



CONSUMER PRICE INDEX TIMOR-LESTE OCTOBER 2019

CPI SERIES 3 EDITION

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Title

Consumer Price Index Timor-Leste,
October 2019

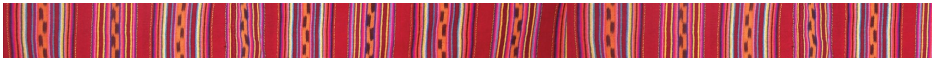
Editor

Avelino Maria de Jesus Marcal
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

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

NOTES

CHANGES FROM THE EDITION CPI SERIES 3 None

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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



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**CONSUMER PRICE INDEX
TIMOR - LESTE, OCTOBER 2019**


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

October 2019 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)
	Oct - 2019 to Sept -2019	Oct-2019 to Oct-2018
	% change	% change
All groups CPI	-0.4%	0.6%
Tradeable CPI	-0.4%	0.3%
Non-Tradeable CPI	-0.5%	1.3%
1. Food and non-alcoholic beverages	-0.6%	0.7%
2. Alcohol and tobacco	-0.4%	1.3%
3. Clothing and footwear	0.0%	0.4%
4. Housing	-1.5%	-0.8%
5. Furnishings, household equipment and routine household maintenance	-0.5%	-0.9%
6. Health	0.0%	0.0%
7. Transport	0.0%	-0.5%
8. Communication	0.0%	0.2%
9. Recreation and culture	0.0%	0.2%
10. Education	0.0%	9.0%



October 2019 Key Points

- The All Groups CPI fell -0.4% in October 2019, compared to a rise +0.2% in September 2019.
- The significant fall of the Food and Non-Alcoholic Beverages (-0.6%), Housing (-1.5%), Furnishing, Household Equipment and Routine Household Maintenance (-0.5%), and Alcohol and Tobacco (-0.4%).
- The 12-month Tradeable CPI rate stood at +0.3%, with the Non-Tradeable rate at +1.3%

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 2019, so the 12-month rate measures changes in prices between October 2019 and October 2018.

Latest figure and long-term trend

The CPI 12-month rate between October 2019 and October 2018 stood at +0.6%, meaning that a basket of goods and services that cost \$100.00 in October 2018 would have cost \$100.6 in October 2019.

The All Groups CPI rose (+0.6%) through the year ending October 2019. The largest driver of the rise in the annual rate is the Food and Non-Alcoholic Beverages (+0.7%) group, which was driven by Milk Cheese and Eggs (+4.4%), Vegetable (+9.0%), Fruits (+4.7%), Mineral Waters, Soft Drinks, Fruits and Vegetable Juices (+1.2%), and Bread and Cereals (exclude rice) (+1.6%) subgroups. The rise was partially offset by Rice (-2.3%), Oil and Fats (-2.1%), Sugar, Jam, Honey, Chocolate and Confectionery (-2.6%), Meat (-1.7%), Coffee, Tea and Cocoa (-0.1%), Fish and Seafood (-0.5%), and Food Product (n.e.c.) (-0.3%) subgroups. The Alcohol Tobacco (+1.3%), Education (+9.0%), Clothing and Footwear +0.4%, Recreation and Culture (+0.2%), and Communication (+0.2%). The largest partially offsetting movement to the rise in the 12-month rate is the Transport (-0.5%), Furnishing, and Household Equipment and Routine Household Maintenance (-0.9%) and Housing (-0.8%).

