

## Consumer Price Index, base period December 2006

### August 2018

*The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of August 2018.*

The CPI for August 2018 is 122.16, a decrease of 0.2% compared to the index of July 2018 (122.47) and accumulating an increase of 3.9% up to and including August of this year. The percentage change of the CPI over the last twelve (12) months (August 2017 to August 2018) is 5.0%, an increase of 5.7 ppts compared to the percentage change for the same period of last year (-0.7%).

The period average percentage change of the CPI for the period August 2017 - August 2018 is 1.8%, an increase of 2.2 ppts compared to the period average percentage change over the period August 2016 - August 2017 (-0.4%).

During this month, five (5) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Recreation and culture" (-3.2%), "Food and non-alcoholic beverages" (-0.5%) and the "Transport" (-0.3%) sectors, which contributed with an effect of -0.27, -0.07 and -0.06 ppts, respectively. The decreases in the remaining sectors had an insignificant effect on the CPI of August 2018.

Aforementioned decreases were partially offset mainly by increases in the indices for the "Clothing and footwear" (1.2%) and "Household operation" (0.8%) sectors, causing an effect of 0.06 and 0.05 ppts, respectively. The increases in the remaining sectors had an effect of 0.05 ppts on the CPI of August 2018.

The decrease in the "Recreation and culture" sector was mainly due to a decrease in the category "Holidays" (-21.9%), which contributed to an effect of -0.21 ppts. The decrease in the "Food and non-alcoholic beverages" sector was caused by a decrease of 0.7% in the category "Food", which contributed to an effect of -0.09 ppts. The decrease in the "Transport" sector was mainly due to a decrease in the category "Transport services" (-8.3%), which contributed to an effect of -0.12 ppts.

The increase in the "Clothing and footwear" sector was mainly due to an increase of 1.1% in the category "Clothing", which contributed to an effect of 0.05 ppts. The increase in the "Household operation" sector was mainly caused by an increase in the category "Household appliances" (2.7%), which contributed to an effect of 0.02 ppts.

The consumption basket of the CPI consists of 452 goods and services. Compared to July 2018, 44.9% of these products had an increase in price, causing an effect of 0.63 ppts, while 27.2% showed a decrease, contributing to an effect of -0.87 ppts and the remaining 27.9% had no change in price. The prices of goods increased by 0.02% and caused an influence of 0.01 ppt. The prices of services showed a decrease of 0.7% and had an influence of -0.26 ppts on the CPI of August 2018.

The CPIC (core inflation) - CPI excluding the effect of energy and food - was 1.4% in August 2018, which is 0.9 ppts higher compared to the percentage change for the same period of last year (0.5%). The energy index - which consists of the products: electricity, water, gasoline and diesel - was 1.3%, which is 5.7 ppts higher compared to the percentage change for the same period of last year (-4.4%). The food index showed an increase of 4.8%, which is 3.9 ppts higher compared to the percentage change for the same period of last year (0.9%).

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in August 2018 is Afl. 4,529, while for a single adult household it is Afl. 2,157.

September 26, 2018



CPI (BASE DEC 2006 = 100)		
Index	↑	122.16
Monthly	↓	-0.2
Year-to-date	↑	3.9
End of period	↑	5.0
Period average	↑	1.8
Goods	↑	0.02
Services	↓	-0.7

CPIC		
CPIC	↑	1.4
Energy	↑	1.3
Food	↑	4.8

SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	↓	2,157
2 adults + 2 children	↓	4,529

CPIC: CPI excluding the effect of energy and food.

Energy: Electricity, water, gasoline and diesel.

SUBSISTENCE LEVEL: The minimum level of income which is perceived necessary to achieve an adequate standard of living.

Table 1 Overview percentage change of the CPI

	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18
<b>Index</b>	116.32	116.45	117.12	116.70	117.63	117.89	118.79	119.44	119.48	119.85	120.69	122.47	122.16
<i>Monthly</i>	-0.2	0.1	0.6	-0.4	0.8	0.2	0.8	0.5	0.0	0.3	0.7	1.5	-0.2
<i>Year-to-date</i>	-1.4	-1.3	-0.7	-1.1	-0.3	0.2	1.0	1.5	1.6	1.9	2.6	4.1	3.9
<i>End of period</i>	-0.7	-0.8	-0.4	-0.9	-0.3	1.1	1.9	2.6	2.6	2.5	3.4	5.1	5.0
<i>Period average</i>	-0.4	-0.4	-0.4	-0.5	-0.5	-0.4	-0.2	0.0	0.3	0.5	0.8	1.3	1.8
<i>Goods</i>	0.2	0.4	0.5	-0.4	0.4	0.6	1.4	0.2	0.3	0.3	0.5	1.6	0.0
<i>Services</i>	-0.9	-0.5	0.6	-0.2	1.5	-0.4	-0.3	1.2	-0.3	0.2	1.1	1.3	-0.7
<b>CPIC</b>	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.8	1.1	1.4
<i>Energy</i>	-4.4	-4.2	-4.1	-4.3	-4.2	-3.8	-3.4	-3.1	-2.5	-1.8	-0.9	0.3	1.3
<i>Food</i>	0.9	1.1	1.1	0.9	0.8	0.8	1.3	1.7	2.2	2.7	3.3	4.1	4.8
<i>1 adult</i>	2,050	2,054	2,066	2,062	2,067	2,075	2,106	2,112	2,118	2,122	2,131	2,162	2,157
<i>2 adults + 2 children</i>	4,306	4,313	4,339	4,330	4,340	4,357	4,422	4,435	4,447	4,457	4,476	4,539	4,529

