

Consumer Price Index, base period December 2006

May 2019

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of May 2019.

The CPI for May 2019 is 125.60, an increase of 0.4% compared to the index of April 2019 (125.05) and accumulating an increase of 2.1% up to and including May of this year.

The percentage change of the CPI over the last twelve (12) months (May 2018 to May 2019) is 4.8, an increase of 2.3 ppts compared to the percentage change for the same period of last year (2.5%).

The period average percentage change of the CPI for the period May 2018 - May 2019 is 4.4%, an increase of 3.9 ppts compared to the period average percentage change over the period May 2017 - May 2018 (0.5%).

During this month, ten (10) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Food and non-alcoholic beverages" (0.9%), "Recreation and culture" (1.4%) and "Transport" (0.2%) sectors, which contributed with an effect of 0.14, 0.11 and 0.04 ppts, respectively. The increases in the remaining sectors had an effect of 0.15 ppts on the CPI of May 2019.

The index for the "Health" (-0.02%) sector shows the only decrease in May 2019, but had an insignificant effect on the CPI of May 2019.


The increase in the "Food and non-alcoholic beverages" sector was mainly due to an increase in the category "Food" (1.0%), which contributed to an effect of 0.14 ppts. The increase in the "Recreation and culture" sector was mainly caused by an increase of 1.7% in the category "Other recreational items and equipment; gardens and pets", which contributed to an effect of 0.05 ppts. The increase in the "Transport" sector was due to an increase in the category "Operation of personal transport equipment" (3.7%), which contributed to an effect of 0.33 ppts.

The consumption basket of the CPI consists of 452 goods and services. Compared to April 2019, 43.6% of these products had an increase in price, causing an effect of 1.00 ppt, while 20.4% showed a decrease, contributing to an effect of -0.56 ppts and the remaining 36.1% had no change in price. The prices of goods increased by 1.0% and caused an influence of 0.62 ppts. The prices of services showed a decrease of 0.5% and had an influence of -0.18 ppts on the CPI of May 2019.

The CPIC (core inflation) - CPI excluding the effect of energy and food - was 3.6% in May 2019, which is 2.9 ppts higher compared to the percentage change for the same period of last year (0.7%). The energy index - which consists of the products: electricity, water, gasoline and diesel - was 3.3%, which is 5.1 ppts higher compared to the percentage change for the same period of last year (-1.8%). The food index showed an increase of 10.6%, which is 7.9 ppts higher compared to the percentage change for the same period of last year (2.7%).

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in May 2019 is Afl. 4,752, while for a single adult household it is Afl. 2,263.

June 25, 2019



central bureau of statistics
MAY 2019

CPI (BASE DEC 2006 = 100)		
Index	↑	125.60
Monthly	↑	0.4
Year-to-date	↑	2.1
End of period	↑	4.8
Period average	↑	4.4
Goods	↑	1.0
Services	↑	-0.5

CPIC		
CPIC	↑	3.6
Energy	↑	3.3
Food	↑	10.6

SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	↑	2,263
2 adults + 2 children	↑	4,752

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

	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
Index	119.85	120.69	122.47	122.16	122.14	122.02	122.62	123.01	122.49	123.16	124.26	125.05	125.60
<i>Monthly</i>	0.3	0.7	1.5	-0.2	-0.02	-0.1	0.5	0.3	-0.4	0.6	0.9	0.6	0.4
<i>Year-to-date</i>	1.9	2.6	4.1	3.9	3.8	3.7	4.2	4.6	-0.4	0.1	1.0	1.7	2.1
<i>End of period</i>	2.5	3.4	5.1	5.0	4.9	4.2	5.1	4.6	3.9	3.7	4.0	4.7	4.8
<i>Period average</i>	0.5	0.8	1.3	1.8	2.3	2.7	3.2	3.6	3.8	4.0	4.1	4.3	4.4
<i>Goods</i>	0.3	0.5	1.6	0.0	0.2	0.3	0.6	-0.8	-0.1	0.4	1.5	0.3	1.0
<i>Services</i>	0.2	1.1	1.3	-0.7	-0.3	-0.7	0.3	2.3	-1.0	0.9	-0.1	1.2	-0.5
<i>CPIC</i>	0.7	0.8	1.1	1.4	1.7	2.0	2.3	2.6	2.8	3.1	3.2	3.4	3.6
<i>Energy</i>	-1.8	-0.9	0.3	1.3	2.2	2.9	3.9	4.3	4.2	3.9	3.8	3.5	3.3
<i>Food</i>	2.7	3.3	4.1	4.8	5.4	6.1	6.9	7.9	8.9	9.1	9.7	10.2	10.6
<i>1 adult</i>	2,122	2,131	2,162	2,157	2,157	2,161	2,178	2,189	2,197	2,208	2,242	2,251	2,263
<i>2 adults + 2 children</i>	4,457	4,476	4,539	4,529	4,530	4,539	4,574	4,596	4,614	4,638	4,708	4,728	4,752

