



Anguilla Government Statistics Department

ANGUILLA'S CONSUMER PRICE INDEX

4th Quarter: October – December 2020

Inflation
Rate

0.04%

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 2020 (October – December), showed that consumers paid 0.04% more for the basket of goods and services this period compared to the previous quarter (July – September 2020).

The 'Communication', category, which carries the 3rd highest weight in the overall basket, contributed the largest percentage change to this quarterly increase, along with three others.

The change from the same quarter over the previous year (Oct - Dec 2020/ Oct - Dec 2019) shows that consumers paid 1.0% less for the basket of goods and services. The 'All Items' stood at 107.49 in the 4th quarter 2020 from 108.62 in the corresponding 4th quarter 2019.

This change was influenced by the downward pressure of the average prices, within a number of the categories including the 'Transport' category, 'Clothing & Footwear', and 'Alcohol beverages, tobacco' 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 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.

Table 1: Consumer Price Index by Category and Weights

COICOP	Category	Weights	Dec 19	Sept 20	Dec 20	'Dec 20/ Sept 20	Dec 20/ Dec 19
11.01	FOOD AND NON-ALCOHOLIC BEVERAGES	128.3	116.09	117.41	116.05	-1.2%	-0.04%
11.02	ALCOHOL BEVERAGES, TOBACCO	23.4	129.27	131.43	125.53	-4.5%	-2.9%
11.03	CLOTHING AND FOOTWEAR	32.5	110.89	107.41	104.93	-2.3%	-5.4%
11.04	HOUSING, WATER, ELECTRICITY, GAS, AND OTHER FUELS	255.5	94.70	92.29	92.54	0.3%	-2.3%
11.05	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	40.3	112.87	111.28	110.79	-0.4%	-1.8%
11.06	HEALTH	23.4	116.03	115.70	113.89	-1.6%	-1.8%
11.07	TRANSPORT	159.6	116.59	111.42	109.65	-1.6%	-6.0%
11.08	COMMUNICATION	134.2	119.85	119.30	123.45	3.5%	3.0%
11.09	RECREATION AND CULTURE	38.1	84.31	84.12	84.27	0.2%	0.05%
11.10	EDUCATION	59.1	122.86	122.86	122.86	0.0%	0.0%
11.11	RESTAURANTS AND HOTELS	40.4	109.15	112.93	114.70	1.6%	5.1%
11.12	MISCELLANEOUS GOODS AND SERVICES	65.2	102.24	105.70	107.09	1.3%	4.7%
	All Items	1000.0	108.62	107.44	107.49	0.04%	-1.0%

CHANGE FROM PREVIOUS QUARTER

Inflation for the 4th quarter 2020 increased from the previous quarter; July – September 2020, with 0.04%. For the twelve broad categories that make up the AXACPI; five (5) recorded increases, six (6) of these categories recorded decreases and one (1) remained unchanged.

The 'Communication' category contributed the largest increase in percentage terms with 3.5%, due to the increase in the average prices in the quality adjustment of mobile phones and the increase in the cost per minute for a mobile phone call.

The 'Restaurants and Hotels' category followed with an increase of 1.6%, which was due to the increase in the average price of accommodation services in St. Martin/St. Maarten,

which increased by 17.1% while 'Restaurant' sub-category increase by one percentage point (1.0%).

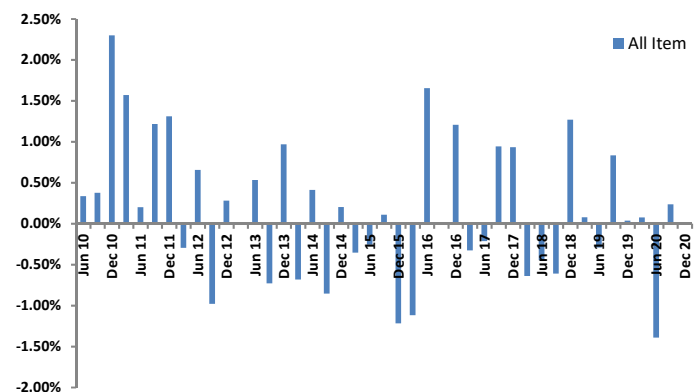


Fig 1: All item quarterly change, March 2010 - Dec 2020

The ‘Miscellaneous Goods & Services’ category, showed a 1.3% quarterly increase. This was due in part to the increase in the average price of ‘health insurance’.

