



# Anguilla Government Statistics Department

## ANGUILLA'S CONSUMER PRICE INDEX

4<sup>th</sup> Quarter: October – December 2016

Inflation  
Rate

1.2%

### 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 in Anguilla.

The AXACPI series referenced March 2010=100.0 for the fourth quarter of October to December 2016, showed that consumers paid 1.2% more for the basket of goods and services this period compared to the previous quarter (July – September 2016).

The 'Transportation', category, with the 2<sup>nd</sup> largest weight in the basket contributed the largest percentage change to this quarterly

increase. The change from the same quarter over the previous year's quarter (December 2016/2015) shows that consumers paid 1.7% more for the basket of goods and services. The 'All Items' stood at 106.95 in December 2016 from 105.15 in December 2015.

This change was influenced by the upward pressure on prices, in the communication category, which carries the 3<sup>rd</sup> largest weight in the basket contributing the largest annual percentage change. The category 'Furnishing, Household equipment...' also contributed to this annual increase, amongst 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 15	Sept 16	Dec 16	Dec 16/ Sept 16	Dec 16/ Dec 15
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	128.3	111.76	112.22	112.49	0.2%	0.7%
11.02	ALCOHOL BEVERAGES, TOBACCO	23.4	119.49	120.67	120.89	0.2%	1.2%
11.03	CLOTHING AND FOOTWEAR	32.5	103.32	109.45	106.65	-2.6%	3.2%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	255.5	97.42	95.79	95.63	-0.2%	-1.8%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	40.3	108.17	112.89	113.76	0.8%	5.2%
11.06	HEALTH	23.4	115.95	115.81	115.90	0.1%	0.0%
11.07	TRANSPORT	159.6	107.74	101.69	110.67	8.8%	2.7%
11.08	COMMUNICATION	134.2	104.64	117.29	115.82	-1.3%	10.7%
11.09	RECREATION AND CULTURE	38.1	94.75	91.84	91.44	-0.4%	-3.5%
11.10	EDUCATION	59.1	121.84	121.84	121.84	0.0%	0.0%
11.11	RESTAURANTS AND HOTELS	40.4	104.93	103.79	104.96	1.1%	0.0%
11.12	MISCELLANEOUS GOODS AND SERVICES	65.2	101.85	102.75	103.52	0.8%	1.6%
	All Items	1000.0	105.15	105.68	106.95	1.2%	1.7%

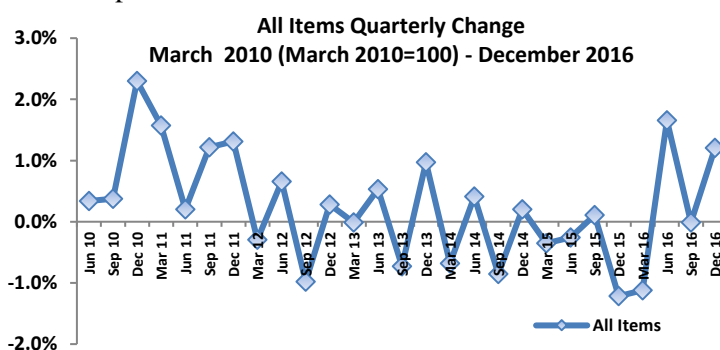
### CHANGE FROM PREVIOUS QUARTER

Inflation for the 4<sup>th</sup> quarter 2016, stood at 1.2% over the previous quarter; July - September 2016. Twelve board categories make up the AXACPI; seven of these categories recorded increases, four recorded decreases and one remained constant.

The 'Transport' category contributed, in percentage terms, the most (8.8%) to the quarterly increase. This was due in part to the increase in the average price of an airfare which increased by 45.0% over the quarter.

The 'Restaurants and Hotels' followed with an increase of 1.1% which was mainly due to the price increase of a stay in a hotel in St. Martin/St. Maarten.

'Furnishing, household equipment...' and 'Miscellaneous Goods and Services' categories both contributed to this increase with each recording a 0.8% upward move due to increase prices of household utensils and a man's haircut.



The ‘Food and non-alcoholic beverage’ and ‘Alcohol beverages and tobacco’ categories both followed with an increase of 0.2% over the previous period which was due to increases in the sub categories ‘Breads and cereals’, ‘Fruits’ and ‘Cigarettes’.

The ‘Health’ category recorded a 0.1% increase over the previous period, which was due to the average price increase of over the counter pharmaceutical products.

