



# CONSUMER PRICE INDEX

## TIMOR-LESTE AUGUST 2018

CPI SERIES 2 EDITION

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## **Title**

Consumer Price Index Timor-Leste,  
August 2018

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## NOTES

CHANGES FROM THE EDITION CPI SERIES 2 None

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### QUERIES

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# CONSUMER PRICE INDEX TIMOR - LESTE, AUGUST 2018

## INTRODUCTION TO THE SERIES 2 CPI

All published indexes from January 2013 have been re-referenced to Dec 2012 = 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)

## August 2018 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.

Timor-Leste Consumer Price Index	Monthly	Annual (a)
	July - 2018 to August - 2018	August - 2017 to August - 2018
	% change	% change
<b>All groups CPI</b>	<b>-0.2%</b>	<b>2.7%</b>
<b>All groups excluding Housing</b>	<b>-0.2%</b>	<b>2.6%</b>
<b>Tradeable CPI</b>	<b>-0.3%</b>	<b>3.0%</b>
<b>Non-Tradeable CPI</b>	<b>0.1%</b>	<b>2.0%</b>
1. Food and non-alcoholic beverages	<b>-0.3%</b>	<b>1.8%</b>
2. Alcohol and tobacco	<b>0.0%</b>	<b>10.7%</b>
3. Clothing and footwear	<b>0.0%</b>	<b>0.5%</b>
4. Housing	<b>0.1%</b>	<b>1.5%</b>
5. Furnishings, household equipment and routine household maintenance	<b>0.0%</b>	<b>0.0%</b>
6. Health	<b>0.0%</b>	<b>0.0%</b>
7. Transport	<b>0.0%</b>	<b>3.9%</b>
8. Communication	<b>0.0%</b>	<b>0.5%</b>
9. Recreation and culture	<b>0.0%</b>	<b>0.6%</b>
10. Education	<b>0.0%</b>	<b>16.6%</b>



## June 2018 Key Points

- The All Groups CPI fell (-0.2%) in August 2018, compared to a rise (+0.1%) in July 2018
- The main contributor to the fall was the Food and Non-Alcoholic Beverages groups were the main drivers to the fall for the month of August 2018. The fall was partially offset by Housing group.
- The 12-month Tradeable CPI rate stood at (+3.0%), with the Non-Tradeable rate at (+2.0%)

## 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 August 2018, so the 12-month rate measures changes in prices between August 2017 and August 2018.

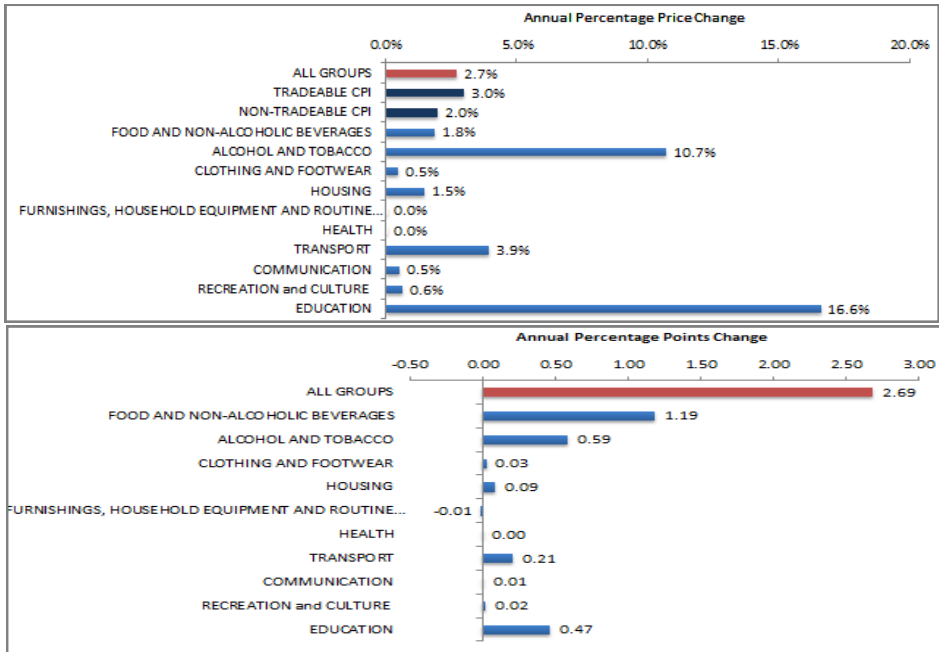
## Latest figure and long-term trend

The CPI 12-month rate between August 2018 and August 2017 stood at +2.7%, meaning that a basket of goods and services that cost \$100.00 in August 2017 would have cost \$102.70 in August 2018.

