



Anguilla Government Statistics Department

ANGUILLA'S CONSUMER PRICE INDEX

4th Quarter: October – December 2022

Inflation
Rate

2.1%

OVERVIEW

Anguilla's Consumer Price Index (AXACPI) shows the rate at which prices of a basket of consumption goods and services change over a period of time for households in Anguilla.

The AXACPI series referenced March 2010=100.0 for the fourth quarter of 2022 (October – December 2022), showed that consumers paid 'overall' 2.1% more for the basket of goods and services this period compared to the previous quarter (July – September 2022).

The 'Transport' category, which is assigned the second largest weight in the basket, contributed the largest percentage change to this quarter's increase, followed by contributions from eight (8) other categories. Nine (9) categories experienced increases.

The change from the same quarter over the previous year (December 2022/ December 2021) shows that consumers paid 10.3% more for the basket of goods and services. The 'All Items' stood at 120.99 for December 2022 from 109.71 for December 2021.

The upward pressure on prices, was exerted from the majority of the categories; 'Transport', and Alcoholic Beverages and Tobacco' which contributed in percentage terms the most pressure was followed by categories such as 'Food and Non-Alcoholic Beverages' amongst other categories that influenced this change.

The compilation of the AXACPI involves the collection and processing of several hundred quoted prices. The new series 2010 as referenced is a revision of the old series referenced 2001, which is necessary to take into account the change in people's taste and for the introduction of new items on the market over the elapsed time between 2001 and now.

COICOP	Category	Weights	Dec 21	Sept 22	Dec 22	'Dec 22/ Sept 22	Dec 22/ Dec 21
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	128.3	124.43	140.50	143.45	2.1%	15.3%
11.02	ALCOHOL BEVERAGES, TOBACCO	23.4	129.43	146.05	152.87	4.7%	18.1%
11.03	CLOTHING AND FOOTWEAR	32.5	104.79	115.25	117.64	2.1%	12.3%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	255.5	97.67	105.20	105.33	0.1%	7.8%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	40.3	111.12	123.24	126.42	2.6%	13.8%
11.06	HEALTH	23.4	122.63	130.17	134.56	3.4%	9.7%
11.07	TRANSPORT	159.6	105.15	115.46	126.37	9.5%	20.2%
11.08	COMMUNICATION	134.2	124.52	124.08	124.51	0.3%	0.0%
11.09	RECREATION AND CULTURE	38.1	90.82	89.85	89.85	0.0%	-1.1%
11.10	EDUCATION	59.1	122.86	129.12	129.12	0.0%	5.1%
11.11	RESTAURANTS AND HOTELS	40.4	116.78	127.18	128.57	1.1%	10.1%
11.12	MISCELLANEOUS GOODS AND SERVICES	65.2	102.56	120.10	118.66	-1.2%	15.7%
	All Items	1000.0	109.71	118.46	120.99	2.1%	10.3%

CHANGE FROM PREVIOUS QUARTER

The quarterly inflation for the 4th quarter 2022, stood at 2.1% up from the previous quarter, 3rd quarter 2022. Twelve broad categories make up the AXACPI, of which nine (9) of these categories recorded increases, one (1) recorded decrease and two (2) remained unchanged.

The category 'Transport' recorded the largest quarterly increase with 9.5%, which was partly due to the increase in the sub-category; 'Passenger transport by air' by 62.1% for the average cost of flights to destinations such as New York, St. Thomas and the Dominican Republic, during what is considered to be the winter period.

The 'Alcohol Beverage and Tobacco' category followed with an increase of 4.7%. This increase was due to the increase in

the 'Alcoholic beverage' sub-category of 5.0%.