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Apr - May	Percentage changes			
			Monthly Apr - May	Year-to-date Dec - May	End of period May 18 - May 19	Period average May 18 - May 19
CPI	10,000.0	0.44	0.4	2.1	4.8	4.4
<i>01. Food and non-alcoholic beverages</i>	1,125.3	0.14	0.9	7.3	12.7	10.2
<i>02. Alcoholic beverages and tobacco</i>	81.9	0.01	0.8	8.0	12.6	7.7
<i>03. Clothing and footwear</i>	625.9	0.03	0.7	-0.5	4.4	3.8
<i>04. Housing</i>	2,553.3	0.03	0.1	0.4	1.1	1.0
<i>05. Household operation</i>	741.3	0.00	0.0	0.9	2.2	2.2
<i>06. Health</i>	235.8	0.00	0.0	0.4	6.7	8.6
<i>07. Transport</i>	1,815.4	0.04	0.2	2.0	2.4	5.6
<i>08. Communications</i>	706.3	0.02	0.4	0.3	11.2	7.7
<i>09. Recreation and culture</i>	891.2	0.11	1.4	0.4	4.4	4.4
<i>10. Education</i>	83.0	0.00	0.0	0.0	0.7	0.7
<i>11. Restaurants and hotels</i>	373.7	0.04	0.9	1.6	5.1	3.8
<i>12. Miscellaneous goods and services</i>	767.0	0.01	0.2	4.2	5.3	2.7

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of May 2019

Category	Monthly change	Effect
<i>Operation of personal transport equipment</i>	3.7	0.33
<i>Food</i>	1.0	0.14
<i>Other recreational items and equipment; gardens and pets</i>	1.7	0.05
<i>Clothing</i>	1.1	0.05

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of May 2019

Category	Monthly change	Effect
<i>Transport services</i>	-17.9	-0.29
<i>Footwear</i>	-3.4	-0.02
<i>Household appliances</i>	-1.6	-0.01

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in May 2019

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In May 2019 the average price per barrel of crude oil (US\$ 60.89) had a decrease of US\$ 3.00 (-4.7%) compared to April 2019 (US\$ 63.89).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in May 2019, 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 May 2019, 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 May 2019, it stayed at Afl. 45.93 cents per kWh. The prices of electricity and water did not change compared to April 2019. 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 May 2019 the price of gasoline registered an increase of Afl. 11.80 cents (6.0%) and had an effect of 0.32 ppts on the CPI. The price of diesel registered an increase of Afl. 3.90 cents (2.2%) and had an effect of 0.01 ppt on the CPI of May 2019.

In May 2019, utilities, gasoline and diesel as a group showed an increase in price of 1.9% compared to April 2019, and had an influence of 0.33 ppts on the CPI, while the remaining 448 goods and services, as a group, experienced an increase of 0.1% in price, causing an effect of 0.11 ppts on the CPI.

Table 6 Effect on the CPI of May 2019 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	6.0	0.32
Water	437.4	0.0	0.00
Diesel	21.8	2.2	0.01
Total group	1,710.8	1.9	0.33
Remaining goods and services	8,289.2	0.1	0.11
CPI	10,000.0	0.4	0.44

