | -0.7%                  | 4.73                | 4.74         | 0.01                    |
| <b>9</b>                     | <b>RECREATION and CULTURE</b>   | <b>100.2</b>  | <b>100.2</b> | <b>100.2</b> | <b>0.0%</b>             | <b>0.0%</b>            | <b>3.48</b>         | <b>3.48</b>  | <b>0.00</b>             |
| 9.1                          | Audio-visual, photographic and information processing equipment           | 99.2          | 97.6         | 97.6         | 0.0%                    | -1.6%                  | 0.33                | 0.33         | 0.00                    |
| 9.2                          | Recreational items and cultural services                                  | 100.0         | 100.3        | 100.3        | 0.0%                    | 0.3%                   | 1.88                | 1.89         | 0.00                    |
| 9.3                          | Newspapers, books and stationery  | 100.7         | 100.7        | 100.7        | 0.0%                    | 0.0%                   | 1.27                | 1.27         | 0.00                    |
| <b>10</b>                    | <b>EDUCATION</b>  | <b>109.0</b>  | <b>111.8</b> | <b>111.8</b> | <b>0.0%</b>             | <b>2.6%</b>            | <b>2.00</b>         | <b>2.00</b>  | <b>0.00</b>             |
| 10.1                         | Education   | 109.0         | 111.8        | 111.8        | 0.0%                    | 2.6%                   | 2.00                | 2.00         | 0.00                    |

