



# Anguilla Government Statistics Department

## ANGUILLA'S CONSUMER PRICE INDEX

4<sup>th</sup> Quarter: October - December 2019

Inflation  
Rate

**0.04%**

### OVERVIEW

The Anguilla 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 within Anguilla.

The AXACPI, referenced March 2010 = 100.0 for the 4<sup>th</sup> quarter 2019 (October – December), shows that consumers paid overall, 0.04% more for the basket of goods and services this period compared to the previous period (3<sup>rd</sup> quarter, July - September 2019).

The 'Alcoholic Beverages and Tobacco' category contributed the largest percentage increase to this rate increase along with five (5)

other categories.

The change from the same quarter of the previous year (December 2019 over December 2018), shows that consumers paid 0.7% more for the basket of goods and services. The 'All Items' stood at 108.62 in December 2019 from 107.91 in December 2018.

The increase in the annual change was mainly in response to movement in prices in the 'Transport', 'Communication', 'Alcohol Beverages & Tobacco' categories, along with five (5) other categories.

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 in to 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.

**Table 1: Consumer Price Index by Category and Weights**

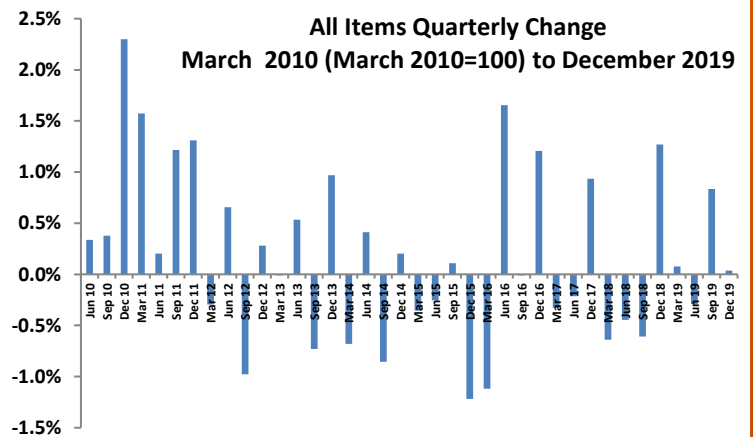
COICOP	Category	Weights	Dec 18	Sept 19	Dec 19	Dec 19/ Sept 19	Dec 19/ Dec 18
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	128.3	116.90	116.99	116.09	-0.8%	-0.7%
11.02	ALCOHOL BEVERAGES, TOBACCO	23.4	125.61	127.04	129.27	1.8%	2.9%
11.03	CLOTHING AND FOOTWEAR	32.5	110.54	109.25	110.89	1.5%	0.3%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	255.5	96.34	94.72	94.70	-0.02%	-1.7%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	40.3	120.17	114.62	112.87	-1.5%	-6.1%
11.06	HEALTH	23.4	116.00	116.02	116.03	0.0%	0.03%
11.07	TRANSPORT	159.6	109.96	116.32	116.59	0.2%	6.0%
11.08	COMMUNICATION	134.2	115.47	119.85	119.85	0.0%	3.8%
11.09	RECREATION AND CULTURE	38.1	82.38	84.09	84.31	0.3%	2.3%
11.1	EDUCATION	59.1	121.84	122.86	122.86	0.0%	0.8%
11.11	RESTAURANTS AND HOTELS	40.4	108.03	107.57	109.15	1.5%	1.0%
11.12	MISCELLANEOUS GOODS AND SERVICES	65.2	106.47	102.09	102.24	0.1%	-4.0%
	All Items	1000.0	107.91	108.58	108.62	0.04%	0.7%

### QUARTERLY ANALYSIS

Inflation for the 4<sup>th</sup> quarter of 2019, stands at 0.04% over the previous quarter (July – September 2019). A review of the twelve broad categories that make up the AXACPI, showed six increases, three decreases and three remaining the same.

The 'Alcoholic beverages and Tobacco' category recorded an increase of 1.8% over the previous quarter's figure. The increase in this category was due to the 2.0% increase in 'Alcohol Beverages'.

The 'Clothing & Footwear' and 'Restaurants & Hotels' categories both increased by 1.5%, which was due to the increase in 'Clothing', (1.8%), 'Footwear' (0.0%) and 'Hotels' (52.9%) respectively.