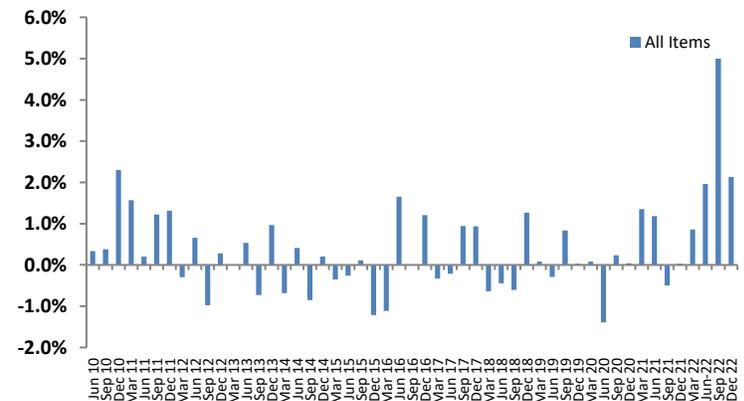


Figure 1: All Items Quarterly change March 2010 to Dec 2022 (March 2010=100)

The ‘Health’ category increased over the quarter by 3.4% due to the increase in the sub-categories ‘Medical products appliances and equipment’ by 0.9% and ‘Hospital services’ by 50.0%.

The ‘Furnishing, Household Equipment...’ category recorded a quarterly increase of 2.6 % due mainly to the sub-categories; such as ‘House appliances’ (12.4%), ‘Tools and equipment for house and Garden’ (3.3%) and ‘Furniture and furnishings’ (1.0%).

The ‘Food and Non-Alcoholic Beverages’ and ‘Clothing & Footwear’ categories both experienced a quarterly increase of 2.1%. The Food and Non-Alcoholic Beverages category, increase was due mainly to the increase in the average prices of ‘Milk, cheese and eggs’ (14.9%), ‘Fish and seafood’ (11.2%) and ‘Meat’ (6.5%). The ‘Clothing & Footwear’ increase was due to the sub-category ‘Clothing’ by (2.6%).

The ‘Restaurant and Hotel’ category increased by 1.1%, this was due to the increase in ‘Accommodation services’ with 33.9%, while restaurants services remain unchanged.

The categories ‘Communication’ and ‘Housing, Water, Electricity, Gas and Other fuels’ increased by 0.3% and 0.1% respectively. This was due to the quality adjustment in phone devices (3.8%) available and increase in water supply prices (5.2%).

The ‘Education’ and ‘Recreation & Culture’ categories remained unchanged this quarter over the previous quarter.

The ‘Miscellaneous Goods & Services’ category had the only inverse effect on this quarterly index as it recorded a negative quarterly change of 1.2%, which was partly due to the decrease in sub-category ‘Personal Care’, which recorded a quarterly declined of 3.3%.

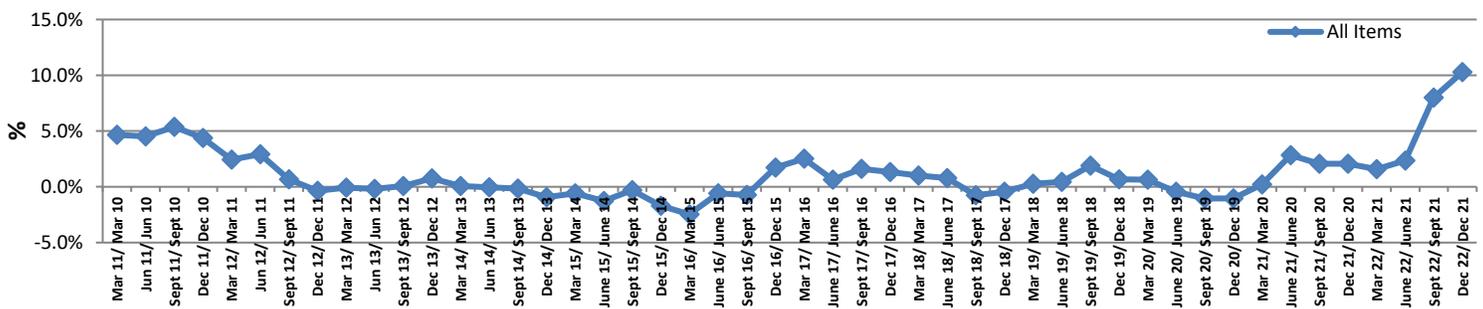


Figure 2: Percentage change from the same quarter of the previous year
March 2010 – Dec 2022

