



CONSUMER PRICE INDEX

TIMOR-LESTE APRIL 2023

CPI SERIES 3 EDITION

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INSTITUTO NACIONAL DE ESTATÍSTICA
TIMOR-LESTE, I.P.



Ministerio das Finanças



Title

Consumer Price Index Timor-Leste,
April 2023

Editor

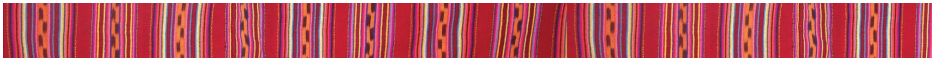
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NOTES

CHANGES FROM THE EDITION CPI SERIES 3 None

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QUERIES

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**CONSUMER PRICE INDEX
TIMOR - LESTE, APRIL 2023**

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

April 2023 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)
	Apr - 2023 to Mar-2023	Apr—2023 to Apr—2022
	% change	% change
All groups CPI	-0.2%	8.1%
Tradeable CPI	-0.3%	10.1%
Non-Tradeable CPI	-0.2%	2.9%
1. Food and non-alcoholic beverages	-0.3%	9.2%
2. Alcohol and tobacco	0.6%	32.3%
3. Clothing and footwear	-0.5%	1.6%
4. Housing	-0.1%	1.3%
5. Furnishings, household equipment and routine household maintenance	-0.5%	-0.4%
6. Health	0.0%	0.0%
7. Transport	-1.2%	-0.3%
8. Communication	0.0%	0.8%
9. Recreation and culture	0.0%	-1.0%
10. Education	0.0%	7.0%



April 2023 Key Points

- The All Groups CPI fall -0.2% in April 2023, compared to a rise +0.9% in March 2023.
- The significant fall of the Food and non Alcoholic Beverages (-0.3%), Transports (-1.2%), Furnishing, Household Equipment and Routine Household Maintenance (-0.5%), Clothing and Footwear (-0.5%), and Housing (-0.1%). The largest offsetting movement came from Alcohol and Tobacco (+0.6%) groups.
- The 12-month Tradeable CPI rate stood at +10.1%, with the Non-Tradeable rate a rise +2.9%

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 April 2023, so the 12-month rate measures changes in prices between April 2023 and April 2022.

Latest figure and long-term trend

The CPI 12-month rate between April 2023 and April 2022 stood at +8.1%, meaning that a basket of goods and services that cost \$100.00 in April 2022 would have cost \$100.81 in April 2023.

The All Groups CPI (+8.1%) through the year ending April 2023. The largest driver of the rise in the annual came from Food and Non-Alcoholic Beverages (+9.2%) group, which was driven by Oil and Fats (+15.3%), Rice (+9.9%), Vegetables (+12.8%), Sugar, Jam, Honey, Chocolate and Confectionery (+25.8%), Meats (+5.4%), Fish and Seafood (+6.0%), Bread and Cereals (+9.7%), and Mineral Waters, Soft Drinks, Fruit and Vegetable Juices (+7.9%) subgroups. The largest offsetting movement came from Milk, Cheese and Eggs (-1.7%), Fruits (-5.2%), Coffee, Tea, and Cocoa (-4.5%) and Food Products (-0.5%) sub group. The Alcohol and Tobacco (+32.3%), Housing (+1.3%), Education (+7.0%), Communication (+0.8%), and Clothing and Footwear (+1.6%) groups. The largest offsetting movement came from Transports (-0.3%), Recreation and Culture (-1.0%) and Furnishing, Household Equipment and Routine Household Maintenance (-0.4%) groups.

