

## Consumer Price Index, base period December 2006

### June 2017

*The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of June 2017.*

The CPI for June 2017 is 116.70, a decrease of 0.2% compared to the index of May 2017 (116.88) and accumulating a decrease of 1.1% up to and including June of this year.

The percentage change of the CPI over the last twelve (12) months (June 2016 to June 2017) is -0.6%, an increase of 0.2 percentage points (ppts) compared to the percentage change for the same period of last year (-0.8%).

The period average percentage change of the CPI for the period June 2016 - June 2017 is -0.4%, an increase of 0.2 ppts compared to the period average percentage change over the period June 2015 - June 2016 (-0.6%).

During this month, four (4) of the twelve (12) sectors registered decreases in prices. The decreases which had the greatest influence on the CPI were registered for the "Transport" (-0.9%) and "Household operation" (-0.7%) sectors, causing an effect of -0.16 and -0.04 ppts, respectively. The decreases in the remaining sectors had an effect of -0.03 ppts on the CPI of June 2017.

Aforementioned decreases were partially offset mainly by an increase in the index for the "Restaurants and hotels" (0.7%) sector, which contributed with an effect of 0.03 ppts. The increases in the remaining sectors had an effect of 0.05 ppts on the CPI of June 2017.

The decrease in the "Transport" sector was caused by decreases of 1.7% and 0.9% in the categories "Operation of personal transport equipment" and "Transport services", which contributed to an effect of -0.14 and -0.01 ppts, respectively. The decrease in the "Household operation" sector was mainly due to a decrease in the category "Household textiles" (-6.6%), which contributed to an effect of -0.04 ppts.


The increase in the "Restaurants and hotels" sector was mainly due to an increase in the category "Catering services" (0.7%), which contributed to an effect of 0.03 ppts.

The consumption basket of the CPI consists of 452 goods and services. Compared to May 2017, 33.4% of these products had an increase in price, causing an effect of 0.50 ppts, while 26.5% showed a decrease, contributing to an effect of -0.66 ppts and the remaining 40.0% had no change in price. The prices of goods decreased by 0.2% and caused an influence of -0.12 ppts. The prices of services show a decrease of 0.1% and had an influence of -0.04 ppts on the CPI of June 2017.

The CPIC (core inflation) - CPI excluding the effect of energy and food - was 0.6% in June 2017, which is 0.2 ppts lower compared to the percentage change for the same period of last year (0.8%). The energy index - which consists of the products: electricity, water, gasoline and diesel - is -5.0%, which is 0.7 ppt higher compared to the percentage change for the same period of last year (-5.7%). The food index shows an increase of 0.5%, which is 0.5 ppts higher compared to the percentage change for the same period of last year (0.0%).

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in June 2017 is Afl. 4,317, while for a single adult household it is Afl. 2,056.

July 19, 2017



central bureau of statistics  
**JUNE 2017**

CPI (BASE DEC 2006 = 100)		
Index	↓	116.70
Monthly	↓	-0.2
Year-to-date	↓	-1.1
End of period	↓	-0.6
Period average	↓	-0.4
Goods	↓	-0.2
Services	↓	-0.1

CPIC		
CPIC	↑	0.6
Energy	↓	-5.0
Food	↑	0.5

SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	-	2,056
2 adults + 2 children	↓	4,317

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

	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
<b>Index</b>	<b>117.44</b>	<b>117.82</b>	<b>117.17</b>	<b>117.35</b>	<b>117.61</b>	<b>117.78</b>	<b>118.00</b>	<b>116.63</b>	<b>116.58</b>	<b>116.44</b>	<b>116.42</b>	<b>116.88</b>	<b>116.70</b>
Monthly	0.4	0.3	-0.6	0.2	0.2	0.1	0.2	-1.2	-0.04	-0.1	-0.02	0.4	-0.2
Year-to-date	-0.8	-0.5	-1.0	-0.9	-0.7	-0.5	-0.3	-1.2	-1.2	-1.3	-1.3	-0.9	-1.1
End of period	-0.8	-1.1	-1.4	-0.7	-0.1	0.03	-0.3	-0.4	-0.3	-0.1	-0.1	-0.1	-0.6
Period average	-0.6	-0.8	-0.9	-1.0	-1.0	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.4	-0.4
Goods	0.4	0.1	-0.6	0.5	0.4	0.5	-0.4	-1.3	-0.1	-0.2	-0.2	0.2	-0.2
Services	0.4	0.7	-0.5	-0.4	-0.1	-0.4	1.2	-0.9	0.05	0.03	0.3	0.8	-0.1
CPIC	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.6
Energy	-5.7	-6.4	-7.2	-7.6	-7.3	-7.3	-7.0	-6.8	-6.5	-5.8	-5.5	-5.2	-5.0
Food	-0.03	-0.3	-0.6	-0.8	-0.7	-0.4	-0.1	-0.03	0.1	0.3	0.5	0.6	0.5
1 adult	2,069	2,068	2,060	2,065	2,079	2,085	2,088	2,059	2,054	2,052	2,054	2,056	2,056
2 adults + 2 children	4,344	4,342	4,326	4,336	4,365	4,379	4,385	4,323	4,314	4,310	4,313	4,318	4,317