The ‘Recreation & Culture’ category experienced a 0.3% increase due to the increase of 0.8% in the sub-category, ‘Other Recreational Items & Equipment, Gardens & Pets’.

The ‘Transport’ category which holds the second largest weight in the basket increased by 0.2%, was influenced by the price of ‘Passenger transport by air’ (1.3%).

The ‘Misc. Goods & Services’ category increased by 0.1%, was influenced by the price of ‘Personal Effects’ (2.6%).

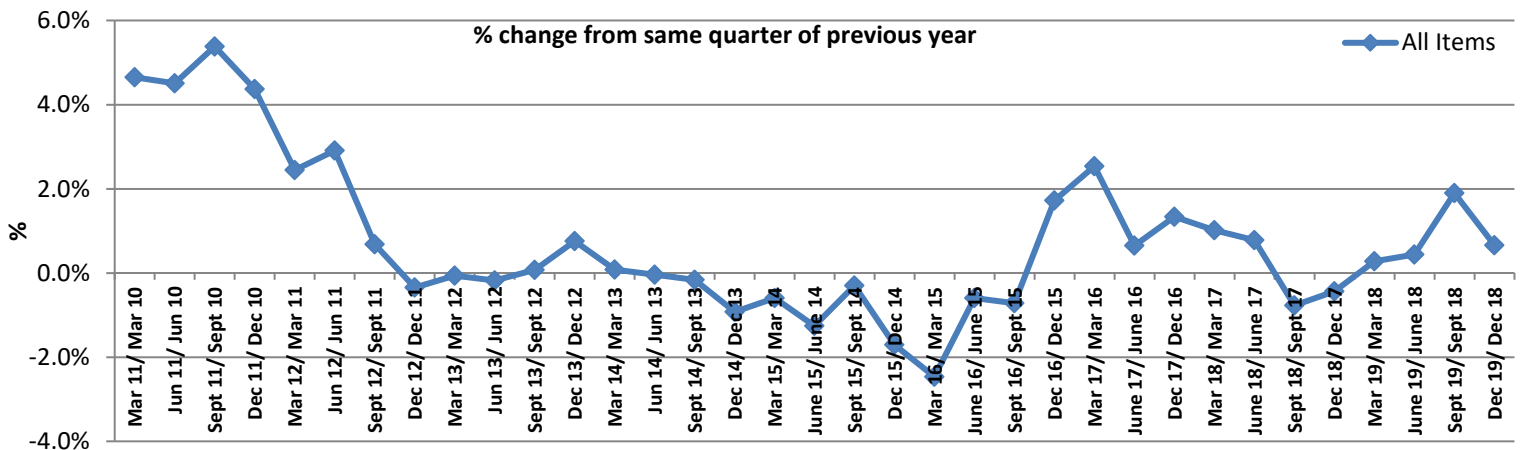
The three categories ‘Health’, ‘Communication’ & ‘Education’ experienced no quarterly change.

Of the three categories that impacted negatively in the quarterly AXACPI figure, the ‘Furnishing, household equipment and routine household maintenance’ category recorded the largest decline with 1.5%, due to sub-category declines in the cost of ‘Furniture and furnishings’ and ‘Glassware, tableware and household utensils’ items.

The ‘Food and Alcoholic Beverages’ category experienced a quarterly decline of 0.8%. This decrease was mainly due to sub-categories such as; Milk, cheese and eggs (-3.3%), Mineral waters, soft drinks, fruit and vegetable juices (-2.1%), ‘Meats’ (-1.9%) and ‘Fruits’ (-1.8%).

The ‘Housing, Water, Electricity, Gas and Other Fuels’ category showed a decline of 0.02%, when rounded to two decimal places, this was due to decreases in the average prices within ‘Materials for the maintenance and repair of the dwelling’ (-0.5%).

Between the new series 2010 and the old series 2001, Transport and Communication is now two separate categories. The collection of mobile phones has now been introduced to the AXACPI basket. Accommodation services are quoted from overseas (St. Maarten/ Martin), according to the Household Budget Survey 2008/09, Anguillians spend most.



### CHANGE FROM SAME QUARTER OF PREVIOUS YEAR

The annual change for this quarter over the same quarter of the previous year (4<sup>th</sup> quarter 2019 over 4<sup>th</sup> quarter 2018) shows that the ‘All Items’ index increased by 0.7%; with increases in seven categories, four decreases and one remaining the same when rounded at the one decimal place.