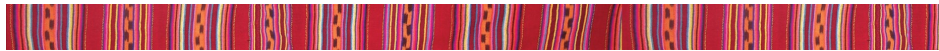
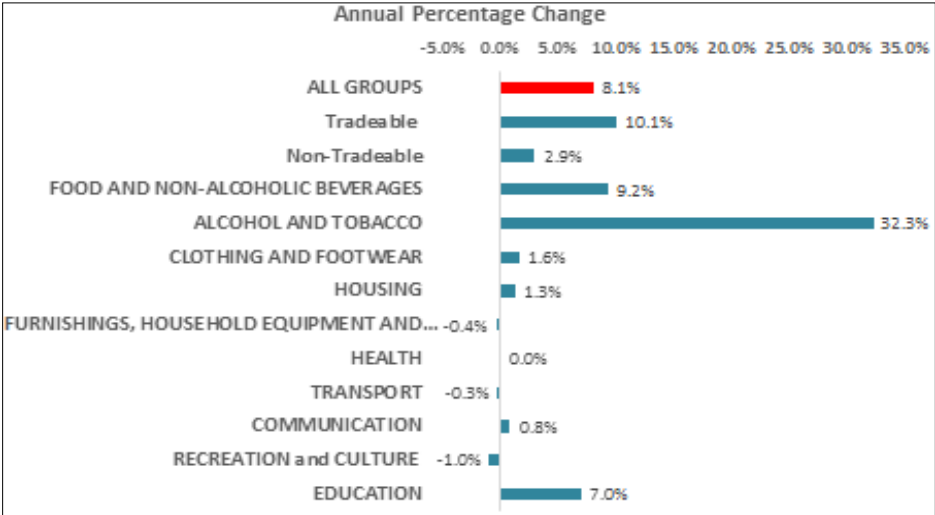


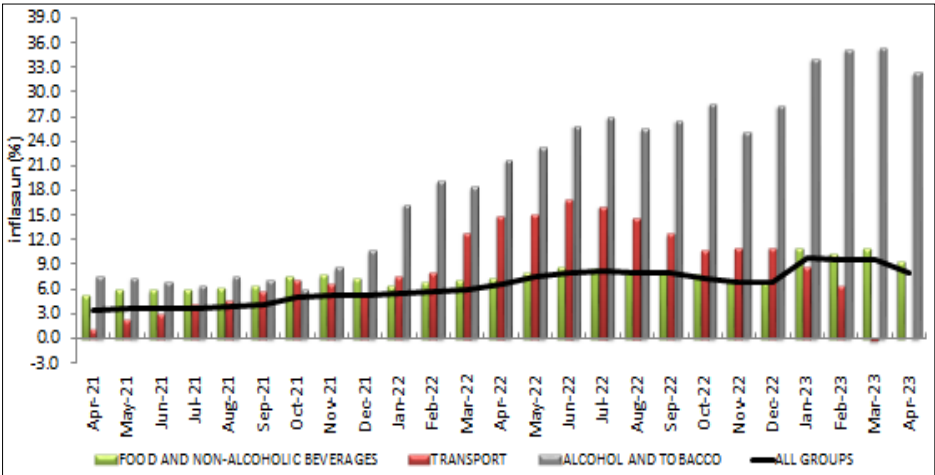
Figure A: Contributions to the CPI 12-month rate, April 2023



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 April 2023—April 2021



Source: General Directorate of Statistics, Ministry of Finance