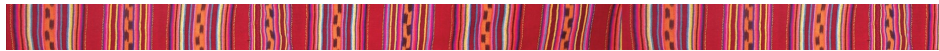
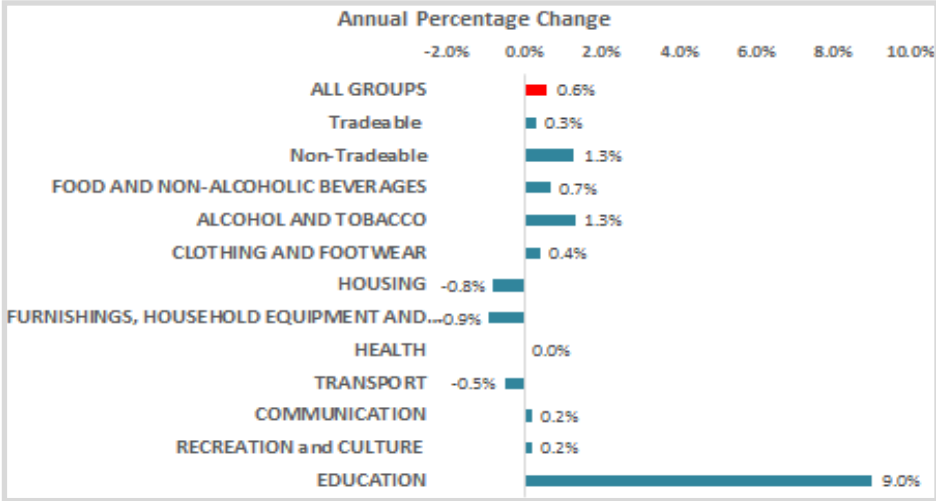


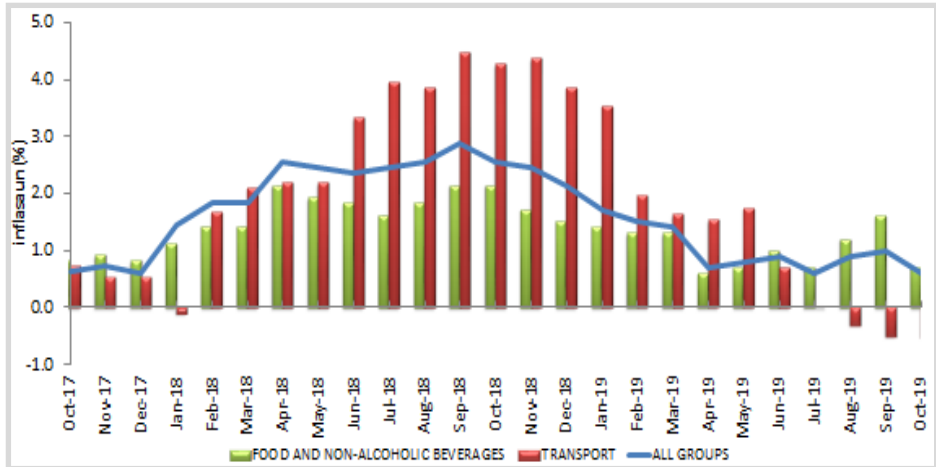
Figure A: Contributions to the CPI 12-month rate, October 2019



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 October-17 to October-19



Source: General Directorate of Statistics, Ministry of Finance

The sustained period of deflation as seen during the period August 2016 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.

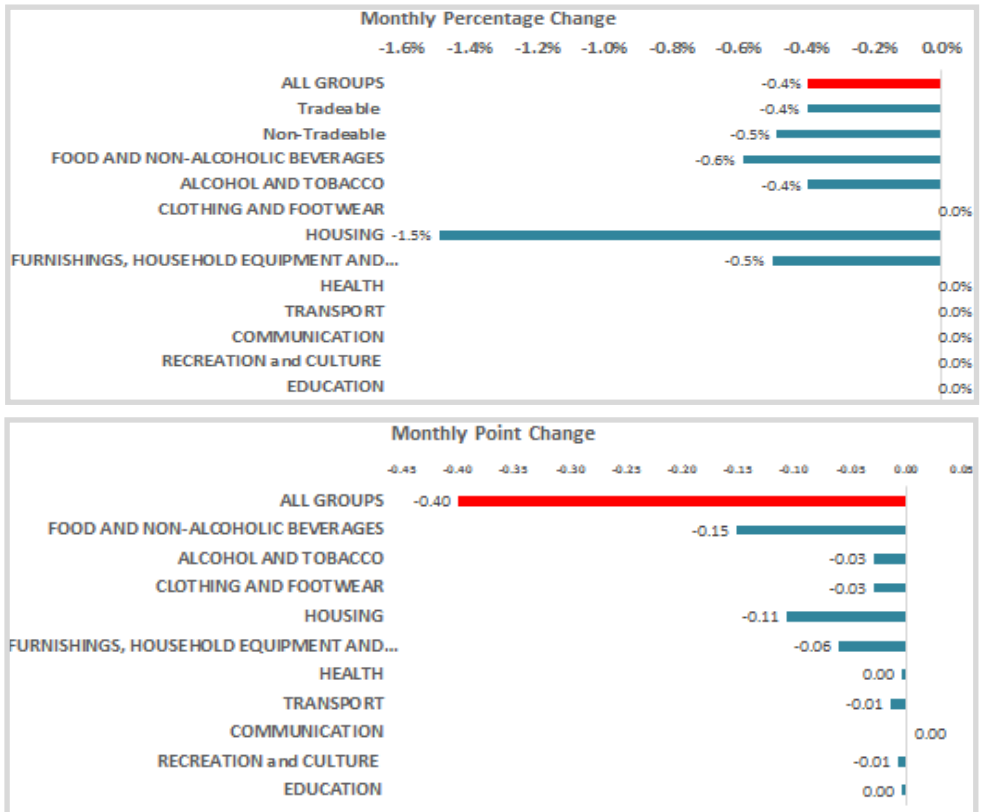
*Core CPI is equal to All Groups CPI less Food and non-alcoholic beverages and Transport groups