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect May - Jun	Percentage changes			
			Monthly May - Jun	Year-to-date Dec - Jun	End of period Jun 16 - Jun 17	Period average Jun 16 - Jun 17
<b>CPI</b>	<b>10,000.0</b>	<b>-0.15</b>	<b>-0.2</b>	<b>-1.1</b>	<b>-0.6</b>	<b>-0.4</b>
01. Food and non-alcoholic beverages	1,125.3	0.01	0.0	-1.1	0.6	0.4
02. Alcoholic beverages and tobacco	81.9	0.00	0.1	0.8	0.5	1.0
03. Clothing and footwear	625.9	0.00	0.0	-0.9	0.2	0.8
04. Housing	2,553.3	-0.01	0.0	-3.5	-3.1	-2.9
05. Household operation	741.3	-0.04	-0.7	-3.5	-0.7	0.8
06. Health	235.8	0.02	1.2	1.7	0.5	1.1
07. Transport	1,815.4	-0.16	-0.9	2.1	0.5	1.0
08. Communications	706.3	0.00	0.1	-0.4	-1.0	-0.2
09. Recreation and culture	891.2	-0.02	-0.3	-1.7	0.4	0.1
10. Education	83.0	0.01	0.8	4.7	8.3	4.4
11. Restaurants and hotels	373.7	0.03	0.7	1.4	1.5	1.2
12. Miscellaneous goods and services	767.0	0.01	0.1	0.2	-0.2	0.1

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of June 2017

Category	Monthly change	Effect
Audio-visual, photographic and information processing equipment	20.6	0.15
Catering services	0.7	0.03
Medical products, appliances and equipment	1.7	0.02
Actual rentals for housing	0.1	0.02

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of June 2017

Category	Monthly change	Effect
Operation of personal transport equipment	-1.7	-0.14
Holidays	-9.4	-0.09
Other recreational items and equipment; gardens and pets	-2.6	-0.08
Household textiles	-6.6	-0.04

Source: Central Bureau of Statistics Aruba

## Change in prices of crude oil, utilities, gasoline and diesel in June 2017

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In June 2017 the average price per barrel of crude oil (US\$ 45.61) had a decrease of US\$ 2.82 (-5.8%) compared to May 2017 (US\$ 48.43).

Fuel surcharge for a usage of electricity up to 500 kWh did not change in June 2017, it stayed at Afl. 16.02 cents per kWh. Fuel surcharge for a usage of electricity between 501 - 1000 kWh did not change in June 2017, it stayed at Afl. 21.72 cents per kWh. The prices of electricity and water did not change compared to May 2017. 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 June 2017 the price of gasoline decreased by Afl. 4.70 cents (-2.6%) causing an effect of -0.14 ppts on the CPI. The price of diesel registered a decrease of Afl. 4.40 cents (-3.0%) and had an effect -0.01 ppt on the CPI of June 2017.

In June 2017, utilities, gasoline and diesel as a group show a decrease in price of 0.8% compared to May 2017, and had an influence of -0.14 ppts on the CPI, while the remaining 448 goods and services, as a group, experienced a decrease of 0.01% in price, causing an effect of -0.01 ppt on the CPI.

Table 6 Effect on the CPI of June 2017 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	-2.6	-0.14
Water	437.4	0.0	0.00
Diesel	21.8	-3.0	-0.01
Total group	1,710.8	-0.8	-0.14
Remaining goods and services	8,289.2	-0.01	-0.01
CPI	10,000.0	-0.2	-0.15