TABLE 2. DILI - analytical index

| October 2020                 |   | INDEX NUMBERS |              |              | PERCENTAGE CHANGE |              | POINTS CONTRIBUTION |              | POINTS CHANGE |
|------------------------------|---|---------------|--------------|--------------|-------------------|--------------|---------------------|--------------|---------------|
|                              |   | Oct           | Sept         | Oct          | Oct-20            | Oct-20       | Sept                | Oct          | Oct-20        |
| Groups and Expenditure Class |   | 2019          | 2020         | 2020         | to                | to           | 2020                | 2020         | to            |
|                              |   |               |              |              | Sept-20           | Oct-19       |                     |              | Sept-20       |
| <b>a</b>                     | <b>ALL GROUPS</b>   | <b>101.5</b>  | <b>101.8</b> | <b>101.4</b> | <b>-0.4%</b>      | <b>-0.1%</b> | <b>101.8</b>        | <b>101.4</b> | <b>-0.40</b>  |
| <b>1</b>                     | <b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>                                   | <b>102.7</b>  | <b>103.3</b> | <b>102.8</b> | <b>-0.5%</b>      | <b>0.1%</b>  | <b>52.90</b>        | <b>52.50</b> | <b>-0.40</b>  |
| 1.1                          | Bread and cereals (excluding rice)  | 102.0         | 102.2        | 102.1        | -0.1%             | 0.1%         | 2.74                | 2.74         | 0.00          |
| 1.2                          | Rice  | 99.0          | 102.2        | 100.7        | -1.5%             | 1.7%         | 8.00                | 7.92         | -0.09         |
| 1.3                          | Meat  | 100.4         | 98.9         | 98.9         | 0.0%              | -1.5%        | 8.64                | 8.64         | 0.00          |
| 1.4                          | Fish and seafood  | 98.9          | 100.3        | 100.3        | 0.0%              | 1.4%         | 3.88                | 3.91         | 0.03          |
| 1.5                          | Milk, cheese and eggs   | 106.8         | 110.2        | 109.6        | -0.5%             | 2.6%         | 3.02                | 3.01         | -0.01         |
| 1.6                          | Oils and fats   | 98.5          | 100.1        | 100.7        | 0.6%              | 2.2%         | 2.65                | 2.68         | 0.02          |
| 1.7                          | Fruit   | 107.7         | 109.4        | 108.6        | -0.7%             | 0.8%         | 2.18                | 2.22         | 0.04          |
| 1.8                          | Vegetables  | 112.6         | 110.2        | 109.7        | -0.5%             | -2.6%        | 11.43               | 11.05        | -0.39         |
|                              | Sugar, jam, honey, chocolate and confectionery                            | 96.3          | 100.1        | 98.1         | -2.0%             | 1.9%         | 3.06                | 2.97         | -0.09         |
| 1.10                         | Food products n.e.c.  | 99.3          | 99.9         | 99.9         | 0.0%              | 0.6%         | 3.70                | 3.71         | 0.01          |
| 1.11                         | Coffee, tea and cocoa   | 97.6          | 103.8        | 103.8        | 0.0%              | 6.4%         | 1.31                | 1.37         | 0.06          |
|                              | Mineral waters, soft drinks, fruit and vegetable juices                   | 101.2         | 100.2        | 100.2        | 0.0%              | -1.0%        | 0.98                | 0.98         | 0.00          |
| 1.12                         | Prepared food/meals   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 1.30                | 1.30         | 0.00          |
| <b>2</b>                     | <b>ALCOHOL AND TOBACCO</b>  | <b>99.2</b>   | <b>98.7</b>  | <b>98.7</b>  | <b>0.0%</b>       | <b>-0.5%</b> | <b>5.24</b>         | <b>5.25</b>  | <b>0.01</b>   |
| 2.1                          | Alcohol   | 101.2         | 99.6         | 99.6         | 0.0%              | -1.6%        | 1.64                | 1.64         | 0.00          |
| 2.2                          | Tobacco   | 98.3          | 98.3         | 98.3         | 0.0%              | 0.0%         | 3.60                | 3.61         | 0.00          |
| <b>3</b>                     | <b>CLOTHING AND FOOTWEAR</b>  | <b>100.0</b>  | <b>102.4</b> | <b>102.3</b> | <b>-0.1%</b>      | <b>2.3%</b>  | <b>6.37</b>         | <b>6.37</b>  | <b>0.00</b>   |
| 3.1                          | Garments for men  | 99.5          | 101.7        | 102.4        | 0.7%              | 2.9%         | 0.92                | 0.93         | 0.01          |
|                              | Garments for women  | 101.7         | 100.8        | 100.9        | 0.1%              | -0.8%        | 0.96                | 0.96         | 0.00          |