The ‘Education’ category remained this quarter when compared to the previous quarter.

The ‘Clothing and Footwear’ category recorded the largest decrease among the declining categories with 2.6% which was mainly due to the decrease in men and women garments.

The ‘Communication’ category recorded a quarterly decrease of 1.3% due to cheaper prices for phones as a result of special sales.

The ‘Recreation and Culture’ category decreased by 0.4%, partly due to the change in average prices of ‘sporting equipment’ and ‘cultural services’.

‘Housing, water, electricity, gas and other fuels categories declined by 0.2% due to the decrease in the maintenance and repair cost of a dwelling.

Between the new series 2010 and the old series 2001, Transport and Communication are now separate categories. The collection of mobile phones is now introduced to the CPI basket. Accommodations services are quoted from overseas (St. Maarten/ Martin), according to the Household Budget Survey, Anguillans spend most.

## CHANGE FROM SAME QUARTER OF PREVIOUS YEAR

The annual change for this quarter over the previous year’s 4<sup>th</sup> quarter (2016/2015), shows that the ‘All Items’ Index increased by 1.7%. Within the 12 categories, there were 7 increases contributed to this increase, 2 decreases and 3 remaining the same over the previous period. The annual changes for the previous years have recorded successive decreases since the decrease in June 2014 over June 2013.

The ‘Communication’ category increase by 10.7% which was due to the increase on the recently imposed communication tax and other products.

The ‘Furnishing, Household equipment...” category followed with an increase of 5.2%, partly due to the increase in ‘Furniture and furnishings’ sub-category.

The category ‘Clothing & Footwear’ increased by 3.2% which was partly due to the increase in the cost of men, women and children garments.

‘Transport’ category experienced a 2.7% increase, contributing to the overall annually figure due to the

increase in government imposed tax on vehicles and motor licences.

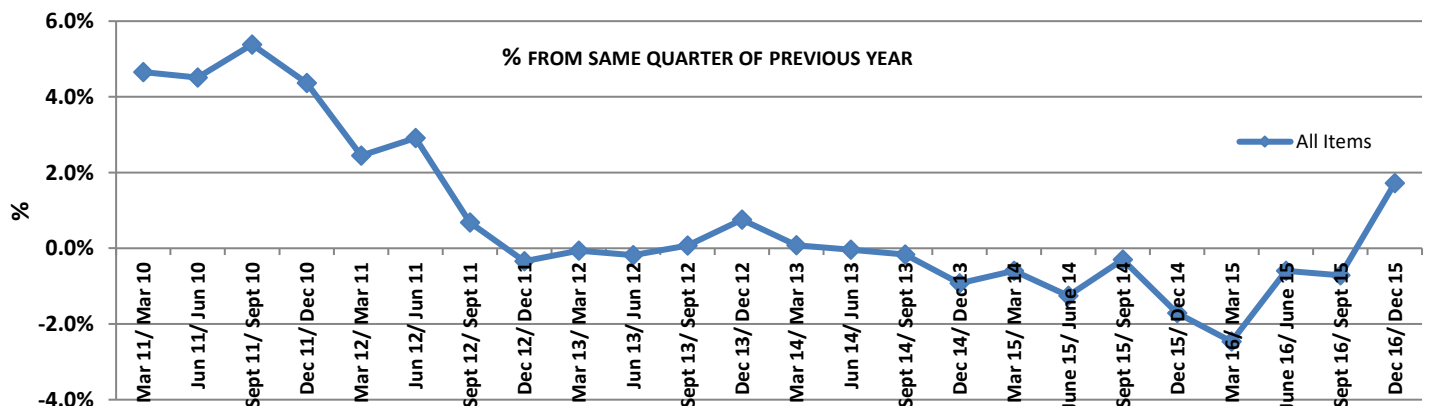
The ‘Miscellaneous. Goods & Services’ category increased by 1.6% due to the price of personal care items.