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

The largest upward contributions to the change in the one month CPI rate (-0.4%) between October 2019 and September 2019, came from:

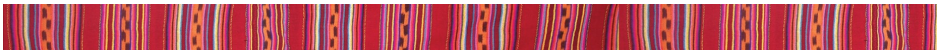
- **Food and non-alcoholic beverages (-0.6%):** which was significantly driven by Sugar, Jam, Honey, Chocolate and Confectionery (-2.3%), Meat (-0.7%), Rice (-0.6%), Fish and Seafood (-1.4%), Milk, Cheese and Eggs (-0.7%), Oil and Fats (-0.3%) and Food Product (n.e.c) (-0.3%). The offsetting movement came from Vegetable (+0.3%) and Fruits (+0.4%) sub-group. The price of rice fell was affected by the imported rice who showed in international price of rice fell 16% in the period of October of 2019.
- **Housing (-1.5%):** this group was driven by Water, Electricity, Gas and Other Fuels (-1.8%) sub group.
- **Furnishing, Household Equipment and Routine Household Maintenance (-0.5%):** this group was driven by Goods and Services for Routine Household Maintenance (-0.6%) sub group.
- **Alcohol and Tobacco (-0.4%):** this group was driven by Tobacco (-0.6) sub group.

Figure C: Contributions to the change in the CPI monthly rate, October -19 to September - 19