The All Groups CPI rose (+2.7%) through the year ending August 2018, compared to a rise (+2.5%) through the year to July 2018. The largest driver of the rise in the annual rate is the Food and Non-Alcoholic Beverages (+1.8%) group, which was driven by Rice (+4.9%), Milk Cheese and Eggs (+13.8%), Oils and Fats (+3.7%), Food Product n.e.c (+2.3%), Meat (+1.1%), Bread and Cereals (Excluding Rice) (+1.2%), Coffee, Tea and Cocoa (+2.6%). The rise was partially offset by Vegetable (-0.8%), Sugar Jam, Honey, Chocolate and Confectionary (-3.4%), Mineral Waters, Soft Drinks, Fruit and Vegetable Juices (-4.7%). The Alcohol and Tobacco (+10.7%), Education (+16.6%), Transport (+3.9%), Housing (+1.5%), Clothing and Footwear (+0.5%), Recreation and Culture (+0.6%), and Communication (+0.5%) groups.



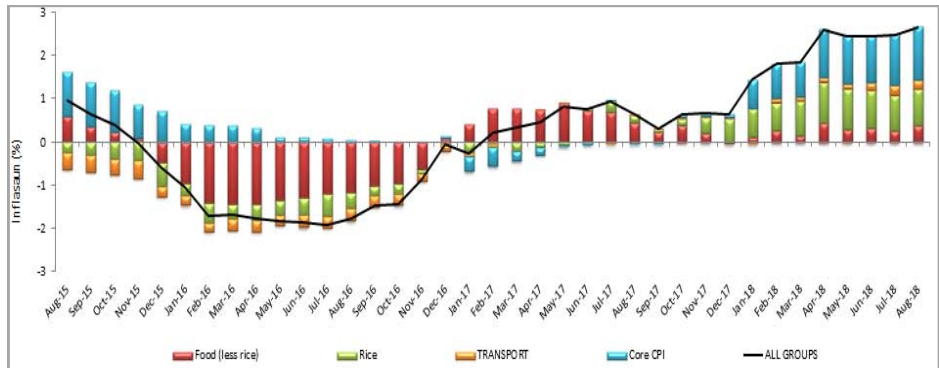
Figure A: Contributions to the CPI 12-month rate, August 2018



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 August -15 to August -18



Source: General Directorate of Statistics, Ministry of Finance

The sustained period of deflation as seen during the period November 2015 to January 2017 was largely driven by the Food and non-alcoholic beverage and Transport groups. The rebound in the 12-month CPI rate is driven by a rise in food and non-alcoholic beverage prices. Core inflation and Rice contribute significantly to the rise of annual August 2018.