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Jul - Aug	Percentage changes			
			Monthly Jul - Aug	Year-to-date Dec - Aug	End of period Aug 17 - Aug 18	Period average Aug 17 - Aug 18
<b>CPI</b>	<b>10,000.0</b>	<b>-0.25</b>	<b>-0.2</b>	<b>3.9</b>	<b>5.0</b>	<b>1.8</b>
<i>01. Food and non-alcoholic beverages</i>	1,125.3	-0.07	-0.5	7.9	9.5	4.4
<i>02. Alcoholic beverages and tobacco</i>	81.9	0.00	0.2	5.9	6.1	2.4
<i>03. Clothing and footwear</i>	625.9	0.06	1.2	2.7	0.6	-0.3
<i>04. Housing</i>	2,553.3	0.01	0.05	0.8	0.9	-0.6
<i>05. Household operation</i>	741.3	0.05	0.8	2.4	3.2	-0.3
<i>06. Health</i>	235.8	0.00	-0.1	10.0	10.0	3.2
<i>07. Transport</i>	1,815.4	-0.06	-0.3	6.5	10.5	5.5
<i>08. Communications</i>	706.3	0.00	0.0	3.8	3.7	1.0
<i>09. Recreation and culture</i>	891.2	-0.27	-3.2	4.1	7.4	2.0
<i>10. Education</i>	83.0	0.00	0.0	0.7	0.7	3.7
<i>11. Restaurants and hotels</i>	373.7	0.03	0.69	2.9	3.8	2.0
<i>12. Miscellaneous goods and services</i>	767.0	0.01	0.10	2.0	1.8	0.1

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of August 2018

Category	Monthly change	Effect
<i>Operation of personal transport equipment</i>	0.7	0.07
<i>Newspapers, books and stationery</i>	10.1	0.06
<i>Clothing</i>	1.1	0.05
<i>Catering services</i>	0.7	0.03
<i>Recreational and cultural services</i>	0.9	0.03

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of August 2018

Category	Monthly change	Effect
<i>Holidays</i>	-21.9	-0.21
<i>Audio-visual, photographic and information processing equipment</i>	-14.1	-0.15
<i>Transport services</i>	-8.3	-0.12
<i>Food</i>	-0.7	-0.09

Source: Central Bureau of Statistics Aruba

## Change in prices of crude oil, utilities, gasoline and diesel in August 2018

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In August 2018 the average price per barrel of crude oil (US\$ 68.25) had a decrease of US\$ 2.91 (-4.1%) compared to July 2018 (US\$ 71.16).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in August 2018, it stayed at Afl. 34.52 cents per kWh. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh did not change in August 2018, it stayed at Afl. 35.72 cents per kWh. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh did not change in August 2018, it stayed at Afl. 45.93 cents per kWh. The prices of electricity and water did not change compared to July 2018. Subsequently, the average electricity price per household remained at Afl. 265.65, while the average price of water per household remained at Afl. 137.05.

In August 2018 the price of gasoline increased by Afl. 2.30 cents (1.1%) causing an effect of 0.06 ppts on the CPI. The price of diesel registered a decrease of Afl. 0.10 cents (-0.1%) and had an insignificant effect on the CPI of August 2018.

In August 2018, utilities, gasoline and diesel as a group showed an increase in price of 0.4% compared to July 2018, and had an influence of 0.06 ppts on the CPI, while the remaining 448 goods and services, as a group, experienced a decrease of 0.4% in price, causing an effect of -0.31 ppts on the CPI.

Table 6 Effect on the CPI of August 2018 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly change	Effect
Electricity	721.0	0.0	0.00
Gasoline	530.6	1.1	0.06
Water	437.4	0.0	0.00
Diesel	21.8	-0.1	0.00
<b>Total group</b>	<b>1,710.8</b>	<b>0.4</b>	<b>0.06</b>
Remaining goods and services	8,289.2	-0.4	-0.31
<b>CPI</b>	<b>10,000.0</b>	<b>-0.2</b>	<b>-0.25</b>