Source: General Directorate of Statistics, Ministry of Finance

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

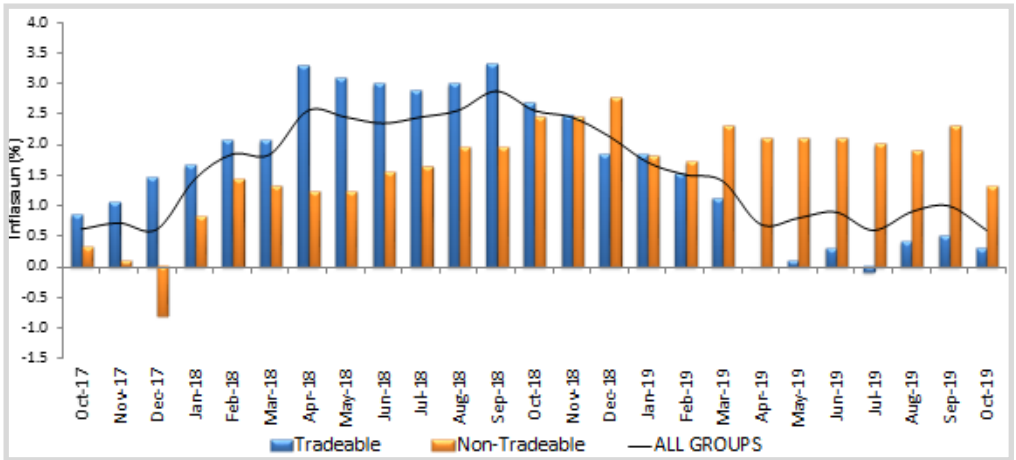


Tradeable & Non-Tradable CPI

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-17 to Oct-19



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 October 2017 to October 2019 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 (+0.3%) and Non-Tradeable (+1.3%). 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 2019		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Oct 2018	Sept 2019	Oct 2019	Oct -19 to Set -19	Oct-19 to Oct-18	Sept 2019	Oct 2019	Oct-19 to Sep-19
Groups and Expenditure Class									
a	ALL GROUPS	100.1	101.1	100.7	-0.4%	0.6%	101.1	100.7	-0.40
c	TRADEABLE CPI	99.9	100.6	100.2	-0.4%	0.3%			
d	NON-TRADEABLE CPI	100.5	102.3	101.8	-0.5%	1.3%			
1	FOOD AND NON-ALCOHOLIC BEVERAGES	100.4	101.7	101.1	-0.6%	0.7%	54.88	54.73	-0.15
1.1	Bread and cereals (excluding rice)	100.0	101.6	101.6	0.0%	1.6%	2.30	2.35	0.05
1.2	Rice	100.2	98.5	97.9	-0.6%	-2.3%	12.39	12.29	-0.10
1.3	Meat	101.8	100.8	100.1	-0.7%	-1.7%	8.21	8.11	-0.10
1.4	Fish and seafood	99.6	100.5	99.1	-1.4%	-0.5%	3.15	3.11	-0.04
1.5	Milk, cheese and eggs	101.0	106.1	105.4	-0.7%	4.4%	2.29	2.27	-0.02
1.6	Oils and fats	99.5	97.7	97.4	-0.3%	-2.1%	3.62	3.60	-0.02
1.7	Fruit	100.2	104.5	104.9	0.4%	4.7%	1.34	1.37	0.02
1.8	Vegetables	100.4	109.1	109.4	0.3%	9.0%	9.98	10.16	0.19
1.9	Sugar, jam, honey, chocolate and confectionery	100.2	99.9	97.6	-2.3%	-2.6%	4.49	4.39	-0.10
1.10	Food products n.e.c.	99.6	99.6	99.3	-0.3%	-0.3%	3.87	3.85	-0.02
1.11	Coffee, tea and cocoa	100.0	101.6	99.9	-1.7%	-0.1%	1.82	1.81	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.0	101.2	101.2	0.0%	1.2%	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
2	ALCOHOL AND TOBACCO	99.2	100.9	100.5	-0.4%	1.3%	7.07	7.04	-0.03
2.1	Alcohol	100.0	99.4	100.0	0.6%	0.0%	1.64	1.65	0.01
2.2	Tobacco	98.9	101.3	100.7	-0.6%	1.8%	5.43	5.39	-0.04