CHANGE FROM SAME QUARTER OF PREVIOUS YEAR

The annual change for this quarter over the previous year (4th quarter 2022/2021), shows that the ‘All Items’ index increased by 10.3%. Within the twelve (12) AXACPI categories, there were ten (10) increases, one decrease and one remained unchanged.

The ‘Transport’ category recorded the largest increase in percentage terms to the overall annual AXACPI figure. This category recorded 20.2% over its corresponding December 2021 figure, which was due to the increase in average prices of ‘Transport services’, ‘Operation of personal transport equipment’ and ‘purchase of vehicles’.

The ‘Alcoholic Beverages, Tobacco’ category followed with an increase of 18.1%. The sub-categories ‘Alcoholic beverages’ and ‘Tobacco’ increase by 17.6% and 39.1% respectively.

The ‘Miscellaneous Goods and Services’ category increased by 15.7%, due to the increases in the sub-categories ‘Personal Care’ (25.0%), ‘Personal effects’ (12.7%) and ‘Insurance’ (15.0%)

The ‘Food and Non-Alcoholic Beverages’ category, registered an increase of 15.3%, due to the increase in the majority of the food sub-categories such as, ‘Oils and Fats’ (42.3%), ‘Milk, cheese and eggs’ (25.1%), ‘Fish and seafood’ (21.0%), amongst others.

The ‘Furnishing, Household Equipment and Routine...’ category increased by 13.8%. This increase was due to the

increase in all the sub-categories, the highest percentage increases were recorded in the ‘Household appliance’ and ‘Furniture and furnishings, carpet and other floor covering’ subcategories with 24.6% and 22.3% respectively.

The ‘Clothing & Footwear’ category increased by 12.3%. The ‘Clothing’ and the ‘Footwear’ subcategories both contributed 10.0% and 24.2% respectively.

The ‘Restaurants and Hotels’ category recorded an annual increase of 10.1%, due to the increase in the average cost of ‘Restaurant services’ by 10.0% and ‘Accommodation services’ by 13.6%.

The ‘Health’ category recorded an increase of 9.7%. This increase was due to the increase in the average price in the sub-categories; ‘Medical products appliances and equipment’ (10.0%), ‘Out-patient Services’ (5.2%), and ‘Hospital Services’ (50.0%).

The ‘Housing, Water, Electricity...’ category increased by 7.8%, this was mainly due to the increase in the average prices of the sub-category ‘Electricity, gas and other fuels’ sub-category which increased by 35.7%.

Education increased by 5.1%; the lowest recorded category annual increase, due to the sub-categories ‘Tertiary education’ (5.2%) and ‘Other education not definable by level’ (7.7%).

Communication category remain unchanged over the period. The ‘Recreation & Culture’ category was the only category that had a negative effect on the overall annual figure with a registered 1.1%.