The sustained period of deflation as seen during the period April 2023 to April 2021 was largely driven by the Food and non-alcoholic beverage, Transport and Alcohol and Tobacco 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?

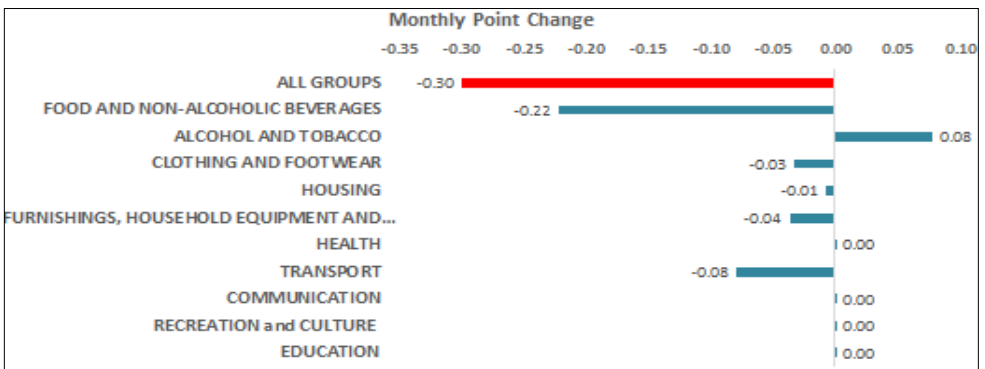
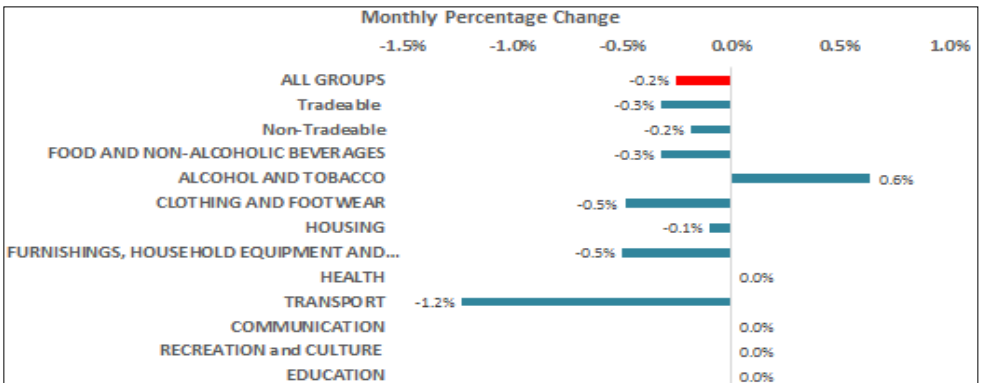
The largest upward contributions to the change in the one month CPI rate (-0.2%) between April 2023 and March 2023, came from:

- **Food and non-alcoholic beverages (-0.3%):** which was significantly driven by **Oil and Fats (-2.7%), Vegetables (-0.7%), Meats (-0.8%), Milk, cheese and Eggs (-1.8%) and Coffee, Tea and Cocoa (-1.2%)** sub groups. The largest offsetting movement came **Fish and Seafood (+3.4%), Rice (+0.2%), Sugar, Jam, Honey, Chocolate and Confectionery (+0.2%) and Fruits (+1.1%)** sub groups.
- **Transport (-1.2%):** was driven by **Operation of Personal Transport Equipment (-2.8%) and Purchase of Vehicle (-0.3%)** sub groups.
- **Furnishing, Household Equipment and Routine Household Maintenance (-0.5%):** was driven by **Household Furniture and Textiles (-3.9%) and Household Appliances (-1.9%)** sub groups.
- **Clothing and Footwear (-0.5%):** was driven by **Footwear and Clothing Accessories (-0.9%) and Garment for Men (-0.7%)**
- **Housing (-0.1%):** was driven by **Maintenance, Repair of the Dwelling (-0.7%)** sub group.

In the other part, the largest offsetting movement came from:

- **Alcohol and Tobacco (-0.3%):** was driven by **Tobacco (+0.8%)** sub group.

Figure C: Contributions to the change in the CPI monthly rate, April 2023 to April 2022



Source: General Directorate of Statistics, Ministry of Finance

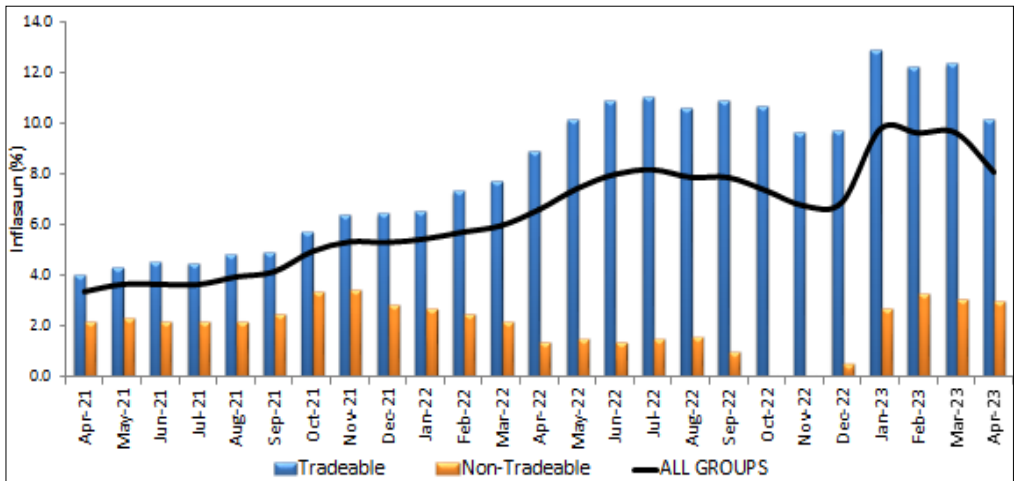
Notes: Individual contributions may not sum to the total due to rounding.