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2017 - 2018

Month	2017							2018						
	Crude oil	Total energy charge ≤500 kWh	Total energy charge 501-1000 kWh	Electricity	Water	Gasoline	Diesel	Crude oil	Total energy charge ≤500 kWh	Total energy charge 501-1000 kWh	Electricity	Water	Gasoline	Diesel
January	52.49	34.52	35.72	265.65	137.05	179.40	148.40	63.38	34.52	35.72	265.65	137.05	186.80	161.90
March	53.37	34.52	35.72	265.65	137.05	180.40	147.20	62.59	34.52	35.72	265.65	137.05	194.30	168.30
March	49.70	34.52	35.72	265.65	137.05	178.80	148.30	62.82	34.52	35.72	265.65	137.05	193.20	165.00
April	51.17	34.52	35.72	265.65	137.05	176.80	142.80	66.14	34.52	35.72	265.65	137.05	195.50	164.60
May	48.43	34.52	35.72	265.65	137.05	182.00	145.90	70.31	34.52	35.72	265.65	137.05	202.50	172.00
June	45.61	34.52	35.72	265.65	137.05	177.30	141.50	67.77	34.52	35.72	265.65	137.05	208.90	179.70
July	46.29	34.52	35.72	265.65	137.05	173.20	136.60	71.16	34.52	35.72	265.65	137.05	214.80	184.70
August	48.45	34.52	35.72	265.65	137.05	177.60	141.60	68.25	34.52	35.72	265.65	137.05	217.10	184.60
September	49.24	34.52	35.72	265.65	137.05	183.00	147.60							
October	51.31	34.52	35.72	265.65	137.05	188.50	156.60							
November	56.23	34.52	35.72	265.65	137.05	183.60	155.50							
December	57.93	34.52	35.72	265.65	137.05	188.90	160.30							
<b>Yearly Average</b>	<b>50.85</b>	<b>34.52</b>	<b>35.72</b>	<b>265.65</b>	<b>137.05</b>	<b>180.79</b>	<b>147.69</b>	<b>66.55</b>	<b>34.52</b>	<b>35.72</b>	<b>265.65</b>	<b>137.05</b>	<b>201.64</b>	<b>172.60</b>

Source: Central Bureau of Statistics Aruba

<sup>1</sup> Average West Texas Intermediate (WTI) crude oil price per barrel in US\$ (Source: U.S. Energy Information Administration)

<sup>2</sup> Total energy charge in Afl. cents per kWh

<sup>3</sup> Electricity price in Afl. is based on an average household usage of 725.5 kWh

<sup>4</sup> Water price in Afl. is based on an average household usage

<sup>5</sup> Gasoline and diesel prices in Afl. cents per liter

## Change in prices of Food & catering services in August 2018

The “Food & catering services” index showed a decrease of 0.2% in August 2018, after an increase of 2.1% in July 2018. The index for “Food at home” showed a decrease of 0.5% in August, as two (2) of the eleven (11) “Food at home” indices decreased in August 2018. The “Fruit” index registered the largest decrease (-8.0%) in August 2018. Furthermore, a decrease was posted in the index for “Fish and other seafood” (-1.1%). Furthermore, increases of 13.7% and 1.5% were posted in the indices for “Potatoes and other tubers” and “Bread and cereals”.

Over the last twelve (12) months, the “Food & catering services” has increased by 8.2%. The “Food at home” index showed an increase of 9.5%. The “Fruit” index increased by 28.8%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” increased by 0.7% in August 2018 and has increased by 3.9% over the last twelve (12) months.

In August 2018, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.2% compared to July 2018, and had an influence of -0.04 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.3%, causing an effect of -0.21 ppts on the CPI.

Table 8 Effect on the CPI of August 2018 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,125.3	-0.5	-0.07
<i>Food away from home</i>	367.5	0.7	0.03
<i>Total group</i>	1,492.8	-0.2	-0.04
<i>Remaining goods and services</i>	8,507.2	-0.3	-0.21
<i>CPI</i>	10,000.0	-0.2	-0.25