3	CLOTHING AND FOOTWEAR	99.8	100.2	100.2	0.0%	0.4%	7.00	6.97	-0.03
3.1	Garments for men	100.0	99.6	99.6	0.0%	-0.4%	1.23	1.22	-0.01
3.2	Garments for women	100.2	101.4	101.4	0.0%	1.2%	1.18	1.18	0.00
3.3	Garments for infants and children	98.8	99.0	98.9	-0.1%	0.1%	2.37	2.37	-0.01
3.4	Footwear and clothing accessories	100.5	101.2	101.2	0.0%	0.7%	2.21	2.20	-0.01
4	HOUSING	99.9	100.6	99.1	-1.5%	-0.8%	6.34	6.24	-0.11
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	99.5	99.6	99.4	-0.2%	-0.1%	1.04	1.03	0.00
4.3	Water, electricity, gas and other fuels	100.0	100.8	99.0	-1.8%	-1.0%	5.23	5.13	-0.10
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	99.9	99.5	99.0	-0.5%	-0.9%	7.84	7.78	-0.06
5.1	Household furniture and textiles	98.8	100.2	100.2	0.0%	1.4%	1.07	1.06	0.00
5.2	Household appliances	100.0	100.0	100.0	0.0%	0.0%	1.05	1.05	0.00
5.3	Goods and services for routine household maintenance	100.1	99.2	98.6	-0.6%	-1.5%	5.72	5.67	-0.06
6	HEALTH	100.0	100.0	100.0	0.0%	0.0%	1.94	1.93	0.00
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
7	TRANSPORT	100.2	99.7	99.7	0.0%	-0.5%	5.82	5.80	-0.01
7.1	Purchase of vehicles	100.0	101.4	101.4	0.0%	1.4%	1.20	1.19	0.00
7.2	Operation of personal transport equipment	100.4	98.7	98.6	-0.1%	-1.8%	2.36	2.35	-0.01
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	2.27	2.26	0.00
8	COMMUNICATION	100.0	100.2	100.2	0.0%	0.2%	4.77	4.77	0.00
8.1	Telecommunication equipment and services	100.0	100.2	100.2	0.0%	0.2%	4.77	4.77	0.00
9	RECREATION and CULTURE	100.0	100.2	100.2	0.0%	0.2%	3.49	3.48	-0.01
9.1	Audio-visual, photographic and information processing equipment	100.0	99.2	99.2	0.0%	-0.8%	0.33	0.33	0.00
9.2	Recreational items and cultural services	100.0	100.0	100.0	0.0%	0.0%	1.88	1.88	0.00
9.3	Newspapers, books and stationery	100.0	100.7	100.7	0.0%	0.7%	1.27	1.27	0.00
10	EDUCATION	100.0	109.0	109.0	0.0%	9.0%	1.96	1.95	0.00
10.1	Education	100.0	109.0	109.0	0.0%	9.0%	1.96	1.95	0.00