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, Apr-23 to Apr-21



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 April 2021 to April 2023 has been driven by international factors as indicated by the tradeable CPI rate. The 12-month CPI rate is currently at +8.1%, which was driven by the Tradeable (+10.1%) and Non-Tradeable (+2.9%) showed increased. 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

Groups and Expenditure Class		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Apr	Mar	Apr	Apr-23	Apr-23	Mar	Apr	Apr-23
		2022	2023	2023	to	to	2023	2023	to
					Mar-23	Apr-22			Mar-23
a	ALL GROUPS	111.5	120.8	120.5	-0.2%	8.1%	120.8	120.5	-0.30
c	TRADEABLE CPI	114.0	125.9	125.5	-0.3%	10.1%			
d	NON-TRADEABLE CPI	105.9	109.2	109.0	-0.2%	2.9%			
1	FOOD AND NON-ALCOHOLIC BEVERAGES	114.9	125.9	125.5	-0.3%	9.2%	68.12	67.90	-0.22
1.1	Bread and cereals (excluding rice)	102.3	112.2	112.2	0.0%	9.7%	2.59	2.59	0.00
1.2	Rice	115.5	126.6	126.9	0.2%	9.9%	15.88	15.91	0.04
1.3	Meat	104.0	110.5	109.6	-0.8%	5.4%	8.94	8.88	-0.07
1.4	Fish and seafood	102.0	104.5	108.1	3.4%	6.0%	3.28	3.39	0.11
1.5	Milk, cheese and eggs	125.3	125.4	123.2	-1.8%	-1.7%	2.70	2.65	-0.05
1.6	Oils and fats	141.1	167.3	162.7	-2.7%	15.3%	6.18	6.01	-0.17
1.7	Fruit	111.2	104.3	105.4	1.1%	-5.2%	1.36	1.37	0.02
1.8	Vegetables	133.3	151.5	150.4	-0.7%	12.8%	14.07	13.97	-0.10
1.9	Sugar, jam, honey, chocolate and confectionery	100.7	126.4	126.7	0.2%	25.8%	5.68	5.70	0.02
1.10	Food products n.e.c.	104.2	103.6	103.7	0.1%	-0.5%	4.02	4.02	0.01
1.11	Coffee, tea and cocoa	111.0	107.3	106.0	-1.2%	-4.5%	1.95	1.92	-0.02
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.6	108.5	108.5	0.0%	7.9%	0.85	0.85	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	131.3	172.6	173.7	0.6%	32.3%	12.08	12.16	0.08
2.1	Alcohol	112.4	130.3	130.3	0.0%	15.9%	2.15	2.15	0.00
2.2	Tobacco	137.1	185.6	187.1	0.8%	36.5%	9.93	10.01	0.08
3	CLOTHING AND FOOTWEAR	101.4	103.5	103.0	-0.5%	1.6%	7.19	7.16	-0.03
3.1	Garments for men	104.6	102.7	102.0	-0.7%	-2.5%	1.26	1.25	-0.01
3.2	Garments for women	100.0	101.3	101.2	-0.1%	1.2%	1.18	1.18	0.00
3.3	Garments for infants and children	103.6	110.0	109.9	-0.1%	6.1%	2.63	2.63	0.00
3.4	Footwear and clothing accessories	98.1	97.8	96.9	-0.9%	-1.2%	2.12	2.10	-0.02
4	HOUSING	100.9	102.3	102.2	-0.1%	1.3%	6.43	6.43	-0.01
4.1	Actual rentals paid by tenants	96.5	100.0	100.0	0.0%	3.6%	0.07	0.07	0.00
4.2	Maintenance and repair of the dwelling	104.1	106.6	105.9	-0.7%	1.7%	1.11	1.10	-0.01
4.3	Water, electricity, gas and other fuels	100.3	101.4	101.4	0.0%	1.1%	5.26	5.26	0.00
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	100.8	100.9	100.4	-0.5%	-0.4%	7.93	7.89	-0.04
5.1	Household furniture and textiles	100.6	100.9	97.0	-3.9%	-3.6%	1.07	1.03	-0.04
5.2	Household appliances	104.0	106.6	104.6	-1.9%	0.6%	1.12	1.10	-0.02
5.3	Goods and services for routine household maintenance	100.2	99.9	100.3	0.4%	0.1%	5.74	5.76	0.03
6	HEALTH	101.0	101.0	101.0	0.0%	0.0%	1.95	1.95	0.00
6.1	Medical products, appliances and equipment	101.0	101.0	101.0	0.0%	0.0%	1.71	1.71	0.00
6.2	Medical and Hospital services	100.7	100.7	100.7	0.0%	0.0%	0.25	0.25	0.00
7	TRANSPORT	112.5	113.6	112.2	-1.2%	-0.3%	6.61	6.53	-0.08
7.1	Purchase of vehicles	112.1	117.9	117.6	-0.3%	4.9%	1.39	1.39	0.00
7.2	Operation of personal transport equipment	115.7	116.0	112.8	-2.8%	-2.5%	2.76	2.69	-0.08
7.3	Transport services	109.4	108.8	108.8	0.0%	-0.5%	2.46	2.46	0.00
8	COMMUNICATION	99.5	100.3	100.3	0.0%	0.8%	4.78	4.78	0.00
8.1	Telecommunication equipment and services	99.5	100.3	100.3	0.0%	0.8%	4.78	4.78	0.00
9	RECREATION and CULTURE	101.9	100.9	100.9	0.0%	-1.0%	3.51	3.51	0.00
9.1	Audio-visual, photographic and information processing equipment	97.9	96.3	96.3	0.0%	-1.6%	0.32	0.32	0.00
9.2	Recreational items and cultural services	101.9	100.9	100.9	0.0%	-1.0%	1.90	1.90	0.00
9.3	Newspapers, books and stationery	102.8	102.3	102.3	0.0%	-0.5%	1.29	1.29	0.00
10	EDUCATION	114.5	122.5	122.5	0.0%	7.0%	2.19	2.19	0.00
10	Education	114.5	122.5	122.5	0.0%	7.0%	2.19	2.19	0.00