The ‘Transport’ category increased by 6.0%; which was mainly due to the average price increase of air fares to destinations such as; U.S.A - New York, Dominican Republic – Santo Domingo and U.S.V.I. - St. Thomas.

The ‘Communication’ category experienced an increase of 3.8%, due to quality adjustments in the AXACPI for communication devices and upgrades in certain services offered.

The ‘Alcohol Beverages & Tobacco’ category increased by 2.9% with the sub-categories ‘Alcoholic Beverages’ increasing by 3.2%, while ‘Tobacco’ had an adverse effect with of 8.7%. The ‘Recreation & Culture’ category experienced an increase of 2.3%, due to ‘Games, toys’ (+6.6%), ‘Equipment for sport, camping and open-air recreation’ (+9.9%), ‘Pets & Related products’ (+9.3%).

The ‘Restaurants and Hotels’ category recorded an increase of 1.0%, due to the increases in the sub-category; ‘Restaurants’

of 1.3%.

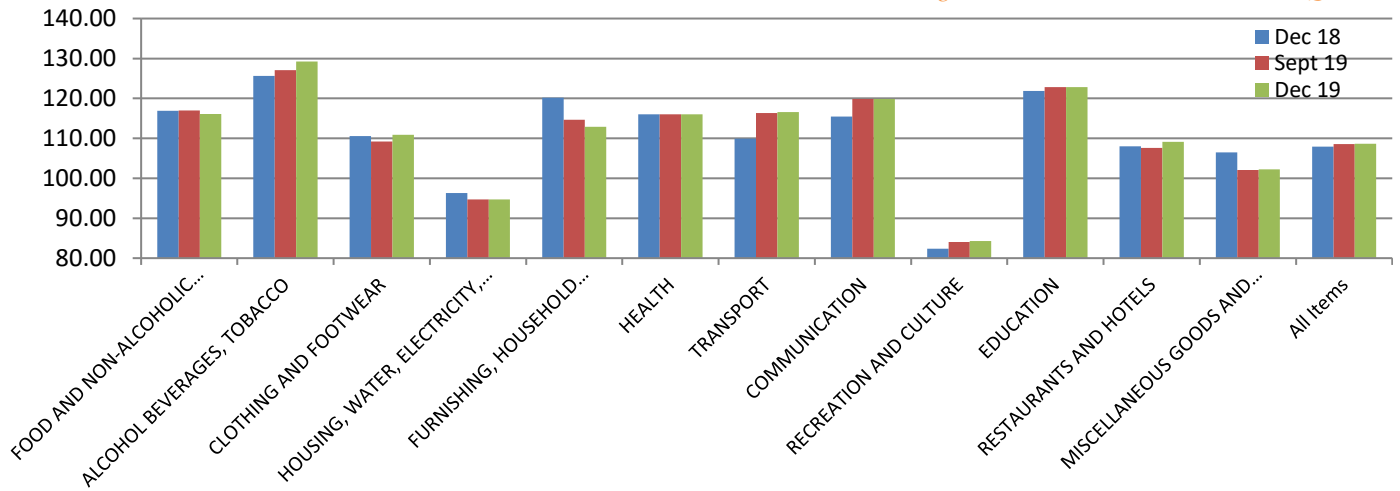
The ‘Education’ and ‘Clothing & Footwear’ categories experienced an annual increase of 0.8% and 0.3% respectively. Additionally, the ‘Health’ category, when rounded to 2 decimal places, experienced a slight increase over its previous year of 0.03%.

The ‘Furnishing, Household Equipment and Routine Household Maintenance’ category experienced an increase of 6.1%, due to the sub-categories, ‘Glassware, tableware and household utensils’ and ‘Furniture and furnishings’.

The ‘Miscellaneous Goods & Services’ category experienced a decline recording 4.0%, partly due to the sub-category; ‘Personal Care’.

The ‘Housing, Water, Electricity, Gas and Other Fuels’ category showed a decreased by 1.7%. Declines in sub-categories ‘Maintenance and repair of dwellings’ (-7.8%) due to material and services for dwellings and ‘Electricity, Gas and Other Fuel’ (-4.4%), due to the fall in cost of electricity per kWh of electricity.