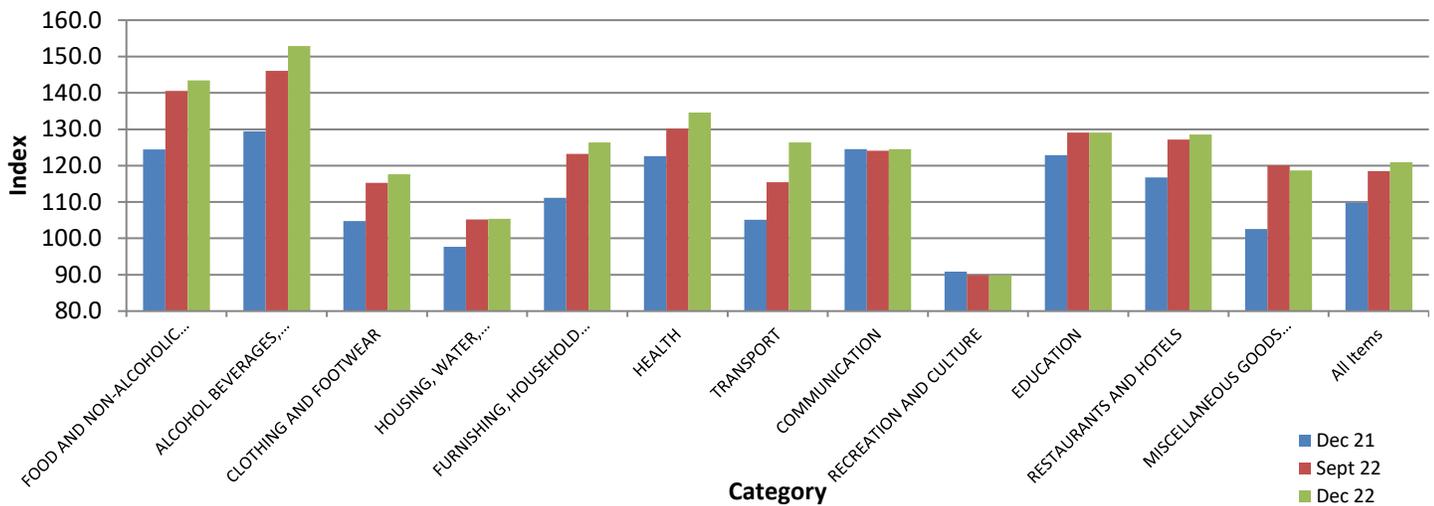


Figure 3: Consumer Price Index by category
(Dec 2021, Sept 2022 and Dec 2022)

CALENDAR YEAR ANNUAL ANALYSIS

The calendar year (average index for the year) analysis shows that on average, throughout 2022, consumers paid 5.6% more for goods and services in comparison to 2021, with all twelve (12) categories experiencing increases throughout the year. This increase may have been due the introduction of a 13% Goods and Services Tax (GST), which was implemented on July 1 2022. The greatest impact in percentage terms to increase this calendar year were the categories ‘Food and Non-Alcoholic Beverages’, ‘Alcoholic beverage and Tobacco’ and ‘Restaurants and Hotels’ with 10.9%, 10.7% and 8.7% respectively.

Code	Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	2.7%	1.7%	1.7%	-0.6%	-0.3%	1.2%	0.9%	2.3%	0.5%	3.2%	10.9%
11.02	ALCOHOL BEVERAGES, TOBACCO	1.2%	3.8%	0.9%	-0.1%	0.8%	2.1%	0.5%	3.1%	1.5%	-1.4%	10.2%
11.03	CLOTHING AND FOOTWEAR	6.4%	4.2%	-4.6%	-4.1%	4.0%	-4.5%	3.1%	2.9%	-2.2%	-2.2%	6.1%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	-0.2%	-1.9%	-0.2%	-1.3%	-1.8%	-0.7%	-0.2%	-0.01%	-2.5%	3.0%	6.8%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	2.1%	0.1%	-2.1%	-1.0%	4.4%	0.5%	1.3%	-1.1%	-1.5%	-1.1%	7.1%
11.06	HEALTH	2.8%	7.6%	2.6%	2.9%	-2.2%	1.5%	-0.1%	0.5%	-0.6%	6.9%	6.0%
11.07	TRANSPORT	4.9%	0.2%	-1.8%	-2.7%	-9.0%	5.5%	1.7%	0.9%	-1.3%	0.3%	3.1%
11.08	COMMUNICATION	-2.4%	0.2%	-0.7%	0.3%	9.8%	3.6%	-1.4%	3.3%	0.3%	2.9%	0.5%
11.09	RECREATION AND CULTURE	1.9%	-1.5%	-1.8%	-1.7%	-2.1%	1.6%	-5.1%	-5.3%	0.8%	2.4%	4.2%
11.10	EDUCATION	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	2.5%
11.11	RESTAURANTS AND HOTELS	0.6%	2.6%	3.2%	0.7%	-0.3%	1.6%	0.5%	1.4%	5.3%	1.3%	8.7%
11.12	MISCELLANEOUS GOODS AND SERVICES	2.1%	-1.0%	0.9%	-0.1%	1.0%	0.9%	0.9%	-1.6%	2.2%	1.0%	5.6%
	All Items	1.4%	0.1%	-0.26%	-1.0%	-0.5%	1.5%	0.2%	0.8%	-0.5%	1.8%	5.6%