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Percentage changes						Effect		
		Weight coefficient	Aug-17	Jul-18	Aug-18	Monthly Jun - Jul	Monthly Jul - Aug	End of period Aug 17 - Aug 18	Monthly Jul - Aug	End of period Aug 17 - Aug 18
<b>Food &amp; catering services</b>		<b>1,492.8</b>	<b>145.29</b>	<b>157.49</b>	<b>157.14</b>	<b>2.1</b>	<b>-0.2</b>	<b>8.2</b>	<b>-0.042</b>	<b>1.520</b>
<b>Food at home</b>		<b>1,125.3</b>	<b>147.43</b>	<b>162.18</b>	<b>161.40</b>	<b>2.1</b>	<b>-0.5</b>	<b>9.5</b>	<b>-0.072</b>	<b>1.351</b>
<i>Bread and cereals</i>		205.2	134.66	139.64	141.72	3.0	1.5	5.2	0.035	0.125
<i>Meat</i>		229.8	145.47	153.08	154.31	3.2	0.8	6.1	0.023	0.175
<i>Fish and other seafood</i>		56.4	131.05	143.75	142.13	2.3	-1.1	8.5	-0.007	0.054
<i>Milk, cheese and eggs</i>		140.0	127.32	141.44	141.68	2.6	0.2	11.3	0.003	0.173
<i>Oils and fats</i>		31.6	160.15	173.87	174.47	4.1	0.3	8.9	0.002	0.039
<i>Fruit</i>		72.0	265.69	372.05	342.12	-2.7	-8.0	28.8	-0.176	0.473
<i>Potatoes and other tubers</i>		18.5	128.85	128.58	146.20	-1.2	13.7	13.5	0.027	0.028
<i>Vegetables</i>		75.7	182.95	195.62	195.64	2.4	0.0	6.9	0.000	0.083
<i>Sugar, jam, honey and other confectionery</i>		49.6	109.58	113.65	114.37	3.0	0.6	4.4	0.003	0.020
<i>Food products n.e.c.</i>		82.7	137.51	143.00	143.88	2.4	0.6	4.6	0.006	0.045
<i>Non-alcoholic beverages</i>		163.9	136.77	145.52	146.52	4.0	0.7	7.1	0.013	0.137
<b>Food away from home</b>		<b>367.5</b>	<b>138.74</b>	<b>143.12</b>	<b>144.11</b>	<b>2.1</b>	<b>0.7</b>	<b>3.9</b>	<b>0.030</b>	<b>0.170</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for July 2018, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	2017 Jul	2017 Dec	2018 Jun	2018 Jul	Monthly Jun - Jul	Ytd Dec - Jul	End of period Jul 17 - Jul 18	Period average Jul 17 - Jul 18
<b>Food and non-alcoholic beverages</b>	<b>1,125.3</b>	<b>147.69</b>	<b>149.57</b>	<b>158.85</b>	<b>162.18</b>	<b>2.1</b>	<b>8.4</b>	<b>9.8</b>	<b>3.8</b>
Food	961.4	149.54	151.33	162.08	165.02	1.8	9.0	10.4	4.1
Non-alcoholic beverages	163.9	136.86	139.25	139.89	145.52	4.0	4.5	6.3	1.6
<b>Alcoholic beverages and tobacco</b>	<b>81.9</b>	<b>149.42</b>	<b>150.19</b>	<b>153.26</b>	<b>158.72</b>	<b>3.6</b>	<b>5.7</b>	<b>6.2</b>	<b>2.0</b>
Alcoholic beverages for consumption at home	59.3	123.72	124.69	126.24	130.25	3.2	4.5	5.3	1.1
Tobacco	22.6	216.81	217.04	224.12	233.38	4.1	7.5	7.6	3.4
<b>Clothing and footwear</b>	<b>625.9</b>	<b>91.36</b>	<b>89.70</b>	<b>90.74</b>	<b>90.99</b>	<b>0.3</b>	<b>1.4</b>	<b>-0.4</b>	<b>-0.2</b>
Clothing	550.4	93.15	91.54	92.61	92.97	0.4	1.6	-0.2	-0.1
Footwear	75.5	78.28	76.26	77.10	76.60	-0.6	0.5	-2.1	-1.1
<b>Housing</b>	<b>2,553.3</b>	<b>129.87</b>	<b>130.01</b>	<b>130.60</b>	<b>130.99</b>	<b>0.3</b>	<b>0.8</b>	<b>0.9</b>	<b>-0.9</b>
Actual rentals for housing	854.2	154.02	155.13	156.47	156.70	0.1	1.0	1.7	1.7
Maintenance and repair of the dwelling	444.6	110.39	109.09	109.41	110.86	1.3	1.6	0.4	0.8
Water supply and miscellaneous services relating to the dwelling	505.7	119.95	119.95	119.95	120.06	0.1	0.1	0.1	0.0
Electricity, gas and other fuels	748.8	120.59	120.59	120.85	121.00	0.1	0.3	0.3	-6.1
<b>Household operation</b>	<b>741.3</b>	<b>94.49</b>	<b>96.43</b>	<b>95.88</b>	<b>97.91</b>	<b>2.1</b>	<b>1.5</b>	<b>3.6</b>	<b>-0.5</b>
Furniture, furnishings, carpets and other floor coverings	142.1	53.00	58.76	55.59	56.32	1.3	-4.1	6.3	-1.2
Household textiles	69.5	88.44	88.04	91.16	93.44	2.5	6.1	5.7	-12.6
Household appliances	111.3	62.57	65.38	64.07	66.37	3.6	1.5	6.1	3.6