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

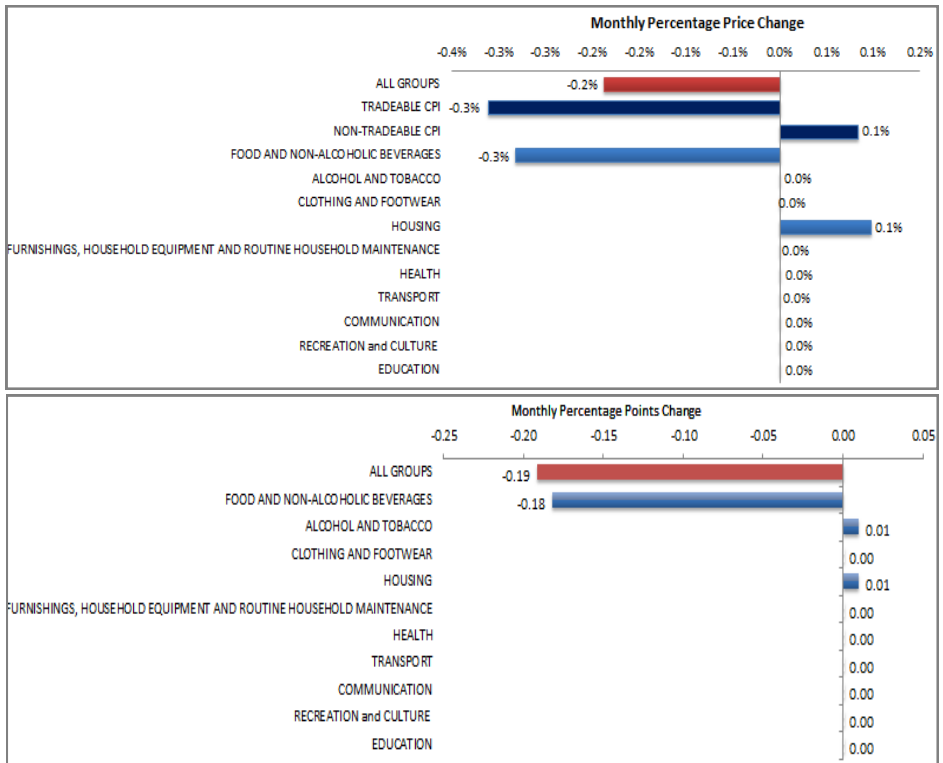


### Consumer Price Index (CPI): What are the main movements?

The largest downward contributions to the change in the one month CPI rate (-0.2%) between July 2018 and August 2018, came from:

- **Food and non-alcoholic beverages (-0.3%):** which was significantly driven by Vegetable (-1.0%) Sugar, Jam, Honey, Chocolate, and Confectionary (-2.0%) and Food Product n.e.c (-0.2%). The fall was partially offset by Fruit (+0.6%) and Oil and Fats (+0.2%) groups.
- **Housing (+0.2%):** this group was recorded the largest offsetting movement in level of monthly inflation, and driven by Maintenance and Repair of the Dwelling (+0.3%) subgroup.

**Figure C: Contributions to the change in the CPI monthly rate, May-18 to June-18**



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

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

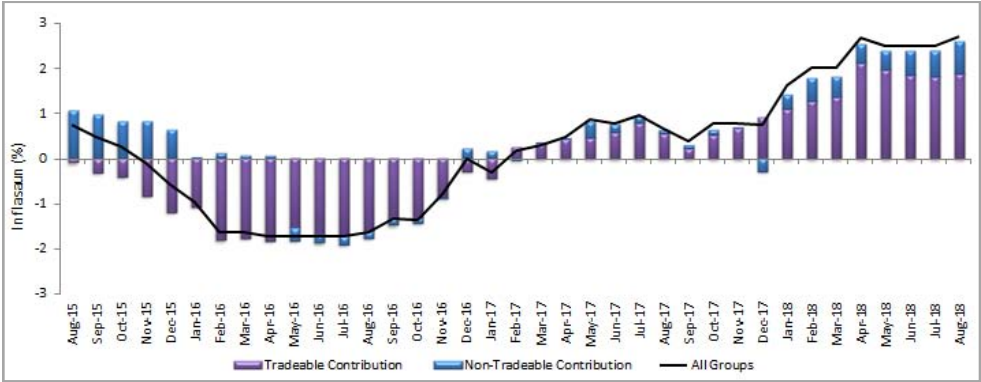


Tradeable & Non-Tradable CPI

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, Aug-15 - Aug-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 negative 12-month inflation as seen over the period November 2015 to January 2017 has been driven by international factors as indicated by the tradeable CPI rate. The 12-month CPI rate is currently at +2.7%, which was driven by the Tradeable (+3.0%) and Non-Tradeable (+2.0%). 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