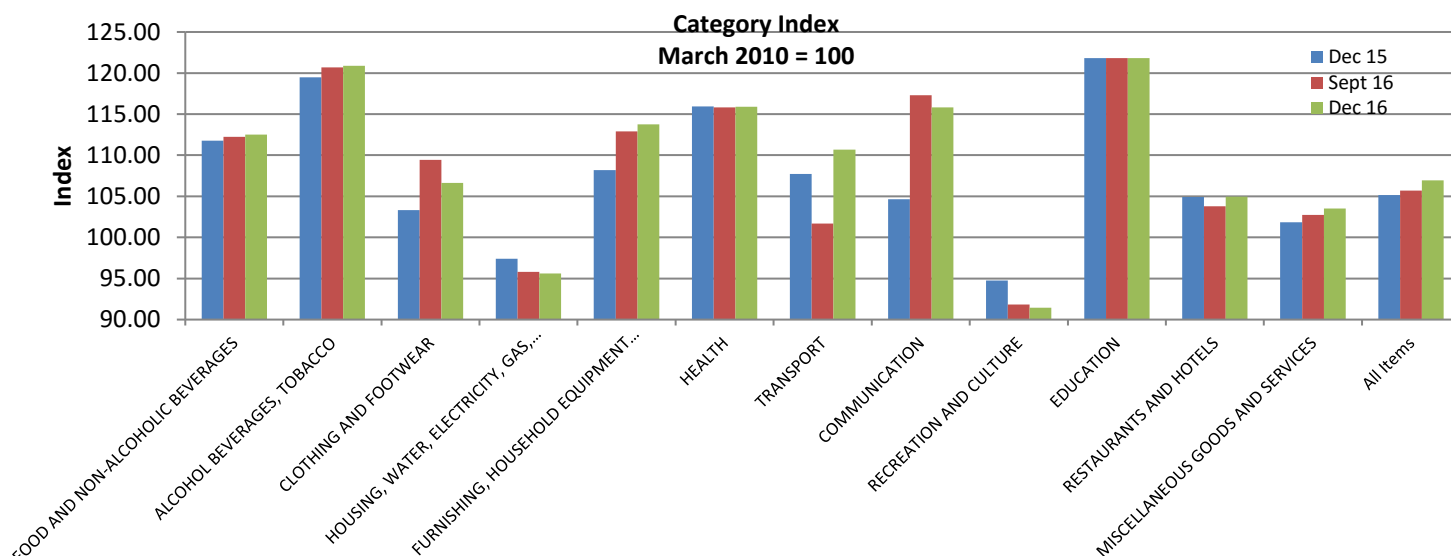
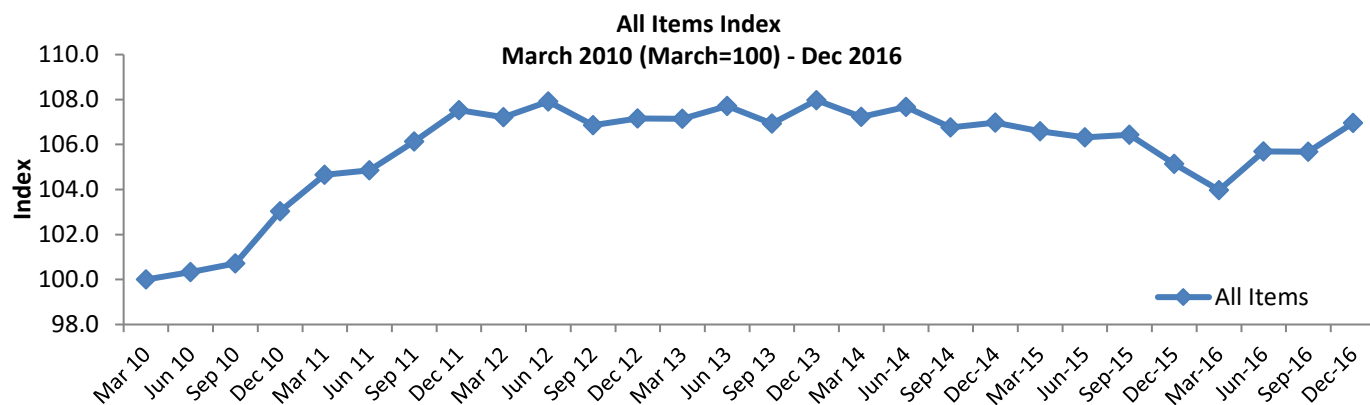
The ‘Food & Non-alcohol’, and ‘Alcoholic beverages, Tobacco’ categories, both increased by 1.2%, and 0.7% respectively, due price increase of food items and cigarettes.

‘Health’, ‘Education’, and ‘Restaurants and Hotels’ costs remained constant over the year.