| 3.3                          | Garments for infants and children   | 98.4          | 103.9        | 103.6        | -0.3%             | 5.3%         | 2.64                | 2.64         | 0.00          |
| 3.4                          | Footwear and clothing accessories   | 101.6         | 101.7        | 101.2        | -0.5%             | -0.4%        | 1.85                | 1.84         | -0.01         |
| <b>4</b>                     | <b>HOUSING</b>  | <b>99.0</b>   | <b>99.6</b>  | <b>99.6</b>  | <b>0.0%</b>       | <b>0.6%</b>  | <b>7.32</b>         | <b>7.33</b>  | <b>0.01</b>   |
| 4.1                          | Actual rentals paid by tenants  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 0.17                | 0.17         | 0.00          |
| 4.2                          | Maintenance and repair of the dwelling                                    | 99.5          | 98.4         | 98.7         | 0.3%              | -0.8%        | 0.23                | 0.23         | 0.00          |
| 4.3                          | Water, electricity, gas and other fuels                                   | 99.0          | 99.6         | 99.6         | 0.0%              | 0.6%         | 6.92                | 6.93         | 0.01          |
| <b>5</b>                     | <b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b> | <b>98.8</b>   | <b>99.5</b>  | <b>99.5</b>  | <b>0.0%</b>       | <b>0.7%</b>  | <b>7.11</b>         | <b>7.12</b>  | <b>0.01</b>   |
| 5.1                          | Household furniture and textiles  | 99.9          | 99.9         | 99.9         | 0.0%              | 0.0%         | 1.28                | 1.28         | 0.00          |
| 5.2                          | Household appliances  | 100.1         | 99.9         | 99.9         | 0.0%              | -0.2%        | 0.99                | 0.99         | 0.00          |
|                              | Goods and services for routine household maintenance                      | 98.3          | 99.3         | 99.3         | 0.0%              | 1.0%         | 4.84                | 4.85         | 0.01          |
| <b>6</b>                     | <b>HEALTH</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>0.0%</b>       | <b>0.0%</b>  | <b>2.21</b>         | <b>2.21</b>  | <b>0.00</b>   |
| 6.1                          | Medical products, appliances and equipment                                | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 1.93                | 1.93         | 0.00          |
| 6.2                          | Medical and Hospital services   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 0.28                | 0.28         | 0.00          |
| <b>7</b>                     | <b>TRANSPORT</b>  | <b>99.6</b>   | <b>96.8</b>  | <b>96.2</b>  | <b>-0.6%</b>      | <b>-3.4%</b> | <b>8.14</b>         | <b>8.10</b>  | <b>-0.04</b>  |
| 7.1                          | Purchase of vehicles  | 101.7         | 104.4        | 104.4        | 0.0%              | 2.7%         | 1.70                | 1.71         | 0.00          |
| 7.2                          | Operation of personal transport equipment                                 | 98.3          | 91.2         | 89.9         | -1.4%             | -8.5%        | 3.51                | 3.46         | -0.04         |
| 7.3                          | Transport services  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 2.92                | 2.93         | 0.00          |
| <b>8</b>                     | <b>COMMUNICATION</b>  | <b>100.3</b>  | <b>99.4</b>  | <b>99.4</b>  | <b>0.0%</b>       | <b>-0.9%</b> | <b>4.84</b>         | <b>4.85</b>  | <b>0.01</b>   |
| 8.1                          | Telecommunication equipment and services                                  | 100.3         | 99.4         | 99.4         | 0.0%              | -0.9%        | 4.84                | 4.85         | 0.01          |
| <b>9</b>                     | <b>RECREATION and CULTURE</b>   | <b>100.2</b>  | <b>100.3</b> | <b>100.3</b> | <b>0.0%</b>       | <b>0.1%</b>  | <b>4.22</b>         | <b>4.23</b>  | <b>0.00</b>   |
|                              | Audio-visual, photographic and information processing equipment           | 99.3          | 97.8         | 97.8         | 0.0%              | -1.5%        | 0.48                | 0.48         | 0.00          |
| 9.2                          | Recreational items and cultural services                                  | 99.9          | 100.6        | 100.6        | 0.0%              | 0.7%         | 2.02                | 2.02         | 0.00          |
| 9.3                          | Newspapers, books and stationery  | 100.7         | 100.7        | 100.7        | 0.0%              | 0.0%         | 1.72                | 1.72         | 0.00          |
| <b>10</b>                    | <b>EDUCATION</b>  | <b>110.1</b>  | <b>110.1</b> | <b>110.1</b> | <b>0.0%</b>       | <b>0.0%</b>  | <b>3.45</b>         | <b>3.45</b>  | <b>0.00</b>   |
| 10                           | Education   | 110.1         | 110.1        | 110.1        | 0.0%              | 0.0%         | 3.45                | 3.45         | 0.00          |