TABLE 2. DILI - analytical index

April 2023 Groups and Expenditure Class		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Apr	Mar	Apr	Apr-23	Apr-23	Mar	Apr	Apr-23
		2022	2023	2023	to	to	2023	2023	to
					Mar-23	Apr-22			Mar-23
a	ALL GROUPS	111.9	118.7	118.4	-0.3%	5.8%	118.7	118.4	-0.30
1	FOOD AND NON-ALCOHOLIC BEVERAGES	118.1	126.1	125.8	-0.2%	6.5%	64.41	64.26	-0.15
1.1	Bread and cereals (excluding rice)	101.6	109.5	109.5	0.0%	7.8%	2.94	2.94	0.00
1.2	Rice	119.3	121.3	121.6	0.2%	1.9%	9.54	9.57	0.02
1.3	Meat	103.7	110.9	109.5	-1.3%	5.6%	9.70	9.57	-0.13
1.4	Fish and seafood	102.0	102.3	106.2	3.8%	4.1%	3.99	4.14	0.15
1.5	Milk, cheese and eggs	128.9	125.8	125.9	0.1%	-2.3%	3.45	3.45	0.00
1.6	Oils and fats	138.1	134.7	133.8	-0.7%	-3.1%	3.58	3.56	-0.02
1.7	Fruit	114.6	104.7	107.5	2.7%	-6.2%	2.15	2.20	0.06
1.8	Vegetables	146.1	172.4	170.6	-1.0%	16.8%	17.37	17.19	-0.17
1.9	Sugar, jam, honey, chocolate and confectionery	103.3	131.6	131.2	-0.3%	27.0%	3.99	3.98	-0.01
1.10	Food products n.e.c.	106.6	106.6	106.2	-0.4%	-0.4%	3.96	3.95	-0.02
1.11	Coffee, tea and cocoa	112.1	107.2	104.5	-2.5%	-6.8%	1.41	1.38	-0.04
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.9	104.9	104.8	-0.1%	3.9%	1.03	1.03	0.00
1.13	Prepared food/meals	100.0	100.0	100.0	0.0%	0.0%	1.30	1.30	0.00
2	ALCOHOL AND TOBACCO	122.6	160.5	162.2	1.1%	32.3%	8.54	8.63	0.09
2.1	Alcohol	111.5	126.9	127.0	0.1%	13.9%	2.09	2.10	0.00
2.2	Tobacco	127.6	175.6	178.1	1.4%	39.6%	6.44	6.54	0.09
3	CLOTHING AND FOOTWEAR	102.3	105.7	105.2	-0.5%	2.8%	6.58	6.55	-0.03
3.1	Garments for men	102.4	99.7	98.7	-1.0%	-3.6%	0.90	0.89	-0.01
3.2	Garments for women	100.0	101.6	101.5	-0.1%	1.5%	0.97	0.97	0.00
3.3	Garments for infants and children	105.1	114.2	114.0	-0.2%	8.5%	2.91	2.91	0.00
3.4	Footwear and clothing accessories	99.3	99.1	98.0	-1.1%	-1.3%	1.80	1.78	-0.02
4	HOUSING	99.2	101.2	101.2	0.0%	2.0%	7.45	7.45	0.00
4.1	Actual rentals paid by tenants	96.5	100.0	100.0	0.0%	3.6%	0.17	0.17	0.00
4.2	Maintenance and repair of the dwelling	107.2	110.3	109.5	-0.7%	2.1%	0.25	0.25	0.00
4.3	Water, electricity, gas and other fuels	99.1	101.0	101.0	0.0%	1.9%	7.02	7.02	0.00
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	102.1	101.4	100.6	-0.8%	-1.5%	7.26	7.21	-0.05
5.1	Household furniture and textiles	100.5	100.7	96.6	-4.1%	-3.9%	1.29	1.24	-0.05
5.2	Household appliances	104.2	106.7	104.5	-2.1%	0.3%	1.06	1.04	-0.02
5.3	Goods and services for routine household maintenance	102.0	100.5	100.9	0.4%	-1.1%	4.91	4.93	0.02
6	HEALTH	100.0	100.0	100.0	0.0%	0.0%	2.21	2.21	0.00
6.1	Medical products, appliances and equipment	100.0	100.0	100.0	0.0%	0.0%	1.94	1.94	0.00
6.2	Medical and Hospital services	100.0	100.0	100.0	0.0%	0.0%	0.28	0.28	0.00
7	TRANSPORT	108.2	109.2	107.3	-1.7%	-0.8%	9.19	9.03	-0.16
7.1	Purchase of vehicles	112.6	118.4	118.1	-0.3%	4.9%	1.94	1.93	0.00
7.2	Operation of personal transport equipment	112.7	112.2	108.2	-3.6%	-4.0%	4.32	4.17	-0.15
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	2.93	2.93	0.00
8	COMMUNICATION	99.4	100.5	100.5	0.0%	1.1%	4.91	4.91	0.00
8.1	Telecommunication equipment and services	99.4	100.5	100.5	0.0%	1.1%	4.91	4.91	0.00
9	RECREATION and CULTURE	101.4	101.1	101.1	0.0%	-0.3%	4.26	4.26	0.00
9.1	Audio-visual, photographic and information processing equipment	98.1	96.5	96.5	0.0%	-1.6%	0.48	0.48	0.00
9.2	Recreational items and cultural services	101.1	101.1	101.1	0.0%	0.0%	2.03	2.03	0.00
9.3	Newspapers, books and stationery	102.8	102.3	102.3	0.0%	-0.5%	1.75	1.75	0.00
10	EDUCATION	115.5	124.1	124.1	0.0%	7.4%	3.89	3.89	0.00
10	Education	115.5	124.1	124.1	0.0%	7.4%	3.89	3.89	0.00