COMPUTING INDEX CHANGE

Quarter-to-Quarter index change, the percentage change from the previous quarter (2nd Quarter and 1st Quarter, 2015) is calculated:

$$\frac{Q1\ 2016\ index - Q4\ 2015\ index}{Q4\ 2015\ index} \times 100$$

$$= \frac{103.97 - 105.15}{105.15} \times 100$$

$$= -1.1\%$$

Quarter-to-Quarter annual index change, for the same quarter of previous year, 1st Quarter 2015 and 1st Quarter, 2014 is calculated:

$$\frac{Q1\ 2016\ index - Q1\ 2015\ index}{Q1\ 2015\ index} \times 100$$

$$= \frac{103.97 - 106.60}{106.60} \times 100$$

$$= -2.5\%$$

Calendar year index change between the arithmetic average of the quarterly indexes of one year to the previous year, 2015 and 2014 is calculated:

$$\frac{Avg.\ year\ 2015\ index - Avg.\ year\ 2014\ index}{Avg.\ year\ 2014\ index} \times 100$$

$$= \frac{106.11 - 107.16}{107.16} \times 100$$

$$= -1.0\%$$

HISTORICAL DATA

All Items	FOOD AND NON-ALCOHOLIC BEVERAGES	ALCOHOL BEVERAGES, TOBACCO	CLOTHING AND FOOTWEAR	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	HEALTH	TRANSPORT	COMMUNICATION	RECREATION AND CULTURE	EDUCATION	RESTAURANTS AND HOTELS	MISC. GOODS AND SERVICES	
CHANGE FROM QUARTERLY ANALYSIS													
2016													
1 st Qtr	-1.1	-0.4	0.0	5.4	-1.5	4.6	-6.8	-5.0	0.0	-1.6	0.0	-0.2	0.2
2 nd Qtr	1.7	0.0	1.0	0.3	0.1	-0.6	7.2	0.4	11.6	-2.7	0.0	-0.8	0.7
3 rd Qtr	-0.01	0.8	0.1	0.2	-0.2	0.4	0.0	-1.1	0.4	1.2	0.0	-0.1	0.0
4 th Qtr	1.2	0.2	0.2	-2.6	-0.2	0.8	0.1	8.8	-1.3	-0.4	0.0	1.1	0.8
2017													
1 st Qtr	-0.3	0.2	1.2	-2.5	0.1	-0.4	-0.0	-4.2	2.4	1.6	0.0	-0.3	0.3
2 nd Qtr	1.9	0.9	0.9	-0.9	0.2	-0.3	-0.3	9.3	0.1	1.7	0.0	5.7	-0.1
3 rd Qtr													
4 th Qtr	-0.6	0.1	0.0	1.7	-0.4	0.5	0.0	-2.1	-1.1	-2.0	0.0	-2.6	0.4
2018													
1 st Qtr	-0.6	0.1	0.0	1.7	-0.4	0.5	0.0	-2.1	-1.1	-2.0	0.0	-2.6	0.4
2 nd Qtr	-0.4	-1.7	-0.8	1.1	-0.2	-1.6	0.0	-1.3	0.3	2.0	0.0	-1.1	0.0