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2016 - 2017

Month	2016							2017						
	Crude oil	Fuel surcharge ≤500 kWh	Fuel surcharge 501-1000 kWh	Electricity	Water	Gasoline	Diesel	Crude oil	Fuel surcharge ≤500 kWh	Fuel surcharge 501-1000 kWh	Electricity	Water	Gasoline	Diesel
January	32.65	21.90	27.80	308.76	137.05	160.00	121.50	52.49	16.02	21.72	265.65	137.05	179.40	148.40
February	30.19	21.90	27.80	308.76	137.05	152.30	115.40	53.37	16.02	21.72	265.65	137.05	180.40	147.20
March	37.47	21.90	27.80	308.76	137.05	148.20	116.80	49.70	16.02	21.72	265.65	137.05	178.80	148.30
April	40.19	21.90	27.80	308.76	137.05	161.80	123.90	51.17	16.02	21.72	265.65	137.05	176.80	142.80
May	46.59	21.90	27.80	308.76	137.05	168.00	127.10	48.43	16.02	21.72	265.65	137.05	182.00	145.90
June	48.95	21.90	27.80	308.76	137.05	173.80	136.70	45.61	16.02	21.72	265.65	137.05	177.30	141.50
July	45.24	21.90	27.80	308.76	137.05	175.20	140.30							
August	44.54	21.90	27.80	308.76	137.05	168.30	134.40							
September	45.31	21.90	27.80	308.76	137.05	172.10	136.80							
October	49.92	21.90	27.80	308.76	137.05	169.80	137.20							
November	45.63	21.90	27.80	308.76	137.05	175.10	144.80							
December	51.41	21.90	27.80	308.76	137.05	165.80	138.50							

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> Fuel surcharge 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 June 2017

The “Food & catering services” index shows an increase of 0.2% in June 2017, after a decrease of 0.1% in May 2017. The index for “Food at home” shows an increase of 0.04% in June, as six (6) of the eleven (11) “Food at home” indices increased in June 2017. The “Fruit” index registered the largest increase (1.9%) in June 2017. Furthermore, increases were posted in the indices for “Sugar, jam, honey and other confectionery” (0.8%), “Milk, cheese and eggs” (0.6%) and “Meat” (0.2%). The “Potatoes and other tubers” index registered the largest decrease (-3.6%). Furthermore, decreases of 2.5% and 0.2% were posted in the indices for “Vegetables” and “Non-alcoholic beverages”.

Over the last twelve (12) months, the “Food & catering services” has increased by 0.8%. The “Food at home” index shows an increase of 0.6%. The “Fruit” index increased by 7.8%, the largest increase among the “Food at home” food groups, while the “Milk, cheese and eggs” index shows the largest decrease (-3.8%).

The index for “Food away from home” shows an increase of 0.7% in June 2017 after an increase of 0.1% in May 2017 and has increased by 1.5% over the last twelve (12) months.

In June 2017, “Food at home” and “Food away from home” as a group show an increase in price of 0.2% compared to May 2017, and had an influence of 0.04 pts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.2%, causing an effect of -0.19 pts on the CPI.

Table 8 Effect on the CPI of June 2017 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
Food at home	1,125.3	0.04	0.01
Food away from home	367.5	0.7	0.03
Total group	1,492.8	0.2	0.04
Remaining goods and services	8,507.2	-0.2	-0.19
CPI	10,000.0	-0.2	-0.15

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Indices			Percentage changes			Effect		
		Weight coefficient	Jun-16	May-17	Jun-17	Monthly Apr - May	Monthly May - Jun	End of period Jun 16 - Jun 17	Monthly May - Jun	End of period Jun 16 - Jun 17
<b>Food &amp; catering services</b>		<b>1,492.8</b>	<b>144.59</b>	<b>145.52</b>	<b>145.80</b>	<b>-0.1</b>	<b>0.2</b>	<b>0.8</b>	<b>0.04</b>	<b>0.15</b>
<b>Food at home</b>		<b>1,125.3</b>	<b>147.14</b>	<b>148.02</b>	<b>148.08</b>	<b>-0.2</b>	<b>0.04</b>	<b>0.6</b>	<b>0.01</b>	<b>0.09</b>
Bread and cereals		205.2	134.02	134.88	134.91	0.0	0.0	0.7	0.00	0.02
Meat		229.8	145.63	145.25	145.50	-0.1	0.2	-0.1	0.00	0.00
Fish and other seafood		56.4	136.02	131.20	131.06	0.0	-0.1	-3.6	0.00	-0.02
Milk, cheese and eggs		140.0	133.37	127.52	128.30	-0.8	0.6	-3.8	0.01	-0.06
Oils and fats		31.6	158.26	159.89	160.00	0.0	0.1	1.1	0.00	0.00
Fruit		72.0	249.32	263.68	268.70	-3.2	1.9	7.8	0.03	0.12
Potatoes and other tubers		18.5	125.46	130.83	126.10	-0.1	-3.6	0.5	-0.01	0.00
Vegetables		75.7	184.02	191.66	186.79	3.0	-2.5	1.5	-0.03	0.02
Sugar, jam, honey and other confectionery		49.6	106.64	109.16	109.98	0.4	0.8	3.1	0.00	0.01
Food products n.e.c.		82.7	136.03	137.79	137.71	-0.1	-0.1	1.2	0.00	0.01
Non-alcoholic beverages		163.9	137.52	137.30	137.07	0.0	-0.2	-0.3	0.00	-0.01
<b>Food away from home</b>		<b>367.5</b>	<b>136.77</b>	<b>137.85</b>	<b>138.82</b>	<b>0.1</b>	<b>0.7</b>	<b>1.5</b>	<b>0.03</b>	<b>-0.78</b>