TABLE 3. BAUCAU - analytical index

April 2023 Groups and Expenditure Class		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Apr	Mar	Apr	Apr-23	Apr-23	Mar	Apr	Apr-23
		2022	2023	2023	to Mar-23	to Apr-22	2023	2023	to Mar-23
a	ALL GROUPS	102.1	111.1	110.9	-0.2%	8.6%	111.1	110.9	-0.20
1	FOOD AND NON-ALCOHOLIC BEVERAGES	101.6	115.9	115.3	-0.5%	13.5%	65.85	65.54	-0.31
1.1	Bread and cereals (excluding rice)	103.8	114.8	114.8	0.0%	10.6%	2.27	2.27	0.00
1.2	Rice	91.1	127.2	127.2	0.0%	39.6%	16.87	16.87	0.00
1.3	Meat	104.4	112.3	111.7	-0.5%	7.0%	10.51	10.45	-0.06
1.4	Fish and seafood	99.6	122.2	122.2	0.0%	22.7%	3.85	3.85	0.00
1.5	Milk, cheese and eggs	112.1	119.8	104.8	-12.5%	-6.5%	2.14	1.87	-0.27
1.6	Oils and fats	120.5	132.3	132.3	0.0%	9.8%	4.40	4.40	0.00
1.7	Fruit	92.2	88.3	88.3	0.0%	-4.2%	1.12	1.12	0.00
1.8	Vegetables	107.2	108.7	108.7	0.0%	1.4%	11.61	11.61	0.00
1.9	Sugar, jam, honey, chocolate and confectionery	95.0	120.8	120.8	0.0%	27.2%	5.62	5.62	0.00
1.10	Food products n.e.c.	100.0	92.3	92.3	0.0%	-7.7%	3.66	3.66	0.00
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	100.1	118.2	118.2	0.0%	18.1%	0.99	0.99	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	115.8	130.0	130.0	0.0%	12.3%	9.43	9.43	0.00
2.1	Alcohol	101.2	110.2	110.2	0.0%	8.9%	2.91	2.91	0.00
2.2	Tobacco	124.2	141.3	141.3	0.0%	13.8%	6.52	6.52	0.00
3	CLOTHING AND FOOTWEAR	99.6	99.7	99.7	0.0%	0.1%	14.15	14.15	0.00
3.1	Garments for men	110.4	110.4	110.4	0.0%	0.0%	3.23	3.23	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	98.6	99.1	99.1	0.0%	0.5%	3.69	3.69	0.00
3.4	Footwear and clothing accessories	93.8	93.8	93.8	0.0%	0.0%	4.71	4.71	0.00
4	HOUSING	106.5	107.3	107.3	0.0%	0.8%	2.79	2.79	0.00
4.2	Maintenance and repair of the dwelling	101.1	103.5	103.5	0.0%	2.4%	0.90	0.90	0.00
4.3	Water, electricity, gas and other fuels	109.2	109.2	109.2	0.0%	0.0%	1.89	1.89	0.00
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	95.2	93.8	95.0	1.3%	-0.2%	8.25	8.36	0.11
5.1	Household furniture and textiles	91.2	93.3	93.3	0.0%	2.3%	0.12	0.12	0.00
5.2	Household appliances	96.8	103.4	103.4	0.0%	6.8%	0.30	0.30	0.00
5.3	Goods and services for routine household maintenance	95.2	93.5	94.8	1.4%	-0.4%	7.83	7.94	0.11
6	HEALTH	113.2	113.2	113.2	0.0%	0.0%	1.41	1.41	0.00
6.1	Medical products, appliances and equipment	113.9	113.9	113.9	0.0%	0.0%	1.23	1.23	0.00
6.2	Medical and Hospital services	108.9	108.9	108.9	0.0%	0.0%	0.17	0.17	0.00
7	TRANSPORT	106.9	107.3	107.1	-0.2%	0.2%	1.63	1.63	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	124.7	126.4	125.6	-0.6%	0.7%	0.54	0.53	0.00
7.3	Transport services	100.0	100.0	100.0	0.0%	0.0%	1.09	1.09	0.00
8	COMMUNICATION	99.4	99.6	99.6	0.0%	0.2%	4.72	4.72	0.00
8.1	Telecommunication equipment and services	99.4	99.6	99.6	0.0%	0.2%	4.72	4.72	0.00
9	RECREATION and CULTURE	110.4	101.0	101.0	0.0%	-8.5%	1.79	1.79	0.00
9.1	Audio-visual, photographic and information processing equipment	74.8	72.0	72.0	0.0%	-3.7%	0.02	0.02	0.00
9.2	Recreational items and cultural services	119.6	102.5	102.5	0.0%	-14.3%	0.99	0.99	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