TABLE 2. DILI - analytical index

October 2019		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Oct 2018	Sept 2019	Oct 2019	Oct-19 to Set-19	Oct-19 to Oct-18	Sept 2019	Oct 2019	Oct-19 to Sep-19
Groups and Expenditure Class									
a	ALL GROUPS	100.3	101.9	101.5	-0.4%	1.2%	101.9	101.5	-0.40
1	FOOD AND NON-ALCOHOLIC BEVERAGES	100.7	103.2	102.7	-0.5%	2.0%	52.53	52.46	-0.06
1.1	Bread and cereals (excluding rice)	100.0	102.0	102.0	0.0%	2.0%	2.68	2.74	0.06
1.2	Rice	100.8	99.1	99.0	-0.1%	-1.8%	7.83	7.79	-0.04
1.3	Meat	102.6	100.6	100.4	-0.2%	-2.1%	8.88	8.78	-0.10
1.4	Fish and seafood	99.6	100.7	98.9	-1.8%	-0.7%	3.92	3.86	-0.07
1.5	Milk, cheese and eggs	101.3	108.0	106.8	-1.1%	5.4%	2.98	2.93	-0.04
1.6	Oils and fats	100.1	98.3	98.5	0.2%	-1.6%	2.62	2.62	0.00
1.7	Fruit	100.2	106.4	107.7	1.2%	7.5%	2.14	2.21	0.06
1.8	Vegetables	100.8	112.6	112.6	0.0%	11.7%	11.12	11.35	0.22
1.9	Sugar, jam, honey, chocolate and confectionery	99.6	100.4	96.3	-4.1%	-3.3%	3.03	2.92	-0.11
1.10	Food products n.e.c.	99.5	99.7	99.3	-0.4%	-0.2%	3.72	3.69	-0.03
1.11	Coffee, tea and cocoa	100.0	99.9	97.6	-2.3%	-2.4%	1.29	1.29	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.0	101.2	101.2	0.0%	1.2%	1.00	0.99	0.00
1.13	Prepared food/meals	100.0	100.0	100.0	0.0%	0.0%	1.31	1.30	0.00
2	ALCOHOL AND TOBACCO	98.7	98.8	99.2	0.4%	0.5%	5.27	5.28	0.00
2.1	Alcohol	100.6	99.8	101.2	1.4%	0.6%	1.65	1.67	0.02
2.2	Tobacco	97.8	98.3	98.3	0.0%	0.5%	3.62	3.61	-0.01
3	CLOTHING AND FOOTWEAR	99.6	100.0	100.0	0.0%	0.4%	6.27	6.23	-0.04
3.1	Garments for men	100.0	99.5	99.5	0.0%	-0.5%	0.91	0.90	-0.01
3.2	Garments for women	100.2	101.7	101.7	0.0%	1.5%	0.97	0.97	0.00
3.3	Garments for infants and children	98.5	98.5	98.4	-0.1%	-0.1%	2.52	2.51	-0.01
3.4	Footwear and clothing accessories	100.8	101.6	101.6	0.0%	0.8%	1.86	1.85	-0.01
4	HOUSING	100.0	100.3	99.0	-1.3%	-1.0%	7.41	7.29	-0.12
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	100.0	99.6	99.5	-0.1%	-0.5%	0.23	0.23	0.00
4.3	Water, electricity, gas and other fuels	100.0	100.3	99.0	-1.3%	-1.0%	7.00	6.89	-0.12
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	99.6	99.5	98.8	-0.7%	-0.8%	7.17	7.08	-0.09
5.1	Household furniture and textiles	98.8	99.9	99.9	0.0%	1.1%	1.29	1.28	0.00
5.2	Household appliances	100.0	100.1	100.1	0.0%	0.1%	1.00	1.00	0.00
5.3	Goods and services for routine household maintenance	99.7	99.3	98.3	-1.0%	-1.4%	4.88	4.80	-0.08
6	HEALTH	100.0	100.0	100.0	0.0%	0.0%	2.22	2.21	-0.01
6.1	Medical products, appliances and equipment	100.0	100.0	100.0	0.0%	0.0%	1.94	1.94	-0.01
6.2	Medical and Hospital services	100.0	100.0	100.0	0.0%	0.0%	0.28	0.28	0.00
7	TRANSPORT	100.4	99.5	99.6	0.1%	-0.8%	8.43	8.38	-0.05
7.1	Purchase of vehicles	100.0	101.7	101.7	0.0%	1.7%	1.67	1.66	-0.01
7.2	Operation of personal transport equipment	100.9	98.3	98.3	0.0%	-2.6%	3.82	3.79	-0.03
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	2.94	2.93	-0.01
8	COMMUNICATION	100.0	100.3	100.3	0.0%	0.3%	4.90	4.90	0.00
8.1	Telecommunication equipment and services	100.0	100.3	100.3	0.0%	0.3%	4.90	4.90	0.00
9	RECREATION and CULTURE	100.0	100.2	100.2	0.0%	0.2%	4.24	4.22	-0.02
9.1	Audio-visual, photographic and information processing equipment	100.0	99.3	99.3	0.0%	-0.7%	0.49	0.49	0.00
9.2	Recreational items and cultural services	100.0	99.9	99.9	0.0%	-0.1%	2.01	2.01	-0.01
9.3	Newspapers, books and stationery	100.0	100.7	100.7	0.0%	0.7%	1.73	1.72	-0.01
10	EDUCATION	100.0	110.1	110.1	0.0%	10.1%	3.47	3.45	-0.01
10	Education	100.0	110.1	110.1	0.0%	10.1%	3.47	3.45	-0.01