Source: Central Bureau of Statistics Aruba

## The subsistence level in June 2017

The subsistence level is the minimum level of income which is perceived necessary to achieve an adequate standard of living in a given country. The subsistence level is usually determined by estimating the cost of all the essential resources that an average adult consumes in one month or year. This is commonly called a basic needs index, and varies according to the price of food, clothing, housing, transport and other items in the "basket". Equivalent scales are used to adjust the assumed standard of living, of households of different sizes and composition. The scale assigns a weight of 1.0 for the first adult and 0.5 for each additional adult in the household (aged 15+) and a weight of 0.3 for each child (aged 0-14 years). The subsistence level is based on figures of the report "Bestaansminimum 2010" published by the CBS in December 2010 and is monthly updated for inflation using the monthly CPI. The reference unit used in this report is a household consisting of two (2) adults and two (2) children (aged 0-14 years).

Table 9: Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-14 years)

Sector	Jun-16	Jun-17	Absolute Change
Food and non-alcoholic beverages	1,577	1,587	10
Clothing and footwear	248	248	0
Housing	1,401	1,358	-43
Household operation	129	129	0
Health	70	70	0
Transport	241	242	1
Communications	129	127	-2
Recreation and culture	179	180	1
Education	64	69	5
Miscellaneous goods and services	306	305	-1
<b>Total</b>	<b>4,344</b>	<b>4,317</b>	<b>-27</b>

Source: Central Bureau of Statistics Aruba

In June 2017 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 4,317) shows a decrease of Afl. 27 compared to June 2016 (Afl. 4,344) and was mainly caused by a decrease of Afl. 43 in the sector "Housing".

Table 10: Monthly Subsistence level in Aruba (in Afl.) by family size and composition, June 2017 (Base period Oct. 2010)

Period	Equivalence scales				
	1	1.3	1.5	1.8	2.1
	1 adult	1 adult + 1 child	2 adults	2 adults + 1 child	2 adults + 2 children
Jun-16	2,069	2,689	3,103	3,723	4,344
Jul-16	2,068	2,688	3,102	3,722	4,342
Aug-16	2,060	2,678	3,090	3,708	4,326
Sep-16	2,065	2,684	3,097	3,716	4,336
Oct-16	2,079	2,702	3,118	3,742	4,365
Nov-16	2,085	2,711	3,128	3,753	4,379
Dec-16	2,088	2,714	3,132	3,758	4,385
Jan-17	2,059	2,676	3,088	3,705	4,323
Feb-17	2,054	2,671	3,081	3,698	4,314
Mar-17	2,052	2,668	3,079	3,694	4,310
Apr-17	2,054	2,670	3,080	3,697	4,313
May-17	2,056	2,673	3,084	3,701	4,318
Jun-17	2,056	2,672	3,083	3,700	4,317

Source: Central Bureau of Statistics Aruba

In June 2017, the monthly subsistence level for a single adult household is Afl 2,056, which represents an income deficit of Afl. 378, a decrease of Afl. 13 compared to the deficit observed one year ago (Afl. 391). This deficit is the lowest registered over a period of five (5) years for the month June.

Table 11: Monthly income surplus/deficit (in Afl.) for a single adult household for June, 2013 - 2017

Period	1 adult	Minimum wage	Surplus/deficit
2013	2,037	1,637	-400
2014	2,042	1,637	-405
2015	2,075	1,637	-438
2016	2,069	1,678	-391
2017	2,056	1,678	-378