3 rd Qtr	-0.6	1.6	-0.5	0.3	0.0	1.2	0.0	-2.9	-0.1	-9.8	0.0	0.0	0.1
4 th Qtr	1.3	2.6	2.8	3.9	1.9	5.8	0.6	0.0	-0.8	-3.2	0.0	2.2	2.2
2019													
1 st Qtr	0.1	0.4	1.3	0.2	0.5	6.0	0.0	-1.1	4.0	0.6	0.8	0.4	-1.1
2 nd Qtr	-0.3	-0.4	-0.8	-1.2	-1.1	1.7	0.1	1.4	0.0	1.5	0.0	-1.3	-2.8
3 rd Qtr	0.8	0.1	0.7	-0.1	0.0	-0.2	0.0	5.5	-0.2	0.0	0.0	0.5	-0.3
4 th Qtr	0.04	-0.8	1.8	1.5	0.0	-1.5	0.0	0.2	0.0	0.3	0.0	1.5	0.1
2020													
1 st Qtr	0.1	0.9	0.1	0.1	-0.8	0.3	-0.3	-0.8	-0.5	1.4	0.0	4.8	1.5
2 nd Qtr	-1.4	1.8	1.3	-3.6	-2.4	0.1	0.0	-5.3	0.0	-1.6	0.0	-1.0	0.8
3 rd Qtr	0.2	-1.5	0.3	0.4	0.6	-1.8	0.0	1.7	0.0	0.0	0.0	-0.3	1.1
4 th Qtr	0.04	-1.2	-4.5	-2.3	0.3	-0.4	-1.6	-1.6	3.5	0.2	0.0	1.6	1.3
2021													
1 st Qtr	1.3	2.9	0.6	0.7	1.0	0.4	7.9	2.8	0.0	0.2	0.0	-0.5	1.0
2 nd Qtr	1.2	-0.3	0.7	-0.2	0.1	0.5	1.3	7.1	0.1	0.5	0.0	-0.3	0.1
3 rd Qtr	-0.5	2.5	0.0	-0.6	3.7	-2.3	-1.3	-9.7	0.0	1.4	0.0	2.4	-1.9
4 th Qtr	0.03	2.0	1.7	0.0	0.7	1.7	-0.2	-3.5	0.8	5.5	0.0	0.2	-3.5
2022													
1 st Qtr	0.9	0.8	0.7	1.9	0.4	0.4	5.0	0.5	0.0	0.1	0.0	4.5	2.8
2 nd Qtr	2.0	2.4	2.3	0.0	1.1	1.7	0.3	7.8	0.1	-1.0	0.0	1.5	-0.3
3 rd Qtr	5.0	9.3	9.6	7.9	6.1	8.6	0.8	1.4	-0.5	-0.2	5.1	2.7	14.2
CHANGE FROM SAME QUARTER OF PREVIOUS YEAR													
4 th Qtr													
17/16	1.3	1.3	2.4	-3.3	-0.6	-0.1	-0.6	5.8	1.4	3.1	0.0	4.5	0.1
4 th Qtr													
18/17	-0.4	2.6	1.4	7.2	1.4	5.8	0.7	-6.1	-1.6	-12.6	0.0	-1.5	2.7
4 th Qtr													
19/18	0.7	-0.7	2.9	0.3	-1.7	-6.1	0.0	6.0	3.8	2.3	0.8	1.0	-4.0
4 th Qtr													
20/19	-1.0	-0.04	-2.9	-5.4	-2.3	-1.8	-1.8	-6.0	-3.0	0.05	0.0	5.1	4.7
4 th Qtr													
21/20	2.1	7.2	3.1	-0.1	5.5	0.3	7.7	-4.1	0.9	7.8	0.0	1.8	-4.2

This report along with similar reports for CPI, are available at the Government of Anguilla Statistics Department's website: <http://statistics.gov.ai>

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