**TABLE 3. BAUCAU - analytical index**

| October 2020                 |   | INDEX NUMBERS |              |              | PERCENTAGE CHANGE |                  | POINTS CONTRIBUTION |              | POINTS CHANGE     |
|------------------------------|---|---------------|--------------|--------------|-------------------|------------------|---------------------|--------------|-------------------|
|                              |   | Oct 2019      | Sept 2020    | Oct 2020     | Oct-20 to Sept-20 | Oct-20 to Oct-19 | Sept 2020           | Oct 2020     | Oct-20 to Sept-20 |
| Groups and Expenditure Class |   |               |              |              |                   |                  |                     |              |                   |
| <b>a</b>                     | <b>ALL GROUPS</b>   | <b>99.5</b>   | <b>99.4</b>  | <b>99.4</b>  | <b>0.0%</b>       | <b>-0.1%</b>     | <b>99.4</b>         | <b>99.4</b>  | <b>0.00</b>       |
| <b>1</b>                     | <b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>                                   | <b>99.7</b>   | <b>100.1</b> | <b>100.2</b> | <b>0.1%</b>       | <b>0.5%</b>      | <b>56.80</b>        | <b>56.92</b> | <b>0.12</b>       |
| 1.1                          | Bread and cereals (excluding rice)  | 100.1         | 100.1        | 100.1        | 0.0%              | 0.0%             | 1.97                | 1.98         | 0.00              |
| 1.2                          | Rice  | 95.3          | 97.0         | 97.0         | 0.0%              | 1.8%             | 12.85               | 12.86        | 0.01              |
| 1.3                          | Meat  | 100.0         | 99.5         | 99.5         | 0.0%              | -0.5%            | 9.34                | 9.30         | -0.03             |
| 1.4                          | Fish and seafood  | 99.6          | 99.6         | 99.6         | 0.0%              | 0.0%             | 3.13                | 3.14         | 0.01              |
| 1.5                          | Milk, cheese and eggs   | 97.9          | 98.5         | 103.1        | 4.7%              | 5.3%             | 1.75                | 1.84         | 0.09              |
| 1.6                          | Oils and fats   | 93.9          | 93.9         | 93.9         | 0.0%              | 0.0%             | 3.12                | 3.12         | 0.00              |
| 1.7                          | Fruit   | 100.0         | 100.5        | 100.5        | 0.0%              | 0.5%             | 1.27                | 1.27         | 0.00              |
| 1.8                          | Vegetables  | 106.5         | 106.5        | 106.5        | 0.0%              | 0.0%             | 11.35               | 11.37        | 0.02              |
| 1.9                          | Sugar, jam, honey, chocolate and confectionery                            | 95.0          | 95.0         | 95.0         | 0.0%              | 0.0%             | 4.41                | 4.42         | 0.01              |
| 1.10                         | Food products n.e.c.  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 3.95                | 3.96         | 0.01              |
| 1.11                         | Coffee, tea and cocoa   | 110.0         | 110.0        | 110.0        | 0.0%              | 0.0%             | 2.78                | 2.78         | 0.00              |
| 1.12                         | Mineral waters, soft drinks, fruit and vegetable juices                   | 99.9          | 100.1        | 100.1        | 0.0%              | 0.2%             | 0.84                | 0.84         | 0.00              |
| 1.13                         | Prepared food/meals   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 0.05                | 0.05         | 0.00              |
| <b>2</b>                     | <b>ALCOHOL AND TOBACCO</b>  | <b>95.3</b>   | <b>95.3</b>  | <b>95.3</b>  | <b>0.0%</b>       | <b>0.0%</b>      | <b>6.90</b>         | <b>6.91</b>  | <b>0.01</b>       |
| 2.1                          | Alcohol   | 97.4          | 97.4         | 97.4         | 0.0%              | 0.0%             | 2.57                | 2.57         | 0.00              |
| 2.2                          | Tobacco   | 94.1          | 94.1         | 94.1         | 0.0%              | 0.0%             | 4.33                | 4.34         | 0.01              |
| <b>3</b>                     | <b>CLOTHING AND FOOTWEAR</b>  | <b>100.2</b>  | <b>101.8</b> | <b>101.8</b> | <b>0.0%</b>       | <b>1.6%</b>      | <b>14.11</b>        | <b>14.43</b> | <b>0.33</b>       |
| 3.1                          | Garments for men  | 100.0         | 110.4        | 110.4        | 0.0%              | 10.4%            | 2.92                | 3.22         | 0.31              |
| 3.2                          | Garments for women  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 2.51                | 2.52         | 0.00              |