April 2023		INDEX NUMBERS			PERCENTAGE CHANGE		POINTS CONTRIBUTION		POINTS CHANGE
		Apr	Mar	Apr	Apr-23	Apr-23	Mar	Apr	Apr-23
		2022	2023	2023	to	to	2023	2023	to
Groups and Expenditure Class					Mar-23	Apr-22			Mar-23
a	ALL GROUPS	113.1	124.2	123.9	-0.2%	9.5%	124.2	123.9	-0.30
1	FOOD AND NON-ALCOHOLIC BEVERAGES	115.4	127.6	127.2	-0.3%	10.2%	71.32	71.07	-0.25
1.1	Bread and cereals (excluding rice)	102.6	114.3	114.5	0.2%	11.6%	2.39	2.39	0.00
1.2	Rice	118.0	128.5	128.8	0.2%	9.2%	20.44	20.49	0.05
1.3	Meat	104.2	109.5	109.1	-0.4%	4.7%	8.07	8.04	-0.02
1.4	Fish and seafood	102.5	103.0	107.0	3.9%	4.4%	2.63	2.74	0.10
1.5	Milk, cheese and eggs	123.7	126.0	123.6	-1.9%	-0.1%	2.25	2.20	-0.04
1.6	Oils and fats	145.2	186.5	179.7	-3.6%	23.8%	8.46	8.15	-0.31
1.7	Fruit	110.4	108.4	106.6	-1.7%	-3.4%	0.81	0.80	-0.01
1.8	Vegetables	128.0	143.0	142.3	-0.5%	11.2%	12.06	12.00	-0.06
1.9	Sugar, jam, honey, chocolate and confectionery	100.5	125.0	125.8	0.6%	25.2%	6.95	6.99	0.04
1.10	Food products n.e.c.	103.3	103.7	104.2	0.5%	0.9%	4.12	4.14	0.02
1.11	Coffee, tea and cocoa	110.8	106.7	105.8	-0.8%	-4.5%	2.19	2.17	-0.02
1.12	Mineral waters, soft drinks, fruit and vegetable juices	100.3	110.3	110.5	0.2%	10.2%	0.69	0.69	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	138.1	185.6	186.6	0.5%	35.1%	15.25	15.33	0.08
2.1	Alcohol	117.0	139.9	139.7	-0.1%	19.4%	2.05	2.04	0.00
2.2	Tobacco	142.7	195.5	196.7	0.6%	37.8%	13.20	13.28	0.08
3	CLOTHING AND FOOTWEAR	101.7	103.4	102.7	-0.7%	1.0%	6.33	6.29	-0.04
3.1	Garments for men	103.1	100.7	99.8	-0.9%	-3.2%	1.16	1.15	-0.01
3.2	Garments for women	100.1	101.7	101.5	-0.2%	1.4%	1.08	1.08	0.00
3.3	Garments for infants and children	103.8	109.9	109.7	-0.2%	5.7%	2.22	2.22	0.00
3.4	Footwear and clothing accessories	99.4	98.9	97.7	-1.2%	-1.7%	1.87	1.84	-0.02
4	HOUSING	101.9	102.7	102.5	-0.2%	0.6%	6.36	6.35	-0.01
4.1	Actual rentals paid by tenants	96.5	100.0	100.0	0.0%	3.6%	0.00	0.00	0.00
4.2	Maintenance and repair of the dwelling	104.1	106.5	105.8	-0.7%	1.6%	1.79	1.78	-0.01
4.3	Water, electricity, gas and other fuels	101.1	101.3	101.3	0.0%	0.2%	4.57	4.57	0.00
5	FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	101.0	102.0	101.4	-0.6%	0.4%	8.36	8.31	-0.05
5.1	Household furniture and textiles	100.9	101.2	97.5	-3.7%	-3.4%	1.09	1.05	-0.04
5.2	Household appliances	104.2	106.7	104.6	-2.0%	0.4%	1.32	1.29	-0.03
5.3	Goods and services for routine household maintenance	100.4	101.2	101.5	0.3%	1.1%	5.95	5.97	0.02
6	HEALTH	100.2	100.2	100.2	0.0%	0.0%	1.86	1.86	0.00
6.1	Medical products, appliances and equipment	100.2	100.2	100.2	0.0%	0.0%	1.62	1.62	0.00
6.2	Medical and Hospital services	100.3	100.3	100.3	0.0%	0.0%	0.24	0.24	0.00
7	TRANSPORT	118.6	120.0	119.2	-0.7%	0.5%	5.63	5.59	-0.03
7.1	Purchase of vehicles	111.6	117.4	117.0	-0.3%	4.8%	1.24	1.24	0.00
7.2	Operation of personal transport equipment	120.5	122.3	120.4	-1.6%	-0.1%	2.02	1.99	-0.03
7.3	Transport services	120.8	119.4	119.4	0.0%	-1.2%	2.37	2.37	0.00
8	COMMUNICATION	99.6	100.4	100.4	0.0%	0.8%	4.69	4.69	0.00
8.1	Telecommunication equipment and services	99.6	100.4	100.4	0.0%	0.8%	4.69	4.69	0.00
9	RECREATION and CULTURE	101.4	100.8	100.8	0.0%	-0.6%	3.28	3.28	0.00
9.1	Audio-visual, photographic and information processing equipment	98.0	96.4	96.4	0.0%	-1.6%	0.27	0.27	0.00
9.2	Recreational items and cultural services	100.9	100.5	100.5	0.0%	-0.4%	1.97	1.97	0.00
9.3	Newspapers, books and stationery	103.2	102.6	102.6	0.0%	-0.6%	1.04	1.04	0.00
10	EDUCATION	115.2	123.4	123.4	0.0%	7.1%	1.13	1.13	0.00
10	Education	115.2	123.4	123.4	0.0%	7.1%	1.13	1.13	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.



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