		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Aug 2017	Jul 2018	Aug 2018	Jul-18 to Aug-18	Aug-17 to Aug-18	Jul 2018	Aug 2018	
August 2018									
Groups and Expenditure Class									
<b>a</b>	<b>ALL GROUPS</b>	<b>103.5</b>	<b>106.5</b>	<b>106.3</b>	<b>-0.2%</b>	<b>2.7%</b>	<b>106.5</b>	<b>106.3</b>	<b>-0.20</b>
<b>b</b>	<b>ALL GROUPS EXCLUDING HOUSING</b>	<b>103.9</b>	<b>106.8</b>	<b>106.6</b>	<b>-0.2%</b>	<b>2.6%</b>			
<b>c</b>	<b>TRADEABLE CPI</b>	<b>102.6</b>	<b>106.0</b>	<b>105.6</b>	<b>-0.3%</b>	<b>3.0%</b>			
<b>d</b>	<b>NON-TRADEABLE CPI</b>	<b>105.1</b>	<b>107.0</b>	<b>107.1</b>	<b>0.1%</b>	<b>2.0%</b>			
<b>1</b>	<b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>	<b>104.0</b>	<b>106.2</b>	<b>105.9</b>	<b>-0.3%</b>	<b>1.8%</b>	<b>68.17</b>	<b>67.98</b>	<b>-0.19</b>
1.1	Bread and cereals (excluding rice)	119.1	120.4	120.5	0.1%	1.2%	5.37	5.37	0.00
1.2	Rice	102.4	107.4	107.4	0.0%	4.9%	18.46	18.46	0.00
1.3	Meat	108.5	109.6	109.7	0.1%	1.1%	8.76	8.76	0.00
1.4	Fish and seafood	90.7	90.6	90.6	0.0%	-0.1%	2.42	2.42	0.00
1.5	Milk, cheese and eggs	116.6	132.4	132.7	0.2%	13.8%	2.10	2.10	0.00
1.6	Oils and fats	106.5	110.2	110.4	0.2%	3.7%	3.59	3.60	0.01
1.7	Fruit	108.4	107.9	108.5	0.6%	0.1%	2.45	2.46	0.01
1.8	Vegetables	101.5	101.7	100.7	-1.0%	-0.8%	15.69	15.54	-0.15
1.9	Sugar, jam, honey, chocolate and confectionery	90.4	89.1	87.3	-2.0%	-3.4%	2.86	2.80	-0.06
1.10	Food products n.e.c.	105.3	107.9	107.7	-0.2%	2.3%	3.20	3.19	-0.01
1.11	Coffee, tea and cocoa	101.7	104.3	104.3	0.0%	2.6%	2.16	2.16	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	95.5	92.2	91.0	-1.3%	-4.7%	0.61	0.61	0.00
1.13	Prepared food/meals	93.1	92.5	92.5	0.0%	-0.6%	0.50	0.50	0.00
<b>2</b>	<b>ALCOHOL AND TOBACCO</b>	<b>114.8</b>	<b>127.1</b>	<b>127.1</b>	<b>0.0%</b>	<b>10.7%</b>	<b>6.20</b>	<b>6.21</b>	<b>0.01</b>
2.1	Alcohol	148.5	148.3	148.3	0.0%	-0.1%	2.00	2.00	0.00
2.2	Tobacco	102.1	119.1	119.1	0.0%	16.7%	4.20	4.20	0.00
<b>3</b>	<b>CLOTHING AND FOOTWEAR</b>	<b>108.9</b>	<b>109.4</b>	<b>109.4</b>	<b>0.0%</b>	<b>0.5%</b>	<b>6.38</b>	<b>6.38</b>	<b>0.00</b>
3.1	Garments for men	109.7	109.5	109.5	0.0%	-0.2%	1.31	1.31	0.00
3.2	Garments for women	103.8	103.4	103.4	0.0%	-0.4%	0.91	0.91	0.00
3.3	Garments for infants and children	112.1	113.1	113.1	0.0%	0.9%	2.21	2.21	0.00