Source: Central Bureau of Statistics Aruba

## APPENDIX 1

## Monthly &amp; Yearly Changes (%) in the Consumer Price Index for June 2017, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	2016	2016	2017	2017	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 16 - Jun 17	Period average Jun 16 - Jun 17
		2016 Jun	2016 Dec	2017 May	2017 Jun				
<b>Food and non-alcoholic beverages</b>	<b>1,125.3</b>	<b>147.14</b>	<b>149.75</b>	<b>148.02</b>	<b>148.08</b>	<b>0.0</b>	<b>-1.1</b>	<b>0.6</b>	<b>0.4</b>
Food	961.4	148.78	151.81	149.85	149.96	0.1	-1.2	0.8	0.5
Non-alcoholic beverages	163.9	137.52	137.65	137.30	137.07	-0.2	-0.4	-0.3	-0.2
<b>Alcoholic beverages and tobacco</b>	<b>81.9</b>	<b>148.84</b>	<b>148.42</b>	<b>149.47</b>	<b>149.57</b>	<b>0.1</b>	<b>0.8</b>	<b>0.5</b>	<b>1.0</b>
Alcoholic beverages for consumption at home	59.3	124.92	124.18	123.83	123.92	0.1	-0.2	-0.8	0.7
Tobacco	22.6	211.57	211.98	216.69	216.81	0.1	2.3	2.5	1.5
<b>Clothing and footwear</b>	<b>625.9</b>	<b>90.88</b>	<b>91.88</b>	<b>91.03</b>	<b>91.05</b>	<b>0.0</b>	<b>-0.9</b>	<b>0.2</b>	<b>0.8</b>
Clothing	550.4	92.65	93.66	92.66	92.61	-0.1	-1.1	-0.1	0.8
Footwear	75.5	77.98	78.85	79.13	79.70	0.7	1.1	2.2	1.1
<b>Housing</b>	<b>2,553.3</b>	<b>133.89</b>	<b>134.52</b>	<b>129.84</b>	<b>129.80</b>	<b>0.0</b>	<b>-3.5</b>	<b>-3.1</b>	<b>-2.9</b>
Actual rentals for housing	854.2	151.16	152.47	153.57	153.80	0.1	0.9	1.7	1.8
Maintenance and repair of the dwelling	444.6	106.91	108.05	111.06	110.39	-0.6	2.2	3.3	0.6
Water supply and miscellaneous services relating to the dwelling	505.7	119.95	119.95	119.95	119.95	0.0	0.0	0.0	0.0
Electricity, gas and other fuels	748.8	139.61	139.61	120.59	120.59	0.0	-13.6	-13.6	-11.6
<b>Household operation</b>	<b>741.3</b>	<b>95.45</b>	<b>98.29</b>	<b>95.51</b>	<b>94.82</b>	<b>-0.7</b>	<b>-3.5</b>	<b>-0.7</b>	<b>0.8</b>
Furniture, furnishings, carpets and other floor coverings	142.1	54.26	64.38	52.49	52.73	0.4	-18.1	-2.8	5.3
Household textiles	69.5	104.04	106.60	97.60	91.20	-6.6	-14.4	-12.3	-3.9
Household appliances	111.3	59.04	61.66	63.77	62.36	-2.2	1.1	5.6	-2.7
Glassware, tableware and household utensils	31.8	65.13	67.59	66.34	66.39	0.1	-1.8	1.9	2.9
Tools and equipment for house and garden	40.0	70.12	70.56	72.24	71.40	-1.2	1.2	1.8	-4.9
Goods and services for routine household maintenance and cleaning	346.6	128.02	128.30	128.30	128.54	0.2	0.2	0.4	1.6
<b>Health</b>	<b>235.8</b>	<b>96.47</b>	<b>95.35</b>	<b>95.84</b>	<b>96.97</b>	<b>1.2</b>	<b>1.7</b>	<b>0.5</b>	<b>1.1</b>
Medical products, appliances and equipment	140.3	103.11	101.69	102.20	103.91	1.7	2.2	0.8	1.7
Out-patient services	57.2	82.85	82.85	82.85	82.85	0.0	0.0	0.0	1.1
Other health products and services	38.3	92.49	90.82	91.96	92.67	0.8	2.0	0.2	-1.3