The ‘Food & Non-alcoholic Beverages’ category declined by 0.7% due to some sub-categories such as ‘Mineral waters, soft drinks, fruit and vegetable juices’ (-4.2%), ‘Milk, cheese and eggs’ (-3.3), ‘Fish and seafood’ (-2.1%) and ‘Fruits’ (-2.1%).



## CALENDAR YEAR ANNUAL ANALYSIS

The calendar year (average index for the year) analysis shows that on average, throughout 2019, consumers paid 0.8% more for goods and services in comparison to 2018, with eight (8) categories experiencing increasing over the year and four (4) decreases. The ‘Communication’ category impacted the greatest in percentage terms to this calendar year increase with 3.3%, followed by the categories ‘Alcohol Beverages & Tobacco’, ‘Food and Non-Alcoholic Beverages’ ‘Restaurants & Hotels’ and others with 3.1%, 2.3% and 1.4% respectively. However, the negative impacts were observed by the ‘Recreation & Culture’, ‘Miscellaneous Goods & Services’, ‘Household Maintenance’ and ‘Housing, Water, Electricity, Gas...’ categories with decreases of 5.3%, 1.6%, 1.1% and 0.01% respectively.

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

## COMPUTING INDEX CHANGE

Quarter-to-Quarter index change, the percentage change from the previous quarter (2<sup>nd</sup> Quarter and 1<sup>st</sup> 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, 1<sup>st</sup> Quarter 2015 and 1<sup>st</sup> 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:

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

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

$$= -1.0\%$$

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	
	<b>CHANGE FROM QUARTERLY ANALYSIS</b>												
<b>2014</b>													
1st Qtr.	-0.7	-0.3	0.4	-2.6	0.0	-1.5	0.3	-3.4	0.0	-0.5	0.0	1.0	0.2
2 <sup>nd</sup> Qtr.	0.4	1.0	-0.1	2.0	0.1	-2.0	-2.4	1.8	-0.3	1.4	0.0	-0.9	0.7
3 <sup>rd</sup> Qtr.	-0.9	-1.8	0.0	-6.4	-1.0	-0.3	6.5	-0.9	1.3	0.3	0.0	-0.5	0.5
4 <sup>th</sup> Qtr.	0.2	2.0	-0.3	0.3	0.8	0.0	1.3	-1.7	0.6	-2.7	0.0	1.4	-0.6
<b>2015</b>													
1st Qtr.	-0.4	-1.6	-0.9	0.0	-1.2	-0.2	-0.2	0.5	1.3	-1.5	0.0	0.7	-0.3
2 <sup>nd</sup> Qtr.	-0.3	0.3	2.3	-1.0	0.0	0.5	0.1	0.1	-3.1	1.6	0.0	-0.7	0.3
3 <sup>rd</sup> Qtr.	0.1	0.1	-1.4	-1.6	-0.5	-1.5	-1.0	-0.1	3.3	-0.2	0.0	-0.5	0.1
4 <sup>th</sup> Qtr.	-1.2	-0.6	0.2	0.0	0.1	0.6	0.0	-8.0	0.4	1.0	0.0	1.0	-0.1
<b>2016</b>													
1st 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 <sup>nd</sup> 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 <sup>rd</sup> 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 <sup>th</sup> 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
<b>2017</b>													
1st 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 <sup>nd</sup> 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 <sup>rd</sup> Qtr.	This quarter was interrupted by the passage of hurricane Irma, therefore there is no data available for this period.												
4 <sup>th</sup> 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
<b>2018</b>													
1st 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 <sup>nd</sup> 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 <sup>rd</sup> 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 <sup>th</sup> 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
<b>CHANGE FROM SAME QUARTER OF PREVIOUS YEAR</b>													
4th Qtr 16/15	1.7	0.7	1.2	3.2	-1.8	5.2	0.0	2.7	10.7	-3.5	0.0	0.0	1.6
4th 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
4th 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

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

STATISTICS DEPARTMENT – ANGUILLA  
 OLD COURT HOUSE BUILDING  
 P.O.BOX 60  
 THE VALLEY, ANGUILLA  
 BRITISH WEST INDIES  
 Telephone: 1-264-497-5731  
 Fax: 1-264-497-3986  
 Email: [statistics@gov.ai](mailto:statistics@gov.ai)

'Sound Statistics for Sustainable Development'