



# Anguilla Government Statistics Department

## ANGUILLA'S CONSUMER PRICE INDEX

1<sup>st</sup> Quarter: January - March 2018

**Inflation  
Rate**

**-0.6%**

### 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 1<sup>st</sup> quarter 2018 (January – March), shows that consumers paid overall, 0.6% less for the basket of goods and services this period compared to the previous quarter (October – December 2017).

The 'Restaurant & Hotel' category contributed the largest decline to this negative rate along with four (4) other categories.

The change from the same quarter of the previous year (March 2018 over March 2017), shows that consumers paid 1.0% more for the basket of goods and services. The 'All Items' stood at 107.69 in March 2018 from 106.61 in March 2017.

Annual prices were affected mainly in response to changes in the 'Transport' category, along with the 'Restaurants & Hotels', 'Food & Non-Alcohol Beverages', 'Alcoholic Beverages, Tobacco' categories, amongst others.

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	Mar 17	Dec 17	Mar 18	Mar 18/ Dec 17	Mar 18/ Mar 17
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	128.3	112.69	113.93	114.02	0.1%	1.2%
11.02	ALCOHOL BEVERAGES, TOBACCO	23.4	122.38	123.82	123.83	0.0%	1.2%
11.03	CLOTHING AND FOOTWEAR	32.5	103.95	103.15	104.90	1.7%	0.9%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	255.5	95.74	95.05	94.71	-0.4%	-1.1%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	40.3	113.31	113.63	114.15	0.5%	0.7%
11.06	HEALTH	23.4	115.90	115.23	115.23	0.0%	-0.6%
11.07	TRANSPORT	159.6	106.00	117.15	114.73	-2.1%	8.2%
11.08	COMMUNICATION	134.2	118.56	117.40	116.15	-1.1%	-2.0%
11.09	RECREATION AND CULTURE	38.1	92.92	94.26	92.39	-2.0%	-0.6%
11.1	EDUCATION	59.1	121.84	121.84	121.84	0.0%	0.0%
11.11	RESTAURANTS AND HOTELS	40.4	104.63	109.69	106.81	-2.6%	2.1%
11.12	MISCELLANEOUS GOODS AND SERVICES	65.2	103.78	103.67	104.07	0.4%	0.3%
	<b>All Items</b>	<b>1000.0</b>	<b>106.61</b>	<b>108.39</b>	<b>107.69</b>	<b>-0.6%</b>	<b>1.0%</b>

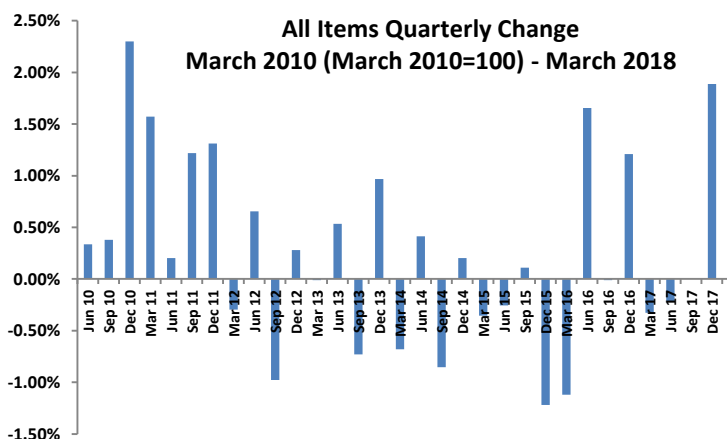
### QUARTERLY ANALYSIS

Inflation for the 1st quarter of 2018, stands at -0.6% over the previous quarter (October – December 2017). A review of the twelve board categories that make up the AXACPI, showed five decreases, four increases and three remaining constant.

The 'Restaurant & Hotel' category experienced the largest decline amongst the declining categories with 2.6%. This decline was mainly due to decline in restaurant food prices (-2.8). However, the sub-category 'Hotels' showed that prices rose for a night stay in St. Maarten/ Martin (+2.5%).

The 'Transport' category recorded a decline due to the drop in air fares to destinations such as U.S.A - New York, Dominican Republic - Santo Domingo and U.S.V.I. - St. Thomas which decreased by 12.8%. Conversely, the sub-category "Fuel and lubricants" increase by 2.0%, due to the

increase in the prices of gasoline and diesel from the fourth quarter 2017.