TABLE 3. BAUCAU - analytical index

October 2019		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Oct	Sept	Oct	Oct -19	Oct-19	Sept	Oct	Oct-19
		2018	2019	2019	to	to	2019	2019	to
Groups and Expenditure Class					Set -19	Oct-18			Set-19
a	ALL GROUPS	100.1	99.6	99.5	-0.1%	-0.6%	99.6	99.5	-0.10
1	FOOD AND NON-ALCOHOLIC BEVERAGES	100.0	99.4	99.7	0.3%	-0.3%	56.45	56.63	0.18
1.1	Bread and cereals (excluding rice)	100.0	100.1	100.1	0.0%	0.1%	1.98	1.98	0.00
1.2	Rice	100.0	95.3	95.3	0.0%	-4.7%	12.63	12.63	0.00
1.3	Meat	100.0	100.0	100.0	0.0%	0.0%	9.35	9.35	0.00
1.4	Fish and seafood	99.6	99.6	99.6	0.0%	0.0%	3.14	3.14	0.00
1.5	Milk, cheese and eggs	100.0	97.9	97.9	0.0%	-2.1%	1.75	1.75	0.00
1.6	Oils and fats	100.0	93.9	93.9	0.0%	-6.1%	3.12	3.12	0.00
1.7	Fruit	100.0	100.0	100.0	0.0%	0.0%	1.26	1.26	0.00
1.8	Vegetables	100.0	104.7	106.5	1.7%	6.5%	11.18	11.37	0.19
1.9	Sugar, jam, honey, chocolate and confectionery	100.0	95.0	95.0	0.0%	-5.0%	4.42	4.42	0.00
1.10	Food products n.e.c.	100.0	100.0	100.0	0.0%	0.0%	3.96	3.96	0.00
1.11	Coffee, tea and cocoa	100.0	110.0	110.0	0.0%	10.0%	2.78	2.78	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.0	99.9	99.9	0.0%	-0.1%	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
2	ALCOHOL AND TOBACCO	100.0	99.0	95.3	-3.7%	-4.7%	7.18	6.91	-0.27
2.1	Alcohol	100.0	97.4	97.4	0.0%	-2.6%	2.57	2.57	0.00
2.2	Tobacco	100.0	100.0	94.1	-5.9%	-5.9%	4.61	4.34	-0.27
3	CLOTHING AND FOOTWEAR	99.9	100.2	100.2	0.0%	0.3%	14.21	14.20	0.00
3.1	Garments for men	100.0	100.0	100.0	0.0%	0.0%	2.92	2.92	0.00
3.2	Garments for women	100.0	100.0	100.0	0.0%	0.0%	2.52	2.52	0.00
3.3	Garments for infants and children	99.5	100.6	100.6	0.0%	1.1%	3.74	3.74	0.00
3.4	Footwear and clothing accessories	100.0	100.0	100.0	0.0%	0.0%	5.02	5.02	0.00
4	HOUSING	100.2	100.6	100.6	0.0%	0.4%	2.62	2.62	0.00
4.2	Maintenance and repair of the dwelling	100.7	101.7	101.7	0.0%	1.0%	0.88	0.88	0.00
4.3	Water, electricity, gas and other fuels	100.0	100.1	100.1	0.0%	0.1%	1.73	1.73	0.00
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	101.8	100.3	100.3	0.0%	-1.5%	8.81	8.81	0.00
5.1	Household furniture and textiles	100.3	98.2	98.2	0.0%	-2.1%	0.12	0.12	0.00
5.2	Household appliances	100.0	97.2	97.2	0.0%	-2.8%	0.28	0.28	0.00
5.3	Goods and services for routine household maintenance	101.8	100.4	100.4	0.0%	-1.4%	8.41	8.41	0.00
6	HEALTH	100.0	100.0	100.0	0.0%	0.0%	1.24	1.24	0.00
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
7	TRANSPORT	100.6	100.8	100.8	0.0%	0.2%	1.53	1.53	0.00
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	102.3	102.8	102.8	0.0%	0.5%	0.44	0.44	0.00
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	1.09	1.09	0.00
8	COMMUNICATION	100.0	99.4	99.4	0.0%	-0.6%	4.71	4.71	0.00
8.1	Telecommunication equipment and services	100.0	99.4	99.4	0.0%	-0.6%	4.71	4.71	0.00
9	RECREATION and CULTURE	100.0	99.9	99.9	0.0%	-0.1%	1.77	1.77	0.00
9.1	Audio-visual, photographic and information processing equipment	100.3	95.5	95.5	0.0%	-4.8%	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
10	EDUCATION	100.0	100.0	100.0	0.0%	0.0%	1.08	1.08	0.00
10	Education	100.0	100.0	100.0	0.0%	0.0%	1.08	1.08	0.00