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2018 - 2019

Month	2018							2019						
	Crude oil	Total energy charge		Electricity	Water	Gasoline	Diesel	Crude oil	Total energy charge		Electricity	Water	Gasoline	Diesel
		≤ 500 kWh	501-1000 kWh						≤ 500 kWh	501-1000 kWh				
January	63.38	34.52	35.72	265.65	137.05	186.80	161.90	50.65	34.52	35.72	265.65	137.05	188.50	165.10
March	62.59	34.52	35.72	265.65	137.05	194.30	168.30	54.45	34.52	35.72	265.65	137.05	189.40	170.20
March	62.82	34.52	35.72	265.65	137.05	193.20	165.00	57.84	34.52	35.72	265.65	137.05	197.70	177.30
April	66.14	34.52	35.72	265.65	137.05	195.50	164.60	63.89	34.52	35.72	265.65	137.05	197.70	181.10
May	70.31	34.52	35.72	265.65	137.05	202.50	172.00	60.89	34.52	35.72	265.65	137.05	209.50	185.00
June	67.77	34.52	35.72	265.65	137.05	208.90	179.70							
July	71.16	34.52	35.72	265.65	137.05	214.80	184.70							
August	68.25	34.52	35.72	265.65	137.05	217.10	184.60							
September	70.15	34.52	35.72	265.65	137.05	215.90	185.00							
October	71.44	34.52	35.72	265.65	137.05	216.40	190.10							
November	57.91	34.52	35.72	265.65	137.05	214.60	194.20							
December	49.09	34.52	35.72	265.65	137.05	199.40	181.00							
Yearly Average	65.08	34.52	35.72	265.65	137.05	204.95	177.59	57.54	34.52	35.72	265.65	137.05	196.56	175.74

Source: Central Bureau of Statistics Aruba

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

² Total energy charge in Afl. cents per kWh

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

⁴ Water price in Afl. is based on an average household usage

⁵ Gasoline and diesel prices in Afl. cents per liter

Change in prices of Food & catering services in May 2019

The “Food & catering services” index showed an increase of 0.9% in May 2019, after an increase of 0.3% in April 2019. The index for “Food at home” showed an increase of 0.9% in May, as ten (10) of the eleven (11) “Food at home” indices increased in May 2019. The “Potatoes and other tubers” index registered the largest increase (4.5%) in May 2019. Furthermore, increases were posted in the indices for “Fruit” (3.4%), “Fish and other seafood” (1.8%), “Food products n.e.c.” (0.9%) and “Meat” (0.9%).

Over the last twelve (12) months, the “Food & catering services” has increased by 11.0%. The “Food at home” index showed an increase of 12.7%. The “Potatoes and other tubers” index increased by 48.6%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” increased by 0.9% in May 2019 and has increased by 5.1% over the last twelve (12) months.

In May 2019, “Food at home” and “Food away from home” as a group showed an increase in price of 0.9% compared to April 2019, and had an influence of 0.18 pts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.3%, causing an effect of 0.26 pts on the CPI.

Table 8 Effect on the CPI of May 2019 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
Food at home	1,125.3	0.9	0.14
Food away from home	367.5	0.9	0.04
Total group	1,492.8	0.9	0.18
Remaining goods and services	8,507.2	0.3	0.26
CPI	10,000.0	0.4	0.44

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Indices			Percentage changes			Effect		
		Weight coefficient	May-18	Apr-19	May-19	Monthly Mar - Apr	Monthly Apr - May	End of period May 18 - May 19	Monthly Apr - May	End of period May 18 - May 19
Food & catering services		1,492.8	153.62	169.04	170.55	0.3	0.9	11.0	0.181	2.109
Food at home		1,125.3	158.03	176.57	178.15	0.4	0.9	12.7	0.142	1.889
Bread and cereals		205.2	135.18	148.55	147.50	0.4	-0.7	9.1	-0.017	0.211
Meat		229.8	147.92	165.33	166.84	0.8	0.9	12.8	0.028	0.363
Fish and other seafood		56.4	137.29	148.47	151.08	0.3	1.8	10.0	0.012	0.065
Milk, cheese and eggs		140.0	137.83	149.75	149.89	0.3	0.1	8.8	0.002	0.141
Oils and fats		31.6	167.13	188.00	189.19	0.9	0.6	13.2	0.003	0.058
Fruit		72.0	384.41	431.40	446.27	-2.0	3.4	16.1	0.086	0.372
Potatoes and other tubers		18.5	123.27	175.29	183.18	2.5	4.5	48.6	0.012	0.092
Vegetables		75.7	182.76	226.41	226.67	3.8	0.1	24.0	0.002	0.277
Sugar, jam, honey and other confectionery		49.6	110.33	117.54	118.17	-0.6	0.5	7.1	0.003	0.032
Food products n.e.c.		82.7	139.83	151.20	152.59	0.8	0.9	9.1	0.009	0.088
Non-alcoholic beverages		163.9	140.17	153.64	154.03	0.5	0.3	9.9	0.005	0.190
Food away from home		367.5	140.11	145.99	147.29	0.0	0.9	5.1	0.038	0.220
Other goods and services		8,507.2	113.92	117.33	117.71	0.7	0.3	3.3	0.260	2.689
Other goods		5,147.2	110.75	113.12	114.29	0.3	1.0	3.2	0.482	1.519
Other services		3,360.0	118.78	123.78	122.95	1.4	-0.7	3.5	-0.223	1.169
CPI		10,000.0	119.85	125.05	125.60	0.6	0.4	4.8	0.440	4.798