The 'Recreational & Culture' category decreased by 2.0% which was due to the decline in prices of sporting equipment (-18.0%), personal computers, audio and visual equipment (-1.8%) and children games, toys and hobbies (-6.7%).

The 'Communication' category decreased by 1.1% due to decline in price for a call per minute and other services provided.

The Housing, Water, Electricity... category decreased by 0.4%, this was mainly due to fall in price of cooking gas (-4.7%) and the rental of some apartments (-0.5%).

The 'Health' 'Education' and 'Alcoholic Beverages, Tobacco' categories all remained unchanged for the quarter under review.

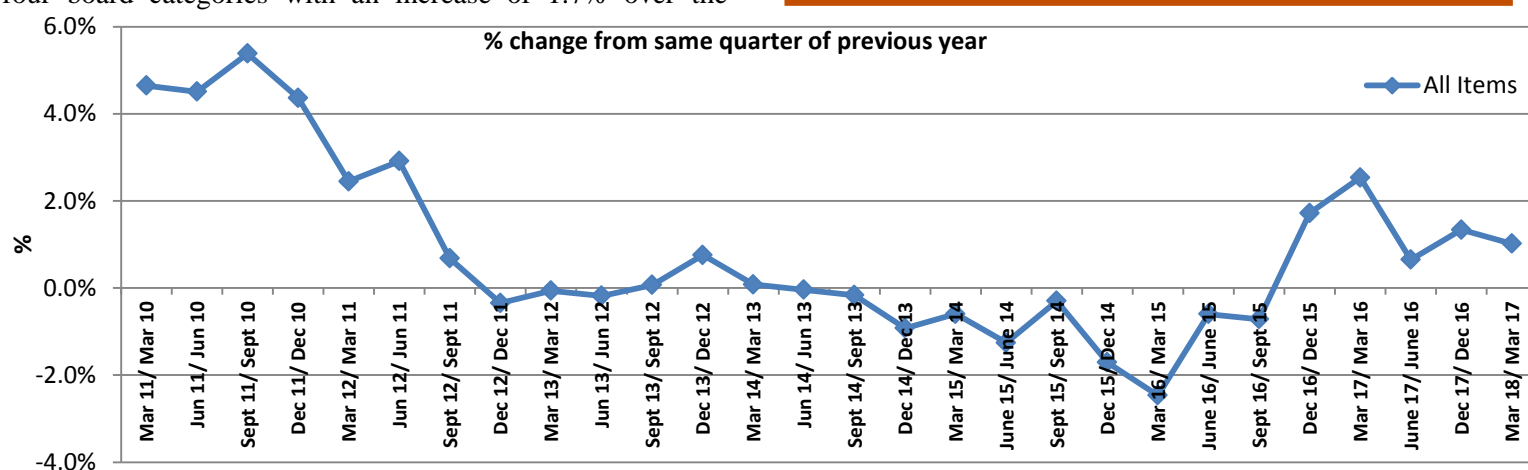
Conversely, the 'Clothing and Footwear' category registered the largest increase for this quarterly analysis amongst the four board categories with an increase of 1.7% over the

previous figure, which was influenced by the price of men's garments.

The 'Furnishing, household equipment ...' category increased by 0.5%, mainly due to the 'Furniture and furnishings' (+0.5%), 'Household textiles' (+0.7%), 'Tools and equipment for the house & garden' (+9.1%) and 'Goods and services for household maintenance' (+0.2%).

The 'Miscellaneous Goods and Services' and 'Food & Non-alcoholic beverage' categories saw increases of 0.4% and 0.1% respectively over their previous quarterly prices.

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, Anguillans spend most.



## CHANGE FROM SAME QUARTER OF PREVIOUS YEAR

The annual change for this quarter over the same quarter of the previous year (1<sup>st</sup> quarter 2018 over 1<sup>st</sup> quarter 2017) shows that the 'All Items' index increased by 1.0%. There were seven increases, four decreases, and one category remaining the same over the previous period.

The 'Transport' category recorded the highest increase with 8.2% for the annual review; which was mainly due to the average price increase of air fares to destinations; U.S.A - New York, Dominican Republic – Santo Domingo and U.S.V.I. - St. Thomas, which increased by 52.6%.