Glassware, tableware and household utensils	31.8	67.28	66.57	66.24	69.56	5.0	4.5	3.4	0.1
Tools and equipment for house and garden	40.0	71.10	72.79	70.15	75.67	7.9	4.0	6.4	1.2
Goods and services for routine household maintenance and cleaning	346.6	128.18	129.01	129.25	131.16	1.5	1.7	2.3	0.7
<b>Health</b>	<b>235.8</b>	<b>96.58</b>	<b>96.22</b>	<b>99.11</b>	<b>105.90</b>	<b>6.8</b>	<b>10.1</b>	<b>9.6</b>	<b>2.3</b>
Medical products, appliances and equipment	140.3	103.27	102.98	107.41	112.53	4.8	9.3	9.0	2.9
Out-patient services	57.2	82.85	82.85	82.85	96.42	16.4	16.4	16.4	1.4
Other health products and services	38.3	92.62	91.46	93.04	95.81	3.0	4.8	3.4	1.3
<b>Transport</b>	<b>1,815.4</b>	<b>111.91</b>	<b>115.94</b>	<b>121.73</b>	<b>123.84</b>	<b>1.7</b>	<b>6.8</b>	<b>10.7</b>	<b>4.6</b>
Purchase of vehicles	811.4	108.41	107.75	112.69	113.57	0.8	5.4	4.8	2.2
Operation of personal transport equipment	840.1	115.92	123.68	133.29	136.27	2.2	10.2	17.6	7.7
Transport services	163.8	108.67	116.77	107.21	110.92	3.5	-5.0	2.1	-0.9
<b>Communications</b>	<b>706.3</b>	<b>89.71</b>	<b>89.70</b>	<b>91.27</b>	<b>93.10</b>	<b>2.0</b>	<b>3.8</b>	<b>3.8</b>	<b>0.6</b>
Postal services	6.1	118.02	118.02	118.02	126.22	6.9	6.9	6.9	0.6
Telephone and telefax equipment	29.6	34.23	33.87	40.69	31.77	-21.9	-6.2	-7.2	14.3
Telephone and telefax services	670.6	91.90	91.90	93.25	95.50	2.4	3.9	3.9	0.4
<b>Recreation and culture</b>	<b>891.2</b>	<b>109.58</b>	<b>110.00</b>	<b>115.96</b>	<b>118.25</b>	<b>2.0</b>	<b>7.5</b>	<b>7.9</b>	<b>1.2</b>
Audio-visual, photographic and information processing equipment	123.8	80.65	96.93	104.63	105.59	0.9	8.9	30.9	28.2
Other major durables for recreation and culture	19.2	45.81	46.54	46.70	50.96	9.1	9.5	11.2	-2.5
Other recreational items and equipment; gardens and pets	260.1	135.46	134.11	132.27	134.98	2.1	0.7	-0.4	-3.9
Recreational and cultural services	335.0	105.25	102.39	110.23	111.60	1.2	9.0	6.0	1.6
Newspapers, books and stationery	82.1	84.26	86.74	84.65	88.20	4.2	1.7	4.7	0.8
Holidays	71.0	132.18	124.51	158.04	163.35	3.4	31.2	23.6	-8.4
<b>Education</b>	<b>83.0</b>	<b>129.16</b>	<b>129.16</b>	<b>129.16</b>	<b>130.08</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>4.3</b>
Pre primary and primary education	30.4	109.07	109.07	109.07	109.07	0.0	0.0	0.0	0.0
Secondary education	25.2	119.45	119.45	119.45	121.90	2.0	2.0	2.0	0.2
Post-secondary non-tertiary education	4.6	129.44	129.44	129.44	129.44	0.0	0.0	0.0	0.0
Tertiary education	10.4	201.98	201.98	201.98	201.98	0.0	0.0	0.0	20.9
Education not definable by level	12.4	136.91	136.91	136.91	138.11	0.9	0.9	0.9	4.7
<b>Restaurants and hotels</b>	<b>373.7</b>	<b>138.08</b>	<b>139.29</b>	<b>139.47</b>	<b>142.39</b>	<b>2.1</b>	<b>2.2</b>	<b>3.1</b>	<b>1.8</b>
Catering services	367.5	138.74	139.97	140.15	143.12	2.1	2.3	3.2	1.9
Accommodation services	6.2	98.99	99.14	99.16	99.54	0.4	0.4	0.6	0.3
<b>Miscellaneous goods and services</b>	<b>767.0</b>	<b>102.91</b>	<b>102.73</b>	<b>103.36</b>	<b>104.67</b>	<b>1.3</b>	<b>1.9</b>	<b>1.7</b>	<b>-0.1</b>
Personal care	262.0	118.91	118.12	118.08	119.90	1.5	1.5	0.8	-0.7
Personal effects n.e.c.	67.3	108.18	110.41	116.95	120.81	3.3	9.4	11.7	3.9
Social protection	28.7	145.84	145.84	145.84	145.84	0.0	0.0	0.0	0.0
Insurance	289.1	85.46	85.46	85.46	85.46	0.0	0.0	0.0	0.0
Financial services n.e.c.	26.9	96.76	96.07	96.52	98.77	2.3	2.8	2.1	-1.0
Other services n.e.c.	93.0	96.76	96.07	96.52	98.77	2.3	2.8	2.1	-1.0
<b>CPI</b>	<b>10,000</b>	<b>116.55</b>	<b>117.63</b>	<b>120.69</b>	<b>122.47</b>	<b>1.5</b>	<b>4.1</b>	<b>5.1</b>	<b>1.3</b>