3.4	Footwear and clothing accessories	106.3	107.2	107.1	-0.1%	0.8%	1.95	1.95	0.00
<b>4</b>	<b>HOUSING</b>	<b>101.2</b>	<b>102.6</b>	<b>102.7</b>	<b>0.1%</b>	<b>1.5%</b>	<b>5.83</b>	<b>5.84</b>	<b>0.01</b>
4.1	Actual rentals paid by tenants	94.1	97.9	97.9	0.0%	4.0%	0.67	0.67	0.00
4.2	Maintenance and repair of the dwelling	93.7	94.4	94.7	0.3%	1.1%	1.33	1.33	0.00
4.3	Water, electricity, gas and other fuels	105.5	106.8	106.8	0.0%	1.2%	3.83	3.83	0.00
<b>5</b>	<b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b>	<b>97.6</b>	<b>97.6</b>	<b>97.6</b>	<b>0.0%</b>	<b>0.0%</b>	<b>4.05</b>	<b>4.05</b>	<b>0.00</b>
5.1	Household furniture and textiles	103.7	102.1	102.2	0.1%	-1.4%	0.32	0.32	0.00
5.2	Household appliances	104.4	102.5	101.9	-0.6%	-2.4%	0.37	0.37	0.00
5.3	Goods and services for routine household maintenance	96.6	96.7	96.8	0.1%	0.2%	3.35	3.36	0.01
<b>6</b>	<b>HEALTH</b>	<b>106.6</b>	<b>106.6</b>	<b>106.6</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.79</b>	<b>0.79</b>	<b>0.00</b>
6.1	Medical products, appliances and equipment	107.1	107.1	107.1	0.0%	0.0%	0.51	0.51	0.00
6.2	Medical and Hospital services	105.5	105.5	105.5	0.0%	0.0%	0.28	0.28	0.00
<b>7</b>	<b>TRANSPORT</b>	<b>88.9</b>	<b>92.4</b>	<b>92.4</b>	<b>0.0%</b>	<b>3.9%</b>	<b>5.93</b>	<b>5.93</b>	<b>0.00</b>
7.1	Purchase of vehicles	99.6	97.4	97.4	0.0%	-2.2%	0.57	0.57	0.00
7.2	Operation of personal transport equipment	75.5	82.9	82.9	0.0%	9.8%	2.55	2.55	0.00
7.3	Transport services	102.0	102.0	102.0	0.0%	0.0%	2.81	2.81	0.00
<b>8</b>	<b>COMMUNICATION</b>	<b>81.0</b>	<b>81.4</b>	<b>81.4</b>	<b>0.0%</b>	<b>0.5%</b>	<b>1.88</b>	<b>1.88</b>	<b>0.00</b>
8.1	Telecommunication equipment and services	81.0	81.4	81.4	0.0%	0.5%	1.88	1.88	0.00
<b>9</b>	<b>RECREATION AND CULTURE</b>	<b>109.0</b>	<b>109.7</b>	<b>109.7</b>	<b>0.0%</b>	<b>0.6%</b>	<b>3.64</b>	<b>3.64</b>	<b>0.00</b>
9.1	Audio-visual, photographic and information processing equipment	97.5	95.4	95.4	0.0%	-2.2%	0.02	0.02	0.00
9.2	Recreational items and cultural services	104.9	104.9	104.9	0.0%	0.0%	2.25	2.25	0.00
9.3	Newspapers, books and stationery	116.6	118.5	118.5	0.0%	1.6%	1.37	1.37	0.00
<b>10</b>	<b>EDUCATION</b>	<b>127.2</b>	<b>148.3</b>	<b>148.3</b>	<b>0.0%</b>	<b>16.6%</b>	<b>3.46</b>	<b>3.46</b>	<b>0.00</b>
10.1	Education	127.2	148.3	148.3	0.0%	16.6%	3.46	3.46	0.00