The 'Restaurants and Hotels' category recorded an increase for the annual review, contributing the second highest increase within the basket and to the overall inflation figure with a recorded increase of 2.1%, due to the increases in the sub-categories 'Restaurants' (+1.8%) and 'Hotels' (+9.7%).

The 'Food & Non-Alcoholic Beverage' and 'Alcohol Beverage & Tobacco' categories both increased by 1.2%; this was due to the increase in 'Fish and seafood' (+3.1), 'Fruits' (+5.8%), 'Vegetables' (+4.4%), 'Tobacco' (+15.8%) and 'Alcoholic beverage' (+0.8%).

The 'Clothing and Footwear' category experienced an increase of 0.9% and the sub-categories contributed to this increase with 'Clothing' (+0.7%) due to men's garments (1.5%) and 'Footwear' (+2.2%).

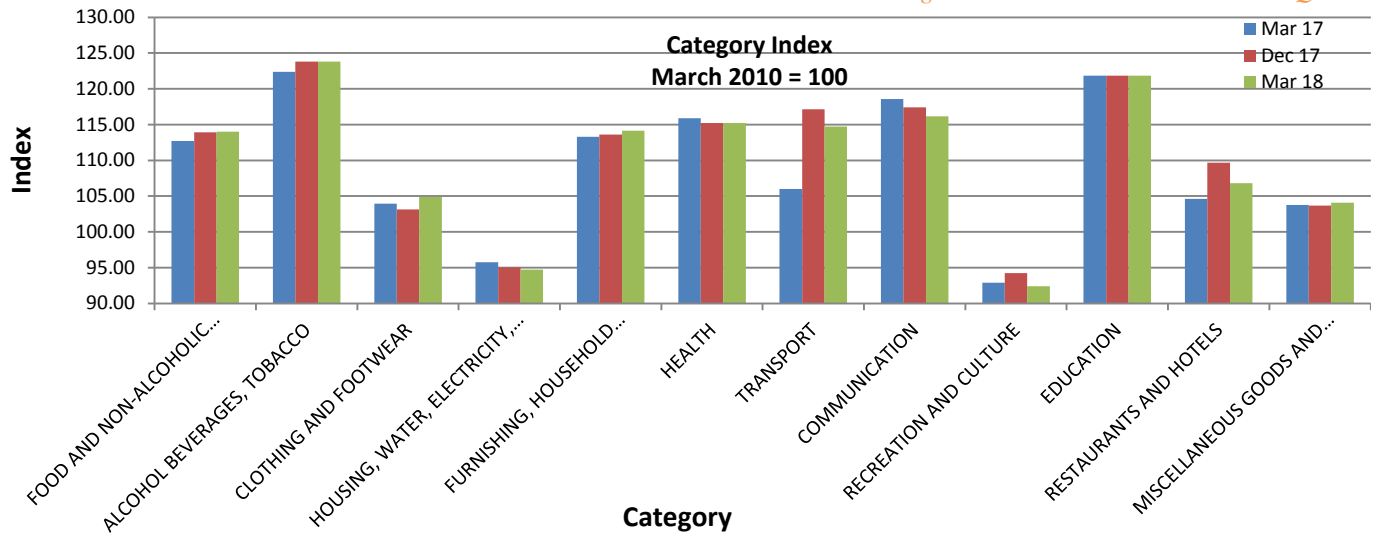
The 'Furnishing, Household Equipment and Routine Household Maintenance' and 'Miscellaneous Good and Services' categories experienced increases of 0.7% and 0.3% respectively.

Conversely, the 'Communication' category experienced the highest annual decline with 2.0%, which was part due to the decline in the price of phones and the price of a call per min.

The 'Housing, Water, Electricity, Gas and Other Fuels' category declined by 1.1%, the sub-categories that contributed to this decline was 'Actual rentals for housing' (-1.8%) and 'Electricity, gas and other fuel' (-1.4%).

The 'Health' and 'Recreation and Culture' categories both experience declines of 0.6%. This was part due to the sub-categories 'Audio and visual equipment' (-2.0) and 'Other creational items and equipment' (-1.7%).

'Education' was the only category that remained unchanged over the period.