The ‘Housing, Water, Electricity....’ category increased by 0.3%, mainly influenced by the increase in the average prices of the sub-category ‘Electricity, Gas and Other Fuels’ which showed an increase of 1.9%. ‘Electricity’ prices showed no change over the quarter, however, there was an increase in ‘Gas’ of 6.7%, this was due to discounts provided by gas retailer(s) during the COVID-19 period.

The ‘Recreational and Culture’ category recorded a 0.2% increase due to the increase in the sub-category ‘Other recreational items and equipment, garden items and pets’ (0.5%).

The ‘Education’ category remained unchanged this quarter over the previous quarter.

Conversely, the ‘Alcoholic beverages & tobacco’ category experienced the largest decline amongst the declining categories, 4.5%. The sub-categories ‘Alcoholic beverages’ and ‘Tobacco’ both declined by 4.6% and 1.3% respectively.

The ‘Clothing & Footwear’ category experienced a decline of 2.3%. The ‘Clothing’, sub-category declined by 2.6% due

to changes in prices of ‘Garments’ (-3.2%)category and the ‘Footwear’ category declining by 0.6%; men’s (-1.0%) and women’s (-0.2%) footwear.

The categories ‘Health’ and ‘Transport’ both declined at a rate of 1.6%. Health declined due to the average price in over-the-counter pharmaceutical products (-3.4%) and ‘therapeutic appliances and equipment’ (-6.8%). Transport decline was due to passenger transport by air (-6.7%) for flights to destinations such as New York, St. Thomas and the Dominican Republic and motor cars (1.3%).

The ‘Food and Non-alcoholic beverage’ category recorded a 1.2% decrease, this was due to the decrease in food such as ‘Fish and seafood’ (-9.1%), Vegetables (-2.6%) and ‘Mineral Water, soft drinks, fruit and vegetable juices’

The ‘Furnishing, Household Equipment...’ category recorded a quarterly decline of 0.4% due to the decrease within the sub-category, ‘Household textile’ (-2.7), Appliances (-4.1%) and Tools and equipment for house and Garden (-5.3%).

Between the new series 2010 and the old series 2001, Transport and Communication are now separate categories. The collection of mobile phone data is now included in the AXACPI 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 (Oct - Dec 2020/Oct – Dec 2019), shows that the ‘All Items’ index increased by 1.0%. For the 12 AXACPI categories, there were eight (8) decreases, three (3) increases and one (1) remained unchanged.

The ‘Transport’ category experienced the largest annual decrease during this period with 6.0%, this was due to the decrease in ‘Fuels and lubricants for personal transport equipment’ (-15.6%) and Transport services (-15.6%) which was mainly due to ‘Passenger transport by air’.

The ‘Clothing and Footwear’ category followed recording a decrease of 5.4%; the ‘Clothing’ sub-category decreased by 6.2% due to the decrease in men’s & women’s garments and ‘Footwear’ by 0.9% due to women’s footwear.

The ‘Alcoholic Beverages, Tobacco’ category recorded a decreased of 2.9% due to the decrease in the average price in alcoholic beverages of 3.1%, conversely tobacco recorded an increase of 5.4%.

The ‘Housing, Water, Electricity....’ category decreased by 2.3%; this was due to the decrease in the average prices of the sub-category ‘Electricity, Gas and Other Fuel’ which

decreased by 14.1%. ‘Electricity’ declined by 19.0% and ‘Gas’ decline by 1.0%, discounts due to COVID-19.

The ‘Furnishing, Household Equipment and Routine....’ and ‘Health’ categories both decreased by 1.8%; this was due to some of the sub-categories such as ‘Household appliances’ (-1.4%), ‘Tools and Equipment for house and garden’ (-8.0%) and ‘Medical products appliances and equipment’ (-5.0%).