Source: Central Bureau of Statistics Aruba

## APPENDIX 2

## Effect on the Consumer Price Index per sector and category for July 2018 (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Jun - Jul	Ytd Dec - Jul	End of period Jul 17 - Jul 18	Period average Jul 17 - Jul 18
<b>Food and non-alcoholic beverages</b>	<b>1,125.3</b>	<b>0.31</b>	<b>1.21</b>	<b>1.40</b>	<b>0.54</b>
Food	961.4	0.23	1.12	1.28	0.51
Non-alcoholic beverages	163.9	0.08	0.09	0.12	0.03
<b>Alcoholic beverages and tobacco</b>	<b>81.9</b>	<b>0.04</b>	<b>0.06</b>	<b>0.07</b>	<b>0.02</b>
Alcoholic beverages for consumption at home	59.3	0.02	0.03	0.03	0.01
Tobacco	22.6	0.02	0.03	0.03	0.01
<b>Clothing and footwear</b>	<b>625.9</b>	<b>0.01</b>	<b>0.07</b>	<b>-0.02</b>	<b>-0.01</b>
Clothing	550.4	0.02	0.07	-0.01	-0.01
Footwear	75.5	0.00	0.00	-0.01	-0.01
<b>Housing</b>	<b>2,553.3</b>	<b>0.08</b>	<b>0.21</b>	<b>0.25</b>	<b>-0.27</b>
Actual rentals for housing	854.2	0.02	0.11	0.20	0.19
Maintenance and repair of the dwelling	444.6	0.05	0.07	0.02	0.03
Water supply and miscellaneous services relating to the dwelling	505.7	0.00	0.00	0.00	0.00
Electricity, gas and other fuels	748.8	0.01	0.03	0.03	-0.50
<b>Household operation</b>	<b>741.3</b>	<b>0.12</b>	<b>0.09</b>	<b>0.22</b>	<b>-0.03</b>
Furniture, furnishings, carpets and other floor coverings	142.1	0.01	-0.03	0.04	-0.01
Household textiles	69.5	0.01	0.03	0.03	-0.08
Household appliances	111.3	0.02	0.01	0.04	0.02
Glassware, tableware and household utensils	31.8	0.01	0.01	0.01	0.00
Tools and equipment for house and garden	40.0	0.02	0.01	0.02	0.00
Goods and services for routine household maintenance and cleaning	346.6	0.05	0.06	0.09	0.03
<b>Health</b>	<b>235.8</b>	<b>0.13</b>	<b>0.19</b>	<b>0.19</b>	<b>0.05</b>
Medical products, appliances and equipment	140.3	0.06	0.11	0.11	0.04
Out-patient services	57.2	0.06	0.07	0.07	0.01
Other health products and services	38.3	0.01	0.01	0.01	0.00
<b>Transport</b>	<b>1,815.4</b>	<b>0.32</b>	<b>1.22</b>	<b>1.86</b>	<b>0.81</b>
Purchase of vehicles	811.4	0.06	0.40	0.36	0.17
Operation of personal transport equipment	840.1	0.21	0.90	1.47	0.65
Transport services	163.8	0.05	-0.08	0.03	-0.01
<b>Communications</b>	<b>706.3</b>	<b>0.11</b>	<b>0.20</b>	<b>0.21</b>	<b>0.03</b>
Postal services	6.1	0.00	0.00	0.00	0.00
Telephone and telefax equipment	29.6	-0.02	-0.01	-0.01	0.01
Telephone and telefax services	670.6	0.13	0.21	0.21	0.02
<b>Recreation and culture</b>	<b>891.2</b>	<b>0.17</b>	<b>0.62</b>	<b>0.66</b>	<b>0.10</b>
Audio-visual, photographic and information processing equipment	123.8	0.01	0.09	0.26	0.23
Other major durables for recreation and culture	19.2	0.01	0.01	0.01	0.00
Other recreational items and equipment; gardens and pets	260.1	0.06	0.02	-0.01	-0.12
Recreational and cultural services	335.0	0.04	0.26	0.18	0.05
Newspapers, books and stationery	82.1	0.02	0.01	0.03	0.00
Holidays	71.0	0.03	0.23	0.19	-0.06
<b>Education</b>	<b>83.0</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.04</b>
Pre primary and primary education	30.4	0.00	0.00	0.00	0.00
Secondary education	25.2	0.01	0.01	0.01	0.00
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.00
Tertiary education	10.4	0.00	0.00	0.00	0.03
Education not definable by level	12.4	0.00	0.00	0.00	0.01
<b>Restaurants and hotels</b>	<b>373.7</b>	<b>0.09</b>	<b>0.10</b>	<b>0.14</b>	<b>0.08</b>
Catering services	367.5	0.09	0.10	0.14	0.08
Accommodation services	6.2	0.00	0.00	0.00	0.00
<b>Miscellaneous goods and services</b>	<b>767.0</b>	<b>0.08</b>	<b>0.13</b>	<b>0.12</b>	<b>-0.01</b>
Personal care	262.0	0.04	0.04	0.02	-0.02
Personal effects n.e.c.	67.3	0.02	0.06	0.07	0.02
Social protection	28.7	0.00	0.00	0.00	0.00
Insurance	289.1	0.00	0.00	0.00	0.00
Financial services n.e.c.	26.9	0.01	0.01	0.00	0.00
Other services n.e.c.	93.0	0.02	0.02	0.02	-0.01
<b>CPI</b>	<b>10,000</b>	<b>1.47</b>	<b>4.11</b>	<b>5.08</b>	<b>1.33</b>

Source: Central Bureau of Statistics Aruba

**APPENDIX 3**
**Monthly & Yearly Changes (%) and effect in the Food & catering services for July 2018, Total Population (Dec 2006 = 100)**