## CALENDAR YEAR ANNUAL ANALYSIS

The calendar year (average index for the year) analysis shows that on average, throughout 2017, consumers paid a per cent and half (1.5%) more for goods and services in comparison to 2016, experiencing nine increases, 2 decreases and one category remaining the same. ‘Transport’ impacted the greatest in percentage terms this calendar year with a 5.5% increase followed by the categories ‘Communication’ and ‘Alcoholic Beverages & Tobacco’ with 3.6% and 2.1% respectively. However, the negative impacts were observed by the ‘Clothing & Footwear’ and ‘Housing, Water, Electricity, Gas...’ categories which decreased by 4.5% and 0.7% respectively. Education remained the same between 2017 and 2016.

Code	Desc.	2011	2012	2013	2014	2015	2016	2017
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	5.5%	2.7%	1.7%	1.7%	-0.6%	-0.3%	1.2%
11.02	ALCOHOL BEVERAGES, TOBACCO	12.0%	1.2%	3.8%	0.9%	-0.1%	0.8%	2.1%
11.03	CLOTHING AND FOOTWEAR	2.2%	6.4%	4.2%	-4.6%	-4.1%	4.0%	-4.5%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	2.0%	-0.2%	-1.9%	-0.2%	-1.3%	-1.8%	-0.7%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	2.4%	2.1%	0.1%	-2.1%	-1.0%	4.4%	0.5%
11.06	HEALTH	-0.2%	2.8%	7.6%	2.6%	2.9%	-2.2%	1.5%
11.07	TRANSPORT	12.8%	4.9%	0.2%	-1.8%	-2.7%	-9.0%	5.5%
11.08	COMMUNICATION	3.0%	-2.4%	0.2%	-0.7%	0.3%	9.8%	3.6%
11.09	RECREATION AND CULTURE	-3.2%	1.9%	-1.5%	-1.8%	-1.7%	-2.1%	1.6%
11.10	EDUCATION	15.1%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%
11.11	RESTAURANTS AND HOTELS	-1.3%	0.6%	2.6%	3.2%	0.7%	-0.3%	1.6%
11.12	MISCELLANEOUS GOODS AND SERVICES	-0.1%	2.1%	-1.0%	0.9%	-0.1%	1.0%	0.9%
All Items		4.7%	1.4%	0.1%	-0.26%	-1.0%	-0.5%	1.5%

## 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:

$$\begin{aligned}
 &= \frac{Q1\ 2016\ index - Q4\ 2015\ index}{Q4\ 2015\ index} \times 100 \\
 &= \frac{103.97 - 105.15}{105.15} \times 100 \\
 &= -1.1\%
 \end{aligned}$$

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:

$$\begin{aligned}
 &= \frac{Q1\ 2016\ index - Q1\ 2015\ index}{Q1\ 2015\ index} \times 100 \\
 &= \frac{103.97 - 106.60}{106.60} \times 100 \\
 &= -2.5\%
 \end{aligned}$$

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

$$\begin{aligned}
 &= \frac{Avg.\ year\ 2015\ index - Avg.\ year\ 2014\ index}{Avg.\ year\ 2014\ index} \times 100 \\
 &= \frac{106.11 - 107.16}{107.16} \times 100 \\
 &= -1.0\%
 \end{aligned}$$

	All Items	FOOD AND NON- ALCOHOLIC BEVERAGES	ALCOHOL BEVERAG ES, TOBACCO	CLOTHIN G AND FOOTWE AR	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENAN CE	HEALTH	TRANSPOR T	COMMUN ICATION	RECREATI ON AND CULTURE	EDUCATI ON	RESTAU RANTS AND HOTELS	MISC. GOODS AND SERVICES
<b>CHANGE FROM QUARTERLY ANALYSIS s</b>													
<b>2014</b>													
1 <sup>st</sup> 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>													
1 <sup>st</sup> 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>													
1 <sup>st</sup> 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>													
1 <sup>st</sup> 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>CHANGE FROM SAME QUARTER OF PREVIOUS YEAR</b>													
1st qtr 16/15	-2.5	-0.6	1.0	2.7	-1.8	4.2	-7.7	-12.5	0.4	0.8	0.0	-0.5	0.5
1st qtr 17/ 16	2.5	1.2	2.5	-4.6	-0.2	0.2	7.3	3.5	13.3	-0.3	0.0	-0.1	1.7
1st qtr 18/17	1.0	1.2	1.2	0.9	-1.1	0.7	-0.6	8.2	-2.0	-0.6	0.0	2.1	0.3

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)

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