The ‘Food & Non-Alcoholic Beverages’ and ‘Recreation & culture’ categories down 0.04% and 0.05% respectively.

The ‘Education’ category remain unchanged over the previous year’s quarter.

Conversely, the ‘Restaurants and Hotels’ category had the opposite effect on the overall CPI figure, recording an increase of 5.1% due to the average cost of a restaurant meals of 6.1%, albeit, accommodation recorded a decline of 18.6%.

The ‘Miscellaneous Goods and Services’ category increased by 4.7% partly due to ‘Personal Care’ (5.0%), and ‘Insurance’ (5.5%).The ‘Communication’ and ‘Recreation & Culture’ recorded increase of 3.0%.

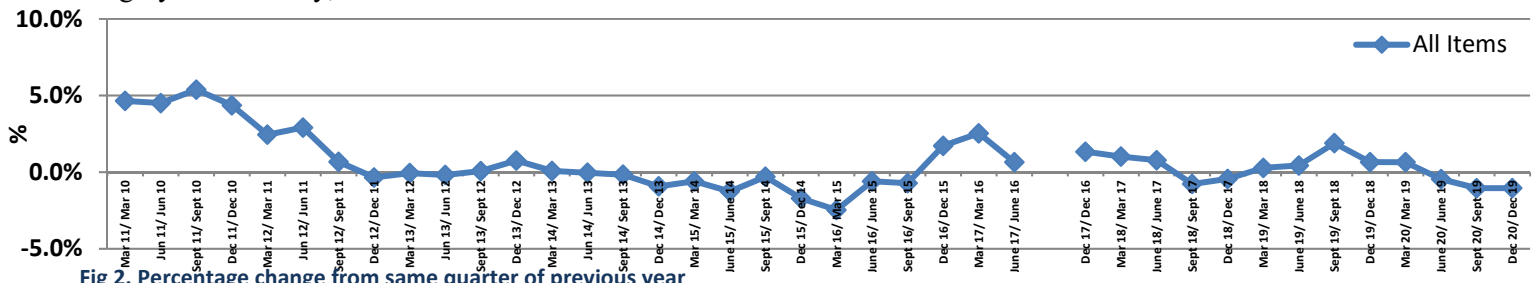


Fig 2. Percentage change from same quarter of previous year

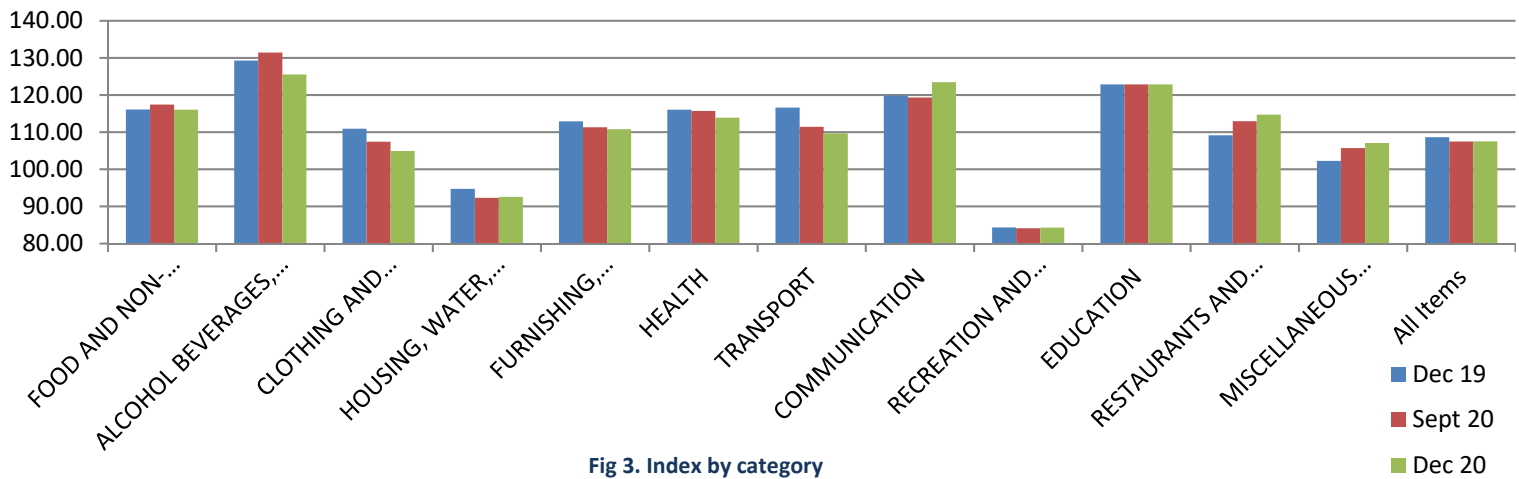


Fig 3. Index by category

CALENDAR YEAR ANNUAL ANALYSIS

The calendar year (average index for the year) analysis shows that on average, throughout 2020, consumers paid 0.5% less for goods and services in comparison to 2019, with five (5) categories experiencing decreases over the year and six (6) increases. The (Housing, water, electricity, gas and other fuel’ category impacted the greatest in percentage terms to this calendar year decrease with 2.5%, followed by the categories ‘Clothing and Footwear’, ‘Furnishing, Household equipment ...’ with 2.5%, 2.2% and 1.5% respectively amongst others. However, the largest positive impacts were observed by the ‘Restaurant & hotel’, ‘Miscellaneous Goods & Services’ and ‘Alcohol beverages & Tobacco’ categories with decreases of 5.3%, 2.2% and 1.5% respectively.

Code	Description	2012	2013	2014	2015	2016	2017	2018	2019	2020
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%
11.02	ALCOHOL BEVERAGES, TOBACCO	1.2%	3.8%	0.9%	-0.1%	0.8%	2.1%	0.5%	3.1%	1.5%
11.03	CLOTHING AND FOOTWEAR	6.4%	4.2%	-4.6%	-4.1%	4.0%	-4.5%	3.1%	2.9%	-2.2%