TABLE 2. OTHERS - analytical index

October 2019		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Oct 2018	Sept 2019	Oct 2019	Oct-19 to Set-19	Oct-19 to Oct-18	Sept 2019	Oct 2019	Oct-19 to Sep-19
Groups and Expenditure Class									
a	ALL GROUPS	100.0	100.8	100.2	-0.6%	0.2%	100.8	100.2	-0.60
1	FOOD AND NON-ALCOHOLIC BEVERAGES	100.2	101.0	100.2	-0.8%	0.0%	56.34	55.99	-0.35
1.1	Bread and cereals (excluding rice)	100.0	101.4	101.4	0.0%	1.4%	2.08	2.12	0.04
1.2	Rice	100.0	98.8	98.0	-0.8%	-2.0%	15.76	15.58	-0.18
1.3	Meat	101.5	101.1	99.8	-1.3%	-1.7%	7.48	7.36	-0.13
1.4	Fish and seafood	99.6	100.6	99.2	-1.4%	-0.4%	2.57	2.54	-0.03
1.5	Milk, cheese and eggs	100.8	105.5	105.1	-0.4%	4.3%	1.88	1.87	-0.01
1.6	Oils and fats	99.2	98.0	97.4	-0.6%	-1.8%	4.46	4.42	-0.04
1.7	Fruit	100.2	102.1	100.7	-1.4%	0.5%	0.76	0.75	-0.01
1.8	Vegetables	100.2	106.9	107.2	0.3%	7.0%	8.89	9.03	0.14
1.9	Sugar, jam, honey, chocolate and confectionery	100.5	100.3	98.4	-1.9%	-2.1%	5.59	5.47	-0.11
1.10	Food products n.e.c.	99.6	99.5	99.2	-0.3%	-0.4%	3.96	3.94	-0.02
1.11	Coffee, tea and cocoa	100.0	100.4	98.6	-1.8%	-1.4%	2.03	2.02	0.00
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.0	101.4	101.4	0.0%	1.4%	0.63	0.63	0.00
1.13	Prepared food/meals	100.0	100.0	100.0	0.0%	0.0%	0.26	0.26	0.00
2	ALCOHOL AND TOBACCO	99.3	102.2	102.1	-0.1%	2.8%	8.39	8.38	-0.01
2.1	Alcohol	99.4	99.8	99.9	0.1%	0.5%	1.46	1.46	0.00
2.2	Tobacco	99.3	102.7	102.5	-0.2%	3.2%	6.94	6.92	-0.02
3	CLOTHING AND FOOTWEAR	99.8	100.4	100.3	-0.1%	0.5%	6.17	6.14	-0.03
3.1	Garments for men	100.0	99.5	99.5	0.0%	-0.5%	1.15	1.14	-0.01
3.2	Garments for women	100.2	101.9	101.9	0.0%	1.7%	1.09	1.08	0.00
3.3	Garments for infants and children	98.8	98.9	98.8	-0.1%	0.0%	2.00	2.00	-0.01
3.4	Footwear and clothing accessories	100.6	101.6	101.6	0.0%	1.0%	1.92	1.92	-0.01
4	HOUSING	99.8	100.8	99.0	-1.8%	-0.8%	6.26	6.13	-0.13
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	99.4	99.4	99.2	-0.2%	-0.2%	1.67	1.66	-0.01
4.3	Water, electricity, gas and other fuels	100.0	101.3	98.9	-2.4%	-1.1%	4.58	4.46	-0.12
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	99.7	99.3	98.9	-0.4%	-0.8%	8.16	8.10	-0.06
5.1	Household furniture and textiles	98.8	100.5	100.5	0.0%	1.7%	1.08	1.08	0.00
5.2	Household appliances	100.0	100.1	100.1	0.0%	0.1%	1.24	1.23	0.00
5.3	Goods and services for routine household maintenance	99.8	98.9	98.3	-0.6%	-1.5%	5.84	5.78	-0.05
6	HEALTH	100.0	100.0	100.0	0.0%	0.0%	1.86	1.86	0.00
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
7	TRANSPORT	99.9	99.9	99.8	-0.1%	-0.1%	4.68	4.68	-0.01
7.1	Purchase of vehicles	100.0	100.9	100.9	0.0%	0.9%	1.07	1.07	0.00
7.2	Operation of personal transport equipment	99.6	99.1	98.8	-0.3%	-0.8%	1.63	1.63	0.00
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	1.99	1.98	0.00
8	COMMUNICATION	100.0	100.2	100.2	0.0%	0.2%	4.69	4.69	0.00
8.1	Telecommunication equipment and services	100.0	100.2	100.2	0.0%	0.2%	4.69	4.69	0.00
9	RECREATION and CULTURE	100.0	100.2	100.2	0.0%	0.2%	3.26	3.25	-0.01
9.1	Audio-visual, photographic and information processing equipment	100.0	99.2	99.2	0.0%	-0.8%	0.28	0.27	0.00
9.2	Recreational items and cultural services	100.0	100.0	100.0	0.0%	0.0%	1.96	1.95	0.00
9.3	Newspapers, books and stationery	100.0	100.7	100.7	0.0%	0.7%	1.03	1.02	0.00
10	EDUCATION	100.0	108.0	108.0	0.0%	8.0%	0.99	0.99	0.00
10	Education	100.0	108.0	108.0	0.0%	8.0%	0.99	0.99	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

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

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



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