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly	End of period	Monthly	End of period
		Jun - Jul	Jul 17 - Jul 18	Jun - Jul	Jul 17 - Jul 18
<b>Food &amp; catering services</b>	<b>1,492.8</b>	<b>2.1</b>	<b>8.2</b>	<b>0.401</b>	<b>1.537</b>
<b>Food at home</b>	<b>1,125.3</b>	<b>2.1</b>	<b>9.8</b>	<b>0.311</b>	<b>1.399</b>
<b>Bread and cereals</b>	<b>205.2</b>	<b>3.0</b>	<b>3.7</b>	<b>0.068</b>	<b>0.087</b>
Rice	18.8	6.3	5.4	0.015	0.013
Bread	98.1	2.9	3.6	0.033	0.043
Pasta products	7.6	2.9	2.6	0.002	0.002
Other cereals and cereal products	80.7	2.1	3.4	0.018	0.029
<b>Meat</b>	<b>229.8</b>	<b>3.2</b>	<b>5.2</b>	<b>0.089</b>	<b>0.148</b>
Bovine	44.7	2.6	2.9	0.013	0.016
Swine	28.1	2.9	2.7	0.009	0.009
Poultry	59.5	2.8	6.8	0.023	0.055
Other meat and meat preparations	97.5	3.8	5.8	0.044	0.069
<b>Fish and other seafood</b>	<b>56.4</b>	<b>2.3</b>	<b>10.3</b>	<b>0.015</b>	<b>0.065</b>
Fish and seafood preparations	56.4	2.3	10.3	0.015	0.065
<b>Milk, cheese and eggs</b>	<b>140.0</b>	<b>2.6</b>	<b>10.5</b>	<b>0.042</b>	<b>0.161</b>
Milk	58.8	2.9	15.0	0.023	0.110
Cheese	46.9	2.2	6.1	0.011	0.031
Eggs	14.3	2.6	5.3	0.003	0.006
Other milk products	19.9	2.7	7.8	0.005	0.013
<b>Oils and fats</b>	<b>31.6</b>	<b>4.1</b>	<b>8.7</b>	<b>0.018</b>	<b>0.038</b>
Butter and margarine	9.9	2.6	17.2	0.004	0.024
Corn oil	9.4	5.7	4.3	0.008	0.006
Other oils and fats	12.3	4.3	4.8	0.006	0.007
<b>Fruit</b>	<b>72.0</b>	<b>-2.7</b>	<b>38.5</b>	<b>-0.062</b>	<b>0.639</b>
Oranges, lemons and mandarins	11.1	-2.6	17.1	-0.004	0.025
Bananas and plantains	13.8	-2.9	34.3	-0.009	0.079
Apples and pears	11.2	7.2	17.1	0.014	0.031
Grapes	6.0	16.9	49.9	0.021	0.051
Melons and watermelons	6.7	-7.6	46.4	-0.039	0.158
Nuts	6.9	4.0	2.8	0.002	0.002
Other fruits and fruit products	16.4	-5.1	49.0	-0.047	0.295
<b>Potatoes and other tubers</b>	<b>18.5</b>	<b>-1.2</b>	<b>1.7</b>	<b>-0.002</b>	<b>0.003</b>
Potatoes	11.2	-2.5	2.8	-0.004	0.004
Sweet potatoes and yucca	2.5	1.8	2.3	0.000	0.000
Other tubers	4.8	2.3	-2.3	0.001	-0.001
<b>Vegetables</b>	<b>75.7</b>	<b>2.4</b>	<b>6.9</b>	<b>0.029</b>	<b>0.082</b>
Lettuce	6.7	1.0	1.6	0.000	0.001
Celery and broccoli	6.3	-5.2	6.2	-0.008	0.009
Tomatoes & peppers	15.5	-3.7	5.8	-0.008	0.011
Onions	7.8	10.9	10.8	0.029	0.030
Frozen vegetable mixtures	6.7	2.8	3.6	0.002	0.003
Other vegetables	12.7	4.8	12.4	0.007	0.017
Other preserved or processed vegetables	20.0	2.3	3.5	0.007	0.011
<b>Sugar, jam, honey and other confectionery</b>	<b>49.6</b>	<b>3.0</b>	<b>3.3</b>	<b>0.013</b>	<b>0.015</b>
Sugar	14.4	4.1	3.5	0.005	0.005
Jams and jellies	2.8	2.5	2.3	0.001	0.001
Other confectionery products	32.4	2.5	3.3	0.008	0.010
<b>Food products n.e.c.</b>	<b>82.7</b>	<b>2.4</b>	<b>3.9</b>	<b>0.023</b>	<b>0.038</b>
Other food products	82.7	2.4	3.9	0.023	0.038
<b>Non-alcoholic beverages</b>	<b>163.9</b>	<b>4.0</b>	<b>6.3</b>	<b>0.076</b>	<b>0.122</b>
Coffee and tea	30.1	5.0	5.0	0.014	0.014
Soft and sports drinks	49.7	3.4	10.1	0.019	0.055
Fruit juices	61.0	4.3	4.5	0.033	0.037
Other non-alcoholic beverages	23.1	3.6	5.6	0.010	0.016
<b>Food away from home</b>	<b>367.5</b>	<b>2.1</b>	<b>3.2</b>	<b>0.090</b>	<b>0.138</b>
Food and beverage consumption away from home	367.5	2.1	3.2	0.090	0.138
<b>Other goods and services</b>	<b>8,507.2</b>	<b>1.3</b>	<b>4.4</b>	<b>1.074</b>	<b>3.546</b>
Other goods	5,147.2	1.5	5.0	0.690	2.393
Other services	3,360.0	1.1	3.4	0.383	1.153
<b>CPI</b>	<b>10,000</b>	<b>1.5</b>	<b>5.1</b>	<b>1.475</b>	<b>5.083</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 4