| 3.3                          | Garments for infants and children   | 100.6         | 98.6         | 98.6         | 0.0%              | -2.0%            | 3.66                | 3.67         | 0.01              |
| 3.4                          | Footwear and clothing accessories   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 5.01                | 5.02         | 0.01              |
| <b>4</b>                     | <b>HOUSING</b>  | <b>100.6</b>  | <b>100.6</b> | <b>100.4</b> | <b>-0.2%</b>      | <b>-0.2%</b>     | <b>2.61</b>         | <b>2.61</b>  | <b>0.00</b>       |
| 4.2                          | Maintenance and repair of the dwelling                                    | 101.7         | 101.6        | 100.8        | -0.8%             | -0.9%            | 0.88                | 0.88         | 0.00              |
| 4.3                          | Water, electricity, gas and other fuels                                   | 100.1         | 100.2        | 100.2        | 0.0%              | 0.1%             | 1.73                | 1.73         | 0.00              |
| <b>5</b>                     | <b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b> | <b>100.3</b>  | <b>93.6</b>  | <b>93.6</b>  | <b>0.0%</b>       | <b>-6.7%</b>     | <b>8.70</b>         | <b>8.23</b>  | <b>-0.47</b>      |
| 5.1                          | Household furniture and textiles  | 98.2          | 99.3         | 99.3         | 0.0%              | 1.1%             | 0.13                | 0.13         | 0.00              |
| 5.2                          | Household appliances  | 97.2          | 96.8         | 96.8         | 0.0%              | -0.4%            | 0.30                | 0.28         | -0.02             |
| 5.3                          | Goods and services for routine household maintenance                      | 100.4         | 93.4         | 93.4         | 0.0%              | -7.0%            | 8.28                | 7.82         | -0.46             |
| <b>6</b>                     | <b>HEALTH</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>0.0%</b>       | <b>0.0%</b>      | <b>1.24</b>         | <b>1.24</b>  | <b>0.00</b>       |
| 6.1                          | Medical products, appliances and equipment                                | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 1.08                | 1.08         | 0.00              |
| 6.2                          | Medical and Hospital services   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 0.16                | 0.16         | 0.00              |
| <b>7</b>                     | <b>TRANSPORT</b>  | <b>100.8</b>  | <b>99.3</b>  | <b>99.1</b>  | <b>-0.2%</b>      | <b>-1.7%</b>     | <b>1.51</b>         | <b>1.51</b>  | <b>0.00</b>       |
| 7.1                          | Purchase of vehicles  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 0.01                | 0.01         | 0.00              |
| 7.2                          | Operation of personal transport equipment                                 | 102.8         | 97.5         | 96.9         | -0.6%             | -5.7%            | 0.41                | 0.41         | 0.00              |
| 7.3                          | Transport services  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 1.09                | 1.09         | 0.00              |
| <b>8</b>                     | <b>COMMUNICATION</b>  | <b>99.4</b>   | <b>99.4</b>  | <b>99.4</b>  | <b>0.0%</b>       | <b>0.0%</b>      | <b>4.70</b>         | <b>4.71</b>  | <b>0.01</b>       |
| 8.1                          | Telecommunication equipment and services                                  | 99.4          | 99.4         | 99.4         | 0.0%              | 0.0%             | 4.70                | 4.71         | 0.01              |
| <b>9</b>                     | <b>RECREATION and CULTURE</b>   | <b>99.9</b>   | <b>99.7</b>  | <b>99.7</b>  | <b>0.0%</b>       | <b>-0.2%</b>     | <b>1.76</b>         | <b>1.76</b>  | <b>0.00</b>       |
| 9.1                          | Audio-visual, photographic and information processing equipment           | 95.5          | 74.8         | 74.8         | 0.0%              | -21.7%           | 0.02                | 0.02         | 0.00              |
| 9.2                          | Recreational items and cultural services                                  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 0.97                | 0.97         | 0.00              |
| 9.3                          | Newspapers, books and stationery  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 0.78                | 0.78         | 0.00              |
| <b>10</b>                    | <b>EDUCATION</b>  | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>0.0%</b>       | <b>0.0%</b>      | <b>1.08</b>         | <b>1.08</b>  | <b>0.00</b>       |
| 10                           | Education   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%             | 1.08                | 1.08         | 0.00              |