<b>Transport</b>	<b>1,815.4</b>	<b>111.67</b>	<b>109.96</b>	<b>113.25</b>	<b>112.25</b>	<b>-0.9</b>	<b>2.1</b>	<b>0.5</b>	<b>1.0</b>
Purchase of vehicles	811.4	107.49	108.44	108.41	108.41	0.0	0.0	0.9	0.4
Operation of personal transport equipment	840.1	117.62	112.65	119.54	117.56	-1.7	4.4	0.0	1.2
Transport services	163.8	101.86	103.70	104.97	104.03	-0.9	0.3	2.1	2.7
<b>Communications</b>	<b>706.3</b>	<b>90.60</b>	<b>90.03</b>	<b>89.64</b>	<b>89.70</b>	<b>0.1</b>	<b>-0.4</b>	<b>-1.0</b>	<b>-0.2</b>
Postal services	6.1	118.02	118.02	118.02	118.02	0.0	0.0	0.0	0.0
Telephone and telefax equipment	29.6	27.32	29.00	32.38	33.99	5.0	17.2	24.4	6.0
Telephone and telefax services	670.6	93.14	92.47	91.90	91.90	0.0	-0.6	-1.3	-0.3
<b>Recreation and culture</b>	<b>891.2</b>	<b>109.57</b>	<b>111.85</b>	<b>110.28</b>	<b>109.96</b>	<b>-0.3</b>	<b>-1.7</b>	<b>0.4</b>	<b>0.1</b>
Audio-visual, photographic and information processing equipment	123.8	74.60	74.43	68.34	82.43	20.6	10.7	10.5	7.8
Other major durables for recreation and culture	19.2	52.54	48.38	46.70	42.08	-9.9	-13.0	-19.9	-7.8
Other recreational items and equipment; gardens and pets	260.1	139.81	140.73	138.46	134.93	-2.6	-4.1	-3.5	-0.3
Recreational and cultural services	335.0	105.06	105.06	105.25	105.25	0.0	0.2	0.2	-1.4
Newspapers, books and stationery	82.1	88.50	86.77	83.50	83.50	0.0	-3.8	-5.7	-2.1
Holidays	71.0	120.88	149.51	152.03	137.68	-9.4	-7.9	13.9	2.7
<b>Education</b>	<b>83.0</b>	<b>118.29</b>	<b>122.38</b>	<b>127.07</b>	<b>128.10</b>	<b>0.8</b>	<b>4.7</b>	<b>8.3</b>	<b>4.4</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	119.45	0.0	0.0	0.0	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	130.86	157.10	187.98	194.85	3.7	24.0	48.9	25.4
Education not definable by level	12.4	123.87	129.20	134.66	135.79	0.8	5.1	9.6	5.3
<b>Restaurants and hotels</b>	<b>373.7</b>	<b>136.14</b>	<b>136.25</b>	<b>137.20</b>	<b>138.16</b>	<b>0.7</b>	<b>1.4</b>	<b>1.5</b>	<b>1.2</b>
Catering services	367.5	136.77	136.88	137.85	138.82	0.7	1.4	1.5	1.2
Accommodation services	6.2	98.74	98.75	98.87	99.00	0.1	0.2	0.3	0.2
<b>Miscellaneous goods and services</b>	<b>767.0</b>	<b>103.44</b>	<b>103.11</b>	<b>103.18</b>	<b>103.28</b>	<b>0.1</b>	<b>0.2</b>	<b>-0.2</b>	<b>0.1</b>
Personal care	262.0	119.85	119.68	119.03	119.28	0.2	-0.3	-0.5	0.5
Personal effects n.e.c.	67.3	107.19	105.34	110.54	109.68	-0.8	4.1	2.3	-0.9
Social protection	28.7	145.84	145.84	145.84	145.84	0.0	0.0	0.0	0.8
Insurance	289.1	85.46	85.46	85.46	85.46	0.0	0.0	0.0	0.1
Financial services n.e.c.	26.9	98.69	97.99	96.93	97.49	0.6	-0.5	-1.2	-0.1
Other services n.e.c.	93.0	98.69	97.99	96.93	97.49	0.6	-0.5	-1.2	-0.1
<b>CPI</b>	<b>10,000</b>	<b>117.44</b>	<b>118.00</b>	<b>116.88</b>	<b>116.70</b>	<b>-0.2</b>	<b>-1.1</b>	<b>-0.6</b>	<b>-0.4</b>