**CONSUMER PRICE INDEX**

	Base				YEAR: 2018				YEAR: 2017			
	Dec-06	Dec-06	Dec-06	Dec-06	Monthly	Year-to date	Yearly	Period average	Monthly	Year-to date	Yearly	Period average
	=100.0	=100.0	=100.0	=100.0								
	<u>Jan.'17</u>	<u>Dec.'16</u>	<u>Jan.'18</u>	<u>Dec.'17</u>								
<u>Total Population</u>	116.63	118.00	117.89	117.63	0.2	0.2	1.1	-0.4	-1.2	-1.2	-0.4	-0.9
Low Income	120.58	122.04	121.83	121.38	0.4	0.4	1.0		-1.2	-1.2	-0.6	
High Income	114.68	116.00	115.93	115.77	0.1	0.1	1.1		-1.1	-1.1	-0.3	
	<u>Feb.'17</u>	<u>Jan.'17</u>	<u>Feb.'18</u>	<u>Jan.'18</u>								
<u>Total Population</u>	116.58	116.63	118.79	117.89	0.8	1.0	1.9	-0.2	0.0	-1.2	-0.3	-0.8
Low Income	120.55	120.58	122.99	121.83	0.9	1.3	2.0		0.0	-1.2	-0.4	
High Income	114.62	114.68	116.71	115.93	0.7	0.8	1.8		-0.1	-1.2	-0.2	
	<u>Mar.'17</u>	<u>Feb.'17</u>	<u>Mar.'18</u>	<u>Feb.'18</u>								
<u>Total Population</u>	116.44	116.58	119.44	118.79	0.5	1.5	2.6	0.04	-0.1	-1.3	-0.1	-0.7
Low Income	120.39	120.55	123.57	122.99	0.5	1.8	2.6		-0.1	-1.3	-0.1	
High Income	114.48	114.62	117.39	116.71	0.6	1.4	2.5		-0.1	-1.3	0.0	
	<u>Apr.'17</u>	<u>Mar.'17</u>	<u>Apr.'18</u>	<u>Mar.'18</u>								
<u>Total Population</u>	116.42	116.44	119.48	119.44	0.04	1.6	2.6	0.3	-0.02	-1.3	-0.1	-0.6
Low Income	120.44	120.39	123.81	123.57	0.2	2.0	2.8		0.03	-1.3	-0.3	
High Income	114.43	114.48	117.34	117.39	0.0	1.4	2.5		-0.04	-1.4	0.0	
	<u>May'17</u>	<u>Apr.'17</u>	<u>May'18</u>	<u>Apr.'18</u>								
<u>Total Population</u>	116.88	116.42	119.85	119.48	0.3	1.9	2.5	0.5	0.4	-0.9	-0.1	-0.4
Low Income	120.76	120.44	124.18	123.81	0.3	2.3	2.8		0.3	-1.1	-0.3	
High Income	114.96	114.43	117.70	117.34	0.3	1.7	2.4		0.5	-0.9	0.0	
	<u>Jun'17</u>	<u>May'17</u>	<u>Jun'18</u>	<u>May'18</u>								
<u>Total Population</u>	116.70	116.88	120.69	119.85	0.7	2.6	3.4	0.8	-0.2	-1.1	-0.6	-0.4
Low Income	120.53	120.76	124.72	124.18	0.4	2.8	3.5		-0.2	-1.2	-0.9	
High Income	114.81	114.96	118.69	117.70	0.8	2.5	3.4		-0.1	-1.0	-0.5	
	<u>Jul'17</u>	<u>Jun'17</u>	<u>Jul'18</u>	<u>Jun'18</u>								
<u>Total Population</u>	116.55	116.70	122.47	120.69	1.5	4.1	5.1	1.3	-0.1	-1.2	-1.1	-0.4
Low Income	120.38	120.53	126.44	124.72	1.4	4.2	5.0		-0.1	-1.4	-1.2	
High Income	114.64	114.81	120.50	118.69	1.5	4.1	5.1		-0.1	-1.2	-1.0	
	<u>Aug.'17</u>	<u>Jul'17</u>	<u>Aug.'18</u>	<u>Jul'18</u>								
<u>Total Population</u>	116.32	116.55							-0.2	-1.4	-0.7	-0.4
Low Income	120.27	120.38							-0.1	-1.4	-0.9	
High Income	114.37	114.64							-0.2	-1.4	-0.6	
	<u>Sep.'17</u>	<u>Aug.'17</u>	<u>Sep.'18</u>	<u>Aug.'18</u>								
<u>Total Population</u>	116.45	116.32							0.1	-1.3	-0.8	-0.4
Low Income	120.39	120.27							0.1	-1.3	-0.9	
High Income	114.49	114.37							0.1	-1.3	-0.7	
	<u>Oct.'17</u>	<u>Sep.'17</u>	<u>Oct.'18</u>	<u>Sep.'18</u>								
<u>Total Population</u>	117.12	116.45							0.6	-0.7	-0.4	-0.4
Low Income	121.09	120.39							0.6	-0.8	-0.6	
High Income	115.16	114.49							0.6	-0.7	-0.3	
	<u>Nov.'17</u>	<u>Oct.'17</u>	<u>Nov.'18</u>	<u>Oct.'18</u>								
<u>Total Population</u>	116.70	117.12							-0.4	-1.1	-0.9	-0.5
Low Income	120.81	121.09							-0.2	-1.0	-1.1	
High Income	114.67	115.16							-0.4	-1.1	-0.8	
	<u>Dec.'17</u>	<u>Nov.'17</u>	<u>Dec.'18</u>	<u>Nov.'18</u>								
<u>Total Population</u>	117.63	116.70							0.8	-0.3	-0.3	-0.5
Low Income	121.38	120.81							0.5	-0.5	-0.5	
High Income	115.77	114.67							1.0	-0.2	-0.2	