TABLE 2. OTHERS - analytical index

| October 2020                 |   | INDEX NUMBERS |              |              | PERCENTAGE CHANGE |              | POINTS CONTRIBUTION |              | POINTS CHANGE |
|------------------------------|---|---------------|--------------|--------------|-------------------|--------------|---------------------|--------------|---------------|
|                              |   | Oct           | Sept         | Oct          | Oct-20            | Oct-20       | Sept                | Oct          | Oct-20        |
| Groups and Expenditure Class |   | 2019          | 2020         | 2020         | to                | to           | 2020                | 2020         | to            |
|                              |   |               |              |              | Sept-20           | Oct-19       |                     |              | Sept-20       |
| <b>a</b>                     | <b>ALL GROUPS</b>   | <b>100.2</b>  | <b>101.5</b> | <b>101.5</b> | <b>0.0%</b>       | <b>1.3%</b>  | <b>101.5</b>        | <b>101.5</b> | <b>0.00</b>   |
| <b>1</b>                     | <b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>                                   | <b>100.2</b>  | <b>102.0</b> | <b>102.1</b> | <b>0.1%</b>       | <b>1.9%</b>  | <b>57.05</b>        | <b>57.05</b> | <b>0.00</b>   |
| 1.1                          | Bread and cereals (excluding rice)  | 101.4         | 101.6        | 101.5        | -0.1%             | 0.1%         | 2.12                | 2.12         | 0.00          |
| 1.2                          | Rice  | 98.0          | 101.8        | 101.7        | -0.1%             | 3.8%         | 16.25               | 16.25        | 0.00          |
| 1.3                          | Meat  | 99.8          | 100.7        | 100.7        | 0.0%              | 0.9%         | 7.37                | 7.37         | 0.00          |
| 1.4                          | Fish and seafood  | 99.2          | 100.8        | 100.8        | 0.0%              | 1.6%         | 2.57                | 2.57         | 0.00          |
| 1.5                          | Milk, cheese and eggs   | 105.1         | 105.5        | 105.4        | -0.1%             | 0.3%         | 1.88                | 1.88         | 0.00          |
| 1.6                          | Oils and fats   | 97.4          | 99.3         | 99.3         | 0.0%              | 2.0%         | 4.51                | 4.51         | 0.00          |
| 1.7                          | Fruit   | 100.7         | 108.2        | 107.2        | -0.9%             | 6.5%         | 0.78                | 0.78         | 0.00          |
| 1.8                          | Vegetables  | 107.2         | 107.0        | 107.9        | 0.8%              | 0.7%         | 9.15                | 9.15         | 0.00          |
|                              | Sugar, jam, honey, chocolate and confectionery                            | 98.4          | 99.4         | 99.2         | -0.2%             | 0.8%         | 5.53                | 5.53         | 0.00          |
| 1.10                         | Food products n.e.c.  | 99.2          | 99.6         | 99.6         | 0.0%              | 0.4%         | 3.96                | 3.96         | 0.00          |
| 1.11                         | Coffee, tea and cocoa   | 98.6          | 103.2        | 103.2        | 0.0%              | 4.7%         | 2.05                | 2.05         | 0.00          |
|                              | Mineral waters, soft drinks, fruit and vegetable juices                   | 101.4         | 101.3        | 101.3        | 0.0%              | -0.1%        | 0.63                | 0.63         | 0.00          |
| 1.12                         | Prepared food/meals   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 0.26                | 0.26         | 0.00          |
| <b>2</b>                     | <b>ALCOHOL AND TOBACCO</b>  | <b>102.1</b>  | <b>102.3</b> | <b>102.0</b> | <b>-0.3%</b>      | <b>-0.1%</b> | <b>8.40</b>         | <b>8.40</b>  | <b>0.00</b>   |
| 2.1                          | Alcohol   | 99.9          | 96.9         | 96.9         | 0.0%              | -3.0%        | 1.42                | 1.42         | 0.00          |
| 2.2                          | Tobacco   | 102.5         | 103.4        | 103.1        | -0.3%             | 0.6%         | 6.99                | 6.99         | 0.00          |
| <b>3</b>                     | <b>CLOTHING AND FOOTWEAR</b>  | <b>100.3</b>  | <b>101.8</b> | <b>101.6</b> | <b>-0.2%</b>      | <b>1.3%</b>  | <b>6.22</b>         | <b>6.22</b>  | <b>0.00</b>   |
| 3.1                          | Garments for men  | 99.5          | 102.4        | 103.0        | 0.6%              | 3.5%         | 1.17                | 1.17         | 0.00          |
|                              | Garments for women  | 101.9         | 101.1        | 101.2        | 0.1%              | -0.7%        | 1.08                | 1.08         | 0.00          |
| 3.3                          | Garments for infants and children   | 98.8          | 101.9        | 101.4        | -0.5%             | 2.6%         | 2.06                | 2.06         | 0.00          |