TABLE 2. DILI - analytical index

August 2018

Groups and Expenditure Class		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Aug	Jul	Aug	Jul-18	Aug-17	Jul	Aug	Jul-18
		2017	2018	2018	to	to	2018	2018	to
					Aug-18	Aug-18			Aug-18
<b>a</b>	<b>ALL GROUPS</b>	<b>102.9</b>	<b>106.2</b>	<b>105.9</b>	<b>-0.3%</b>	<b>2.9%</b>	<b>106.2</b>	<b>105.9</b>	<b>-0.30</b>
<b>b</b>	<b>ALL GROUPS EXCLUDING HOUSING</b>	<b>103.4</b>	<b>106.8</b>	<b>106.5</b>	<b>-0.3%</b>	<b>3.0%</b>			
<b>1</b>	<b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>	<b>104.0</b>	<b>106.7</b>	<b>106.2</b>	<b>-0.5%</b>	<b>2.1%</b>	<b>65.84</b>	<b>65.55</b>	<b>-0.29</b>
1.1	Bread and cereals (excluding rice)	119.6	121.4	121.6	0.2%	1.7%	5.21	5.22	0.01
1.2	Rice	105.5	112.1	111.8	-0.3%	6.0%	16.87	16.83	-0.04
1.3	Meat	108.7	109.8	109.8	0.0%	1.0%	9.16	9.16	0.00
1.4	Fish and seafood	89.8	89.7	89.7	0.0%	-0.1%	2.70	2.70	0.00
1.5	Milk, cheese and eggs	117.0	133.6	133.9	0.2%	14.4%	2.38	2.39	0.01
1.6	Oils and fats	106.3	111.2	111.3	0.1%	4.7%	3.40	3.40	0.00
1.7	Fruit	109.8	109.9	109.8	-0.1%	0.0%	2.65	2.65	0.00
1.8	Vegetables	100.9	101.1	99.8	-1.3%	-1.1%	14.91	14.72	-0.19
1.9	Sugar, jam, honey, chocolate and confectionery	83.9	82.5	80.2	-2.8%	-4.4%	2.57	2.50	-0.07
1.10	Food products n.e.c.	98.9	101.1	101.1	0.0%	2.2%	2.78	2.78	0.00
1.11	Coffee, tea and cocoa	97.5	101.1	101.1	0.0%	3.7%	1.91	1.91	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	95.6	92.1	90.8	-1.4%	-5.0%	0.70	0.69	-0.01
1.13	Prepared food/meals	92.9	92.4	92.4	0.0%	-0.5%	0.59	0.59	0.00
<b>2</b>	<b>ALCOHOL AND TOBACCO</b>	<b>118.9</b>	<b>132.8</b>	<b>132.8</b>	<b>0.0%</b>	<b>11.7%</b>	<b>5.90</b>	<b>5.90</b>	<b>0.00</b>
2.1	Alcohol	155.5	155.4	155.4	0.0%	-0.1%	2.02	2.02	0.00
2.2	Tobacco	103.8	123.6	123.6	0.0%	19.1%	3.88	3.88	0.00
<b>3</b>	<b>CLOTHING AND FOOTWEAR</b>	<b>107.8</b>	<b>108.2</b>	<b>108.2</b>	<b>0.0%</b>	<b>0.4%</b>	<b>6.86</b>	<b>6.86</b>	<b>0.00</b>
3.1	Garments for men	108.9	108.6	108.6	0.0%	-0.3%	1.37	1.37	0.00
3.2	Garments for women	100.7	100.2	100.2	0.0%	-0.5%	0.94	0.94	0.00
3.3	Garments for infants and children	111.4	112.6	112.6	0.0%	1.1%	2.38	2.38	0.00
3.4	Footwear and clothing accessories	106.6	107.5	107.4	-0.1%	0.8%	2.17	2.16	-0.01
<b>4</b>	<b>HOUSING</b>	<b>100.5</b>	<b>102.1</b>	<b>102.2</b>	<b>0.1%</b>	<b>1.7%</b>	<b>6.53</b>	<b>6.54</b>	<b>0.01</b>
4.1	Actual rentals paid by tenants	94.1	97.9	97.9	0.0%	4.0%	0.82	0.82	0.00
4.2	Maintenance and repair of the dwelling	93.3	94.1	94.5	0.4%	1.3%	1.47	1.47	0.00
4.3	Water, electricity, gas and other fuels	104.8	106.2	106.2	0.0%	1.3%	4.25	4.25	0.00
<b>5</b>	<b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b>	<b>95.1</b>	<b>95.1</b>	<b>95.2</b>	<b>0.1%</b>	<b>0.1%</b>	<b>4.25</b>	<b>4.25</b>	<b>0.00</b>
5.1	Household furniture and textiles	103.6	102.0	102.1	0.1%	-1.4%	0.37	0.37	0.00
5.2	Household appliances	101.5	100.4	100.4	0.0%	-1.1%	0.40	0.40	0.00
5.3	Goods and services for routine household maintenance	93.7	93.9	94.0	0.1%	0.3%	3.47	3.47	0.00
<b>6</b>	<b>HEALTH</b>	<b>105.3</b>	<b>105.3</b>	<b>105.3</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.88</b>	<b>0.88</b>	<b>0.00</b>
6.1	Medical products, appliances and equipment	104.9	104.9	104.9	0.0%	0.0%	0.55	0.55	0.00
6.2	Medical and Hospital services	105.7	105.7	105.7	0.0%	0.0%	0.33	0.33	0.00
<b>7</b>	<b>TRANSPORT</b>	<b>87.8</b>	<b>91.5</b>	<b>91.5</b>	<b>0.0%</b>	<b>4.2%</b>	<b>6.48</b>	<b>6.48</b>	<b>0.00</b>
7.1	Purchase of vehicles	100.0	97.8	97.8	0.0%	-2.2%	0.64	0.64	0.00
7.2	Operation of personal transport equipment	74.4	82.4	82.4	0.0%	10.8%	2.84	2.84	0.00
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	3.00	3.00	0.00
<b>8</b>	<b>COMMUNICATION</b>	<b>79.0</b>	<b>79.4</b>	<b>79.4</b>	<b>0.0%</b>	<b>0.5%</b>	<b>1.99</b>	<b>1.99</b>	<b>0.00</b>
8.1	Telecommunication equipment and services	79.0	79.4	79.4	0.0%	0.5%	1.99	1.99	0.00
<b>9</b>	<b>RECREATION and CULTURE</b>	<b>109.0</b>	<b>109.8</b>	<b>109.8</b>	<b>0.0%</b>	<b>0.7%</b>	<b>3.72</b>	<b>3.72</b>	<b>0.00</b>
9.1	Audio-visual, photographic and information processing equipment	97.0	94.8	94.8	0.0%	-2.3%	0.02	0.02	0.00
9.2	Recreational items and cultural services	104.2	104.2	104.2	0.0%	0.0%	2.21	2.21	0.00
9.3	Newspapers, books and stationery	117.6	119.8	119.8	0.0%	1.9%	1.49	1.49	0.00
<b>10</b>	<b>EDUCATION</b>	<b>125.5</b>	<b>148.1</b>	<b>148.1</b>	<b>0.0%</b>	<b>18.0%</b>	<b>3.93</b>	<b>3.93</b>	<b>0.00</b>
10	Education	125.5	148.1	148.1	0.0%	18.0%	3.93	3.93	0.00