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%
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%
11.06	HEALTH	2.8%	7.6%	2.6%	2.9%	-2.2%	1.5%	-0.1%	0.5%	-0.6%
11.07	TRANSPORT	4.9%	0.2%	-1.8%	-2.7%	-9.0%	5.5%	1.7%	0.9%	-1.3%
11.08	COMMUNICATION	-2.4%	0.2%	-0.7%	0.3%	9.8%	3.6%	-1.4%	3.3%	0.3%
11.09	RECREATION AND CULTURE	1.9%	-1.5%	-1.8%	-1.7%	-2.1%	1.6%	-5.1%	-5.3%	0.8%
11.10	EDUCATION	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%
11.11	RESTAURANTS AND HOTELS	0.6%	2.6%	3.2%	0.7%	-0.3%	1.6%	0.5%	1.4%	5.3%
11.12	MISCELLANEOUS GOODS AND SERVICES	2.1%	-1.0%	0.9%	-0.1%	1.0%	0.9%	0.9%	-1.6%	2.2%
	All Items	1.4%	0.1%	-0.26%	-1.0%	-0.5%	1.5%	0.2%	0.8%	-0.5%

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 ..	FURNISHING, HOUSEHOLD EQUIPMENT AND ROUTINE ..	HEALTH	TRANSPORT	COMMUNICATION	RECREATION AND CULTURE	EDUCATION	RESTAURANTS AND HOTELS	MISC. GOODS AND SERVICES	
CHANGE FROM QUARTERLY ANALYSIS s													
2015													
1 st 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 nd 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 rd 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 th 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 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	This quarter was interrupted by the passage of hurricane Irma, therefore there is no data available for this period.												
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
CHANGE FROM SAME QUARTER OF PREVIOUS YEAR													
4 th 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
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

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

ANGUILLA STATISTICS DEPARTMENT
 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

'Sound Statistics for Sustainable Development'