| 3.4                          | Footwear and clothing accessories   | 101.6         | 101.7        | 101.2        | -0.5%             | -0.4%        | 1.92                | 1.92         | 0.00          |
| <b>4</b>                     | <b>HOUSING</b>  | <b>99.0</b>   | <b>100.1</b> | <b>100.0</b> | <b>-0.1%</b>      | <b>1.0%</b>  | <b>6.18</b>         | <b>6.18</b>  | <b>0.00</b>   |
| 4.1                          | Actual rentals paid by tenants  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 0.00                | 0.00         | 0.00          |
| 4.2                          | Maintenance and repair of the dwelling                                    | 99.2          | 96.4         | 96.3         | -0.1%             | -2.9%        | 1.63                | 1.63         | 0.00          |
| 4.3                          | Water, electricity, gas and other fuels                                   | 98.9          | 101.4        | 101.4        | 0.0%              | 2.5%         | 4.55                | 4.55         | 0.00          |
| <b>5</b>                     | <b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b> | <b>98.9</b>   | <b>99.0</b>  | <b>99.0</b>  | <b>0.0%</b>       | <b>0.1%</b>  | <b>8.12</b>         | <b>8.12</b>  | <b>0.00</b>   |
| 5.1                          | Household furniture and textiles  | 100.5         | 100.5        | 100.5        | 0.0%              | 0.0%         | 1.08                | 1.08         | 0.00          |
| 5.2                          | Household appliances  | 100.1         | 99.9         | 99.9         | 0.0%              | -0.2%        | 1.24                | 1.24         | 0.00          |
|                              | Goods and services for routine household maintenance                      | 98.3          | 98.6         | 98.6         | 0.0%              | 0.3%         | 5.80                | 5.80         | 0.00          |
| <b>6</b>                     | <b>HEALTH</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>0.0%</b>       | <b>0.0%</b>  | <b>1.86</b>         | <b>1.86</b>  | <b>0.00</b>   |
| 6.1                          | Medical products, appliances and equipment                                | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 1.62                | 1.62         | 0.00          |
| 6.2                          | Medical and Hospital services   | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 0.24                | 0.24         | 0.00          |
| <b>7</b>                     | <b>TRANSPORT</b>  | <b>99.8</b>   | <b>99.4</b>  | <b>98.8</b>  | <b>-0.6%</b>      | <b>-1.0%</b> | <b>4.66</b>         | <b>4.66</b>  | <b>0.00</b>   |
| 7.1                          | Purchase of vehicles  | 100.9         | 102.9        | 102.9        | 0.0%              | 2.0%         | 1.09                | 1.09         | 0.00          |
| 7.2                          | Operation of personal transport equipment                                 | 98.8          | 96.4         | 94.8         | -1.7%             | -4.0%        | 1.59                | 1.59         | 0.00          |
| 7.3                          | Transport services  | 100.0         | 100.0        | 100.0        | 0.0%              | 0.0%         | 1.98                | 1.98         | 0.00          |
| <b>8</b>                     | <b>COMMUNICATION</b>  | <b>100.2</b>  | <b>99.6</b>  | <b>99.6</b>  | <b>0.0%</b>       | <b>-0.6%</b> | <b>4.66</b>         | <b>4.66</b>  | <b>0.00</b>   |
| 8.1                          | Telecommunication equipment and services                                  | 100.2         | 99.6         | 99.6         | 0.0%              | -0.6%        | 4.66                | 4.66         | 0.00          |
| <b>9</b>                     | <b>RECREATION and CULTURE</b>   | <b>100.2</b>  | <b>100.1</b> | <b>100.1</b> | <b>0.0%</b>       | <b>-0.1%</b> | <b>3.25</b>         | <b>3.25</b>  | <b>0.00</b>   |
|                              | Audio-visual, photographic and information processing equipment           | 99.2          | 97.7         | 97.7         | 0.0%              | -1.5%        | 0.27                | 0.27         | 0.00          |
| 9.2                          | Recreational items and cultural services                                  | 100.0         | 100.1        | 100.1        | 0.0%              | 0.1%         | 1.96                | 1.96         | 0.00          |
| 9.3                          | Newspapers, books and stationery  | 100.7         | 100.7        | 100.7        | 0.0%              | 0.0%         | 1.03                | 1.03         | 0.00          |
| <b>10</b>                    | <b>EDUCATION</b>  | <b>108.0</b>  | <b>118.9</b> | <b>118.9</b> | <b>0.0%</b>       | <b>10.1%</b> | <b>1.09</b>         | <b>1.09</b>  | <b>0.00</b>   |
| 10                           | Education   | 108.0         | 118.9        | 118.9        | 0.0%              | 10.1%        | 1.09                | 1.09         | 0.00          |