Reference period of index: December 2012 = 100.0

CPI Series 2, August 2018



**TABLE 3. EX-DILI - analytical index**

August 2018		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Aug 2017	Jul 2018	Aug 2018	Jul-18 to Aug-18	Aug-17 to Aug-18	Jul 2018	Aug 2018	Jul-18 to Aug-18
		2017	2018	2018			2018	2018	
Groups and Expenditure Class									
<b>a</b>	<b>ALL GROUPS</b>	<b>105.7</b>	<b>106.4</b>	<b>106.7</b>	<b>0.3%</b>	<b>0.9%</b>	<b>106.4</b>	<b>106.7</b>	<b>0.3</b>
<b>b</b>	<b>ALL GROUPS EXCLUDING HOUSING</b>	<b>105.6</b>	<b>106.2</b>	<b>106.5</b>	<b>0.3%</b>	<b>0.9%</b>			
<b>1</b>	<b>FOOD AND NON-ALCOHOLIC BEVERAGES</b>	<b>104.6</b>	<b>104.8</b>	<b>105.2</b>	<b>0.4%</b>	<b>0.6%</b>	<b>78.81</b>	<b>79.13</b>	<b>0.32</b>
1.1	Bread and cereals (excluding rice)	116.3	116.0	116.0	0.0%	-0.3%	6.06	6.06	0.00
1.2	Rice	95.5	95.8	96.5	0.7%	1.0%	25.73	25.90	0.17
1.3	Meat	109.4	108.8	109.2	0.4%	-0.2%	6.91	6.93	0.02
1.4	Fish and seafood	101.1	101.1	101.1	0.0%	0.0%	1.16	1.16	0.00
1.5	Milk, cheese and eggs	113.6	116.1	116.1	0.0%	2.2%	0.80	0.80	0.00
1.6	Oils and fats	106.4	105.8	106.3	0.5%	-0.1%	4.49	4.52	0.03
1.7	Fruit	99.7	94.6	99.5	5.2%	-0.2%	1.53	1.61	0.08
1.8	Vegetables	103.1	103.3	103.5	0.2%	0.4%	19.27	19.31	0.04
1.9	Sugar, jam, honey, chocolate and confectionery	116.8	115.8	115.8	0.0%	-0.9%	4.16	4.16	0.00
1.10	Food products n.e.c.	126.7	131.1	130.3	-0.6%	2.8%	5.10	5.07	-0.03
1.11	Coffee, tea and cocoa	114.8	114.8	114.8	0.0%	0.0%	3.30	3.30	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	95.8	95.8	95.8	0.0%	0.0%	0.22	0.22	0.00
1.13	Prepared food/meals	95.3	91.5	91.5	0.0%	-4.0%	0.08	0.08	0.00
<b>2</b>	<b>ALCOHOL AND TOBACCO</b>	<b>103.0</b>	<b>110.4</b>	<b>110.4</b>	<b>0.0%</b>	<b>7.2%</b>	<b>7.60</b>	<b>7.60</b>	<b>0.00</b>
2.1	Alcohol	121.3	120.8	120.9	0.1%	-0.3%	1.94	1.94	0.00
2.2	Tobacco	97.7	107.4	107.4	0.0%	9.9%	5.66	5.66	0.00
<b>3</b>	<b>CLOTHING AND FOOTWEAR</b>	<b>114.3</b>	<b>113.9</b>	<b>113.9</b>	<b>0.0%</b>	<b>-0.3%</b>	<b>4.19</b>	<b>4.19</b>	<b>0.00</b>
3.1	Garments for men	113.0	113.0	113.0	0.0%	0.0%	1.00	1.00	0.00
3.2	Garments for women	125.4	125.4	125.4	0.0%	0.0%	0.78	0.78	0.00
3.3	Garments for infants and children	119.7	118.4	118.4	0.0%	-1.1%	1.42	1.42	0.00
3.4	Footwear and clothing accessories	101.8	102.2	102.2	0.0%	0.4%	0.98	0.98	0.00
<b>4</b>	<b>HOUSING</b>	<b>107.4</b>	<b>107.6</b>	<b>107.5</b>	<b>-0.1%</b>	<b>0.1%</b>	<b>2.64</b>	<b>2.64</b>	<b>0.00</b>
4.1	Actual rentals paid by tenants	94.1	97.9	97.9	0.0%	4.0%	0.00	0.00	0.00
4.2	Maintenance and repair of the dwelling	100.3	100.8	100.4	-0.4%	0.1%	0.70	0.69	-0.01
4.3	Water, electricity, gas and other fuels	110.2	110.2	110.2	0.0%	0.0%	1.94	1.94	0.00
<b>5</b>	<b>FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE</b>	<b>119.3</b>	<b>118.1</b>	<b>117.7</b>	<b>-0.3%</b>	<b>-1.3%</b>	<b>3.14</b>	<b>3.13</b>	<b>-0.01</b>
5.1	Household furniture and textiles	108.8	109.1	109.1	0.0%	0.3%	0.08	0.08	0.00
5.2	Household appliances	131.6	121.9	115.9	-4.9%	-11.9%	0.24	0.23	-0.01
5.3	Goods and services for routine household maintenance	118.9	118.5	118.5	0.0%	-0.3%	2.81	2.81	0.00