The ‘Recreation and Culture’ category experienced a decline of 3.5% which was partly due to the change in the average prices of electronic items such as computers and the veterinary and other services for pets.

The ‘Housing, Water, Electricity....’ category decreased by 1.8% which was in part, due to the decrease in the price of a fixed consumption amount of electricity resulting from the decline in the fuel surcharge and the decrease in the average price of cooking gas.





## CALENDAR YEAR ANNUAL ANALYSIS

The calendar year (average index for the year) analysis shows that on average, throughout 2016, consumers paid half of a per cent (0.5%) less for good and services in comparison to 2015. ‘Communication’ impacted the greatest percentage this calendar year’s with a 9.8% increase followed by the ‘Furnishing, household equipment...’ and ‘Clothing and Footwear’ by 4.4% and 4.0% respectively. However, the largest decline was shown in the ‘Transport’ category by 9.0% followed by the ‘Health’ category which decreased by 2.2%. Education remained the same between 2016 and 2015.

COICOP	Category	2010	2011	2012	2013	2014	2015	2016	2016/ 2015 (%)
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	100.71	106.21	109.05	110.95	112.85	112.13	111.83	-0.3
11.02	ALCOHOL BEVERAGES, TOBACCO	100.69	112.75	114.13	118.51	119.56	119.47	120.40	0.8
11.03	CLOTHING AND FOOTWEAR	100.72	102.96	109.55	114.15	108.89	104.43	108.58	4.0
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	99.12	101.09	100.93	99.00	98.80	97.56	95.84	-1.8
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	106.89	109.41	111.68	111.76	109.44	108.32	113.06	4.4
11.06	HEALTH	99.95	99.77	102.59	110.42	113.28	116.51	113.89	-2.2
11.07	TRANSPORT	101.33	114.29	119.94	120.19	118.00	114.78	104.40	-9.0
11.08	COMMUNICATION	103.08	106.16	103.59	103.84	103.17	103.39	113.63	9.8
11.09	RECREATION AND CULTURE	99.95	96.78	98.64	97.15	95.38	93.75	91.80	-2.1
11.10	EDUCATION	105.12	121.03	121.71	121.84	121.84	121.84	121.84	0.0
11.11	RESTAURANTS AND HOTELS	98.78	97.53	98.15	100.67	103.89	104.63	104.34	-0.3
11.12	MISCELLANEOUS GOODS AND SERVICES	99.98	99.93	102.02	100.96	101.82	101.77	102.76	1.0
	All Items Index	101.02	105.79	107.29	107.44	107.16	106.11	105.57	-0.5
	All Items % change		4.7	1.4	0.1	-0.3	-1.0	-0.5	

## 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:

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

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

$$= -1.1\%$$

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:

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

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

$$= -1.0$$

## HISTORICAL DATA

Anguilla Consumer Price Index AXACPI March 2010=100													
	All Items	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	11.12
Change from quarterly analysis (%)													
2013													
1 <sup>st</sup> Qtr	-0.01	0.9	3.5	1.9	-0.5	-2.4	2.4	-0.6	0.0	0.4	0.0	0.4	-0.4
2 <sup>nd</sup> Qtr	0.5	0.4	0.2	1.1	-0.2	0.9	1.0	3.8	0.3	-1.8	0.0	0.0	-1.4
3 <sup>rd</sup> Qtr	-0.7	0.7	0.0	0.1	0.0	5.1	-0.1	-6.2	0.0	0.4	0.0	-0.1	0.0
4 <sup>th</sup> Qtr	1.0	1.6	0.7	-0.9	0.1	-2.2	0.5	4.7	0.0	-2.1	0.0	3.8	0.5
2014													
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
2015													
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
2016													
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
Change from same quarter of previous year analysis (%)													
4 <sup>th</sup> Qtr 2013/12	0.8	3.6	4.5	2.1	-0.6	1.2	3.9	1.3	0.3	-3.1	0.0	4.2	-1.3
4 <sup>th</sup> Qtr 2014/13	-0.9	0.9	0.0	-6.7	0.0	-3.7	5.6	-4.1	-1.0	-1.6	0.0	0.9	0.8
4 <sup>th</sup> Qtr 2015/14	-1.7	-1.8	0.2	-2.6	-1.6	-0.5	-1.1	-7.5	1.8	0.9	0.0	0.5	0.1
4 <sup>th</sup> Qtr 2016/15	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

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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