## EXPLANATORY NOTES

### **NOTE TO USERS**

The Series 3 index incorporate the outcomes of a major review and reweighting of the Timor-Leste CPI. The new weights are based on the results of the 2014-15 Living Standard Survey. Two information papers were published about the review. The first— *‘Timor-Leste Consumer Price Index (CPI), Series 3 2018: Issues for Consideration’* was published in 2017 and sought the views of users on a range of issues under consideration in the review and reweighting exercise. The second *‘Technical Note of Timor-Leste Consumer Price Index Series 3 Reweight’* was published on October 2018 and set out the methodology and result of CPI Series 3. Both information papers can be found on the website of the General Directorate of Statistics (GDS) at [www.statistics.gov.tl](http://www.statistics.gov.tl)

### **BRIEF DESCRIPTION OF THE CPI**

The Consumer Price Index (CPI) measures changes over time in the price of a ‘basket’ of goods and services which account for a high proportion of expenditure by resident private households. This ‘basket’ covers a wide range of goods and services, arranged in the following ten groups:

1. *Food and non-alcoholic beverages*; 2. *Alcohol and tobacco*; 3. *Clothing and footwear*; 4. *Housing*;
5. *Furnishings, household equipment and routine household maintenance*; 6. *Health*; 7. *Transport*,
8. *Communication*; 9. *Recreation and culture*; 10. *Education*.

Further information about the Timor-Leste CPI is contained in *A Guide to the Timor-Leste CPI* which can be downloaded from the DGE website at [www.statistics.gov.tl](http://www.statistics.gov.tl)

### **INDEXES PUBLISHED**

CPI figures are produced by the General Directorate Statistics (GDS) for each month and are released within one month of the end of the reference period.

The primary index published by GDS is the Timor-Leste Consumer Price Index. The data for this national index are presented in Key Figures and Table 1 of the publication.

GDS also publishes three secondary indexes for analytical purposes – the first, representing Dili price movements, the second, representing price movements in Baucau and the third represents price movements for other Timor-Leste municipalities (termed ‘Others’). These analytical series are compiled by taking subsets of the CPI basket, and are presented in Tables 2,3 and 4 in the publication.

### **COLLECTING PRICES FOR THE CPI**

The collection of prices is largely carried out by trained field staff operating from Head office in Dili. The collection of prices in municipalities beyond Dili is carried out by GDS staff operating out of various offices of the DGE, while some prices are collected by special surveys.

### **WEIGHTING PATTERN**

There are 35 expenditure classes (that is, categories of like items) in the Series 3 CPI and each expenditure class has its own weight, or measure of relative importance. In calculating the index, price changes for the various expenditure classes are combined using these weights. The Series 3 CPI weighting pattern is also available on the DGE website at [www.statistics.gov.tl](http://www.statistics.gov.tl)



### **ANALYSIS OF CPI CHANGES**

Movements in indexes from one period to another can be expressed either as changes in index points or as percentage changes. Percentage changes are calculated to illustrate two different kinds of movements in index numbers:

- movements between corresponding months of consecutive years
- movements between consecutive months

The following example illustrates the method of calculating changes in index points and percentage changes between any two periods:

All groups CPI: Dili index numbers:

|                        |                                   |
|------------------------|-----------------------------------|
| January 2013           | 101.4                             |
| less January 2012      | 90.7                              |
| Change in index points | 10.7                              |
| Percentage change      | $10.7 / 90.7 \times 100 = 11.8\%$ |

Each table in this publication provides a detailed analysis of movements in the CPI since the previous period, including information on movements for groups and expenditure classes. It also shows the contribution which each makes to the total CPI. For instance, with the Timor-Leste 2013 the Rice expenditure class contributed 17.85 index points to the total all groups index number of 101.3 for January 2013. The final column shows contributions to the change in All Groups index points by each group and expenditure class.

### **ROUNDING**

The published index numbers have been rounded to one decimal place, and the percentage changes (also rounded to one decimal place) are calculated from the rounded index numbers. In some cases, this can result in the percentage change for the total level of a group of indexes being outside the range of the percentage changes for the component level indexes.

### **REVISIONS**

CPI original indexes are revised only in exceptional circumstances, such as to correct a significant error. As is the case with all price indexes, the index reference period (i.e. the period in which the index is set equal to 100.0) will be changed periodically.

### **DATA AVAILABLE**

As well as the statistics included in this publication, there are more detailed data (in time series format) for each index available for downloading from the DGE website.



DIRECÇÃO GERAL DE ESTATÍSTICA  
TIMOR-LESTE

Direcção Geral de Estatística  
Rua de Caicoli, Po Box 10  
Dili, Timor-Leste  
[www.statistics.gov.tl](http://www.statistics.gov.tl)