<b>6</b>	<b>HEALTH</b>	<b>122.0</b>	<b>122.0</b>	<b>122.0</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.40</b>	<b>0.40</b>	<b>0.00</b>
6.1	Medical products, appliances and equipment	126.5	126.5	126.5	0.0%	0.0%	0.34	0.34	0.00
6.2	Medical and Hospital services	100.0	100.0	100.0	0.0%	0.0%	0.06	0.06	0.00
<b>7</b>	<b>TRANSPORT</b>	<b>102.4</b>	<b>103.1</b>	<b>103.1</b>	<b>0.0%</b>	<b>0.7%</b>	<b>3.46</b>	<b>3.46</b>	<b>0.00</b>
7.1	Purchase of vehicles	93.3	89.7	89.7	0.0%	-3.9%	0.27	0.27	0.00
7.2	Operation of personal transport equipment	85.0	87.6	87.6	0.0%	3.1%	1.23	1.22	-0.01
7.3	Transport services	118.8	118.8	118.8	0.0%	0.0%	1.96	1.96	0.00
<b>8</b>	<b>COMMUNICATION</b>	<b>98.4</b>	<b>98.4</b>	<b>98.4</b>	<b>0.0%</b>	<b>0.0%</b>	<b>1.37</b>	<b>1.37</b>	<b>0.00</b>
8.1	Telecommunication equipment and services	98.4	98.4	98.4	0.0%	0.0%	1.37	1.37	0.00
<b>9</b>	<b>RECREATION AND CULTURE</b>	<b>108.8</b>	<b>108.8</b>	<b>108.8</b>	<b>0.0%</b>	<b>0.0%</b>	<b>3.24</b>	<b>3.24</b>	<b>0.00</b>
9.1	Audio-visual, photographic and information processing equipment	109.2	109.2	109.2	0.0%	0.0%	0.00	0.00	0.00
9.2	Recreational items and cultural services	108.5	108.5	108.5	0.0%	0.0%	2.41	2.41	0.00
9.3	Newspapers, books and stationery	109.4	109.4	109.4	0.0%	0.0%	0.83	0.83	0.00
<b>10</b>	<b>EDUCATION</b>	<b>152.7</b>	<b>152.7</b>	<b>152.7</b>	<b>0.0%</b>	<b>0.0%</b>	<b>1.34</b>	<b>1.34</b>	<b>0.00</b>
10	Education	152.7	152.7	152.7	0.0%	0.0%	1.34	1.34	0.00



## EXPLANATORY NOTES

### **NOTE TO USERS**

The Series 2 index incorporates the outcomes of a major review and reweighting of the Timor-Leste CPI. The new weights are based on the results of the 2011 Household Income and Expenditure Survey. Two Information Papers were published about the review. The first – ‘*Review of Timor-Leste Consumer Price Index (CPI) 2012: Issues for Consideration*’ was published in November 2012 and sought the views of users on a range of issues under consideration in the review and reweighting exercise. The second ‘*Introduction of the Series 2 Timor-Leste Consumer Price Index*’ was published on May 17 2013 and set out the results of the user consultation phase and the final decisions that had been taken in respect of the new CPI, together with information on the new weighting pattern and the new classification that has been introduced into the Series 2 CPI. Both information papers can be found on the website of the General Directorate 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.

NDS also publishes two secondary indexes for analytical purposes – one representing Dili price movements and the other representing price movements for other Timor-Leste districts (termed ‘Ex-Dili’). These analytical series are compiled by taking subsets of the CPI basket, and are presented in Tables 2 and 3 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 districts 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 2 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 2 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.



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