Source: Central Bureau of Statistics Aruba

## APPENDIX 2

## Effect on the Consumer Price Index per sector and category for June 2017 (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 16 - Jun 17	Period average Jun 16 - Jun 17
<b>Food and non-alcoholic beverages</b>	<b>1,125.3</b>	<b>0.01</b>	<b>-0.16</b>	<b>0.09</b>	<b>0.06</b>
Food	961.4	0.01	-0.15	0.10	0.07
Non-alcoholic beverages	163.9	0.00	-0.01	-0.01	0.00
<b>Alcoholic beverages and tobacco</b>	<b>81.9</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>
Alcoholic beverages for consumption at home	59.3	0.00	0.00	-0.01	0.00
Tobacco	22.6	0.00	0.01	0.01	0.01
<b>Clothing and footwear</b>	<b>625.9</b>	<b>0.00</b>	<b>-0.04</b>	<b>0.01</b>	<b>0.04</b>
Clothing	550.4	0.00	-0.05	0.00	0.03
Footwear	75.5	0.00	0.01	0.01	0.01
<b>Housing</b>	<b>2,553.3</b>	<b>-0.01</b>	<b>-1.02</b>	<b>-0.89</b>	<b>-0.86</b>
Actual rentals for housing	854.2	0.02	0.10	0.19	0.19
Maintenance and repair of the dwelling	444.6	-0.03	0.09	0.13	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	0.00	-1.21	-1.21	-1.08
<b>Household operation</b>	<b>741.3</b>	<b>-0.04</b>	<b>-0.22</b>	<b>-0.04</b>	<b>0.05</b>
Furniture, furnishings, carpets and other floor coverings	142.1	0.00	-0.14	-0.02	0.03
Household textiles	69.5	-0.04	-0.09	-0.08	-0.02
Household appliances	111.3	-0.01	0.01	0.03	-0.02
Glassware, tableware and household utensils	31.8	0.00	0.00	0.00	0.01
Tools and equipment for house and garden	40.0	0.00	0.00	0.00	-0.01
Goods and services for routine household maintenance and cleaning	346.6	0.01	0.01	0.02	0.06
<b>Health</b>	<b>235.8</b>	<b>0.02</b>	<b>0.03</b>	<b>0.01</b>	<b>0.02</b>
Medical products, appliances and equipment	140.3	0.02	0.03	0.01	0.02
Out-patient services	57.2	0.00	0.00	0.00	0.00
Other health products and services	38.3	0.00	0.01	0.00	0.00
<b>Transport</b>	<b>1,815.4</b>	<b>-0.16</b>	<b>0.35</b>	<b>0.09</b>	<b>0.16</b>
Purchase of vehicles	811.4	0.00	0.00	0.06	0.03
Operation of personal transport equipment	840.1	-0.14	0.35	0.00	0.10
Transport services	163.8	-0.01	0.00	0.03	0.04
<b>Communications</b>	<b>706.3</b>	<b>0.00</b>	<b>-0.02</b>	<b>-0.05</b>	<b>-0.01</b>
Postal services	6.1	0.00	0.00	0.00	0.00
Telephone and telefax equipment	29.6	0.00	0.01	0.02	0.00
Telephone and telefax services	670.6	0.00	-0.03	-0.07	-0.02
<b>Recreation and culture</b>	<b>891.2</b>	<b>-0.02</b>	<b>-0.14</b>	<b>0.03</b>	<b>0.00</b>
Audio-visual, photographic and information processing equipment	123.8	0.15	0.08	0.08	0.06
Other major durables for recreation and culture	19.2	-0.01	-0.01	-0.02	-0.01
Other recreational items and equipment; gardens and pets	260.1	-0.08	-0.13	-0.11	-0.01
Recreational and cultural services	335.0	0.00	0.01	0.01	-0.04
Newspapers, books and stationery	82.1	0.00	-0.02	-0.03	-0.01
Holidays	71.0	-0.09	-0.07	0.10	0.02
<b>Education</b>	<b>83.0</b>	<b>0.01</b>	<b>0.04</b>	<b>0.07</b>	<b>0.04</b>
Pre primary and primary education	30.4	0.00	0.00	0.00	0.00
Secondary education	25.2	0.00	0.00	0.00	0.00
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.00
Tertiary education	10.4	0.01	0.03	0.06	0.03
Education not definable by level	12.4	0.00	0.01	0.01	0.01
<b>Restaurants and hotels</b>	<b>373.7</b>	<b>0.03</b>	<b>0.06</b>	<b>0.06</b>	<b>0.05</b>
Catering services	367.5	0.03	0.06	0.06	0.05
Accommodation services	6.2	0.00	0.00	0.00	0.00
<b>Miscellaneous goods and services</b>	<b>767.0</b>	<b>0.01</b>	<b>0.01</b>	<b>-0.01</b>	<b>0.01</b>
Personal care	262.0	0.01	-0.01	-0.01	0.01
Personal effects n.e.c.	67.3	0.00	0.02	0.01	-0.01
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	0.00	0.00	0.00	0.00
Other services n.e.c.	93.0	0.00	0.00	-0.01	0.00
<b>CPI</b>	<b>10,000</b>	<b>-0.15</b>	<b>-1.10</b>	<b>-0.63</b>	<b>-0.43</b>

Source: Central Bureau of Statistics Aruba

**APPENDIX 3**
**Monthly & Yearly Changes (%) and effect in the Food & catering services for June 2017, Total Population (Dec 2006 = 100)**

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly May - Jun	End of period Jun 16 - Jun 17	Monthly May - Jun	End of period Jun 16 - Jun 17
<b>Food &amp; catering services</b>	<b>1,492.8</b>	<b>0.2</b>	<b>0.8</b>	<b>0.04</b>	<b>0.15</b>
<b>Food at home</b>	<b>1,125.3</b>	<b>0.0</b>	<b>0.6</b>	<b>0.01</b>	<b>0.09</b>
<b>Bread and cereals</b>	<b>205.2</b>	<b>0.0</b>	<b>0.7</b>	<b>0.00</b>	<b>0.02</b>
Rice	18.8	-1.0	0.5	0.00	0.00
Bread	98.1	0.0	0.3	0.00	0.00
Pasta products	7.6	0.4	-3.4	0.00	0.00
Other cereals and cereal products	80.7	0.3	1.7	0.00	0.01
<b>Meat</b>	<b>229.8</b>	<b>0.2</b>	<b>-0.1</b>	<b>0.00</b>	<b>0.00</b>
Bovine	44.7	0.3	-1.8	0.00	-0.01
Swine	28.1	-1.1	-1.5	0.00	0.00
Poultry	59.5	0.7	-2.3	0.01	-0.02
Other meat and meat preparations	97.5	0.1	2.7	0.00	0.03
<b>Fish and other seafood</b>	<b>56.4</b>	<b>-0.1</b>	<b>-3.6</b>	<b>0.00</b>	<b>-0.02</b>
Fish and seafood preparations	56.4	-0.1	-3.6	0.00	-0.02
<b>Milk, cheese and eggs</b>	<b>140.0</b>	<b>0.6</b>	<b>-3.8</b>	<b>0.01</b>	<b>-0.06</b>
Milk	58.8	-1.0	-5.8	-0.01	-0.05
Cheese	46.9	2.3	-0.5	0.01	0.00
Eggs	14.3	4.4	2.9	0.00	0.00
Other milk products	19.9	0.2	-8.6	0.00	-0.02
<b>Oils and fats</b>	<b>31.6</b>	<b>0.1</b>	<b>1.1</b>	<b>0.00</b>	<b>0.00</b>
Butter and margarine	9.9	0.4	1.9	0.00	0.00
Corn oil	9.4	-0.4	3.6	0.00	0.00
Other oils and fats	12.3	0.2	-1.9	0.00	0.00
<b>Fruit</b>	<b>72.0</b>	<b>1.9</b>	<b>7.8</b>	<b>0.03</b>	<b>0.12</b>
Oranges, lemons and mandarins	11.1	10.2	21.5	0.01	0.02
Bananas and plantains	13.8	2.5	-5.1	0.01	-0.01
Apples and pears	11.2	0.8	-7.8	0.00	-0.01
Grapes	6.0	2.8	-17.1	0.00	-0.02
Melons and watermelons	6.7	0.4	47.7	0.00	0.11
Nuts	6.9	0.3	0.3	0.00	0.00
Other fruits and fruit products	16.4	1.1	6.9	0.01	0.04
<b>Potatoes and other tubers</b>	<b>18.5</b>	<b>-3.6</b>	<b>0.5</b>	<b>-0.01</b>	<b>0.00</b>
Potatoes	11.2	-4.7	1.2	-0.01	0.00
Sweet potatoes and yucca	2.5	-4.5	-4.3	0.00	0.00
Other tubers	4.8	0.4	0.4	0.00	0.00
<b>Vegetables</b>	<b>75.7</b>	<b>-2.5</b>	<b>1.5</b>	<b>-0.03</b>	<b>0.02</b>
Lettuce	6.7	-39.5	-9.1	-0.03	0.00
Celery and broccoli	6.3	-6.9	22.7	-0.01	0.03
Tomatoes & peppers	15.5	4.9	6.2	0.01	0.01
Onions	7.8	0.1	-7.1	0.00	-0.02
Frozen vegetable mixtures	6.7	0.1	0.9	0.00	0.00
Other vegetables	12.7	2.2	2.6	0.00	0.00
Other preserved or processed vegetables	20.0	-0.3	-0.3	0.00	0.00
<b>Sugar, jam, honey and other confectionery</b>	<b>49.6</b>	<b>0.8</b>	<b>3.1</b>	<b>0.00</b>	<b>0.01</b>
Sugar	14.4	2.4	10.9	0.00	0.01
Jams and jellies	2.8	0.0	0.0	0.00	0.00
Other confectionery products	32.4	0.1	0.5	0.00	0.00
<b>Food products n.e.c.</b>	<b>82.7</b>	<b>-0.1</b>	<b>1.2</b>	<b>0.00</b>	<b>0.01</b>
Other food products	82.7	-0.1	1.2	0.00	0.01
<b>Non-alcoholic beverages</b>	<b>163.9</b>	<b>-0.2</b>	<b>-0.3</b>	<b>0.00</b>	<b>-0.01</b>
Coffee and tea	30.1	-0.4	-5.0	0.00	-0.01
Soft and sports drinks	49.7	0.5	0.8	0.00	0.00
Fruit juices	61.0	-0.6	0.2	-0.01	0.00
Other non-alcoholic beverages	23.1	0.1	0.8	0.00	0.00
<b>Food away from home</b>	<b>367.5</b>	<b>0.7</b>	<b>1.5</b>	<b>0.03</b>	<b>0.06</b>
Food and beverage consumption away from home	367.5	0.7	1.5	0.03	0.06
<b>Other goods and services</b>	<b>8,507.2</b>	<b>-0.2</b>	<b>-1.0</b>	<b>-0.19</b>	<b>-0.78</b>
Other goods	5,147.2	-0.3	-2.1	-0.12	-1.03
Other services	3,360.0	-0.2	0.8	-0.07	0.25
<b>CPI</b>	<b>10,000</b>	<b>-0.2</b>	<b>-0.6</b>	<b>-0.15</b>	<b>-0.63</b>

Source: Central Bureau of Statistics Aruba