Source: Central Bureau of Statistics Aruba

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for May 2019, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	2018	2018	2019	2019	Monthly Apr - May	Ytd Dec - May	End of period May 18 - May 19	Period average May 18 - May 19
		2018 May	2018 Dec	2019 Apr	2019 May				
Food and non-alcoholic beverages	1,125.3	158.03	165.96	176.57	178.15	0.9	7.3	12.7	10.2
Food	961.4	161.08	169.02	180.48	182.26	1.0	7.8	13.2	10.6
Non-alcoholic beverages	163.9	140.17	147.99	153.64	154.03	0.3	4.1	9.9	7.1
Alcoholic beverages and tobacco	81.9	153.07	159.60	170.98	172.37	0.8	8.0	12.6	7.7
Alcoholic beverages for consumption at home	59.3	125.90	131.47	144.14	145.93	1.2	11.0	15.9	8.3
Tobacco	22.6	224.32	233.36	241.35	241.69	0.1	3.6	7.7	7.0
Clothing and footwear	625.9	91.45	96.00	94.85	95.48	0.7	-0.5	4.4	3.8
Clothing	550.4	93.19	98.24	96.98	98.07	1.1	-0.2	5.2	4.1
Footwear	75.5	78.75	79.68	79.32	76.59	-3.4	-3.9	-2.7	1.8
Housing	2,553.3	130.58	131.53	131.92	132.07	0.1	0.4	1.1	1.0
Actual rentals for housing	854.2	156.25	157.83	158.74	158.97	0.1	0.7	1.7	1.7
Maintenance and repair of the dwelling	444.6	109.72	111.76	112.27	112.72	0.4	0.9	2.7	1.4
Water supply and miscellaneous services relating to the dwelling	505.7	119.95	120.06	120.06	120.06	0.0	0.0	0.1	0.1
Electricity, gas and other fuels	748.8	120.85	121.00	121.00	121.00	0.0	0.0	0.1	0.3
Household operation	741.3	95.76	96.99	97.86	97.88	0.0	0.9	2.2	2.2
Furniture, furnishings, carpets and other floor coverings	142.1	57.97	54.30	55.80	55.80	0.0	2.8	-3.7	-0.8
Household textiles	69.5	85.17	90.79	87.93	87.46	-0.5	-3.7	2.7	3.8
Household appliances	111.3	63.78	62.41	62.32	61.35	-1.6	-1.7	-3.8	0.7
Glassware, tableware and household utensils	31.8	66.38	69.20	73.61	73.79	0.2	6.6	11.2	6.3
Tools and equipment for house and garden	40.0	69.79	75.76	71.85	72.48	0.9	-4.3	3.9	5.7
Goods and services for routine household maintenance and cleaning	346.6	129.34	131.85	133.75	134.11	0.3	1.7	3.7	2.3
Health	235.8	99.71	105.91	106.37	106.35	0.0	0.4	6.7	8.6
Medical products, appliances and equipment	140.3	107.97	113.14	113.63	113.46	-0.1	0.3	5.1	8.1
Out-patient services	57.2	82.85	96.42	96.42	96.42	0.0	0.0	16.4	15.0
Other health products and services	38.3	94.67	93.60	94.66	95.14	0.5	1.6	0.5	2.2
Transport	1,815.4	119.90	120.40	122.56	122.83	0.2	2.0	2.4	5.6
Purchase of vehicles	811.4	112.69	114.01	114.29	114.29	0.0	0.2	1.4	3.5
Operation of personal transport equipment	840.1	130.75	130.89	130.62	135.46	3.7	3.5	3.6	8.3
Transport services	163.8	100.04	98.29	122.19	100.35	-17.9	2.1	0.3	-0.7
Communications	706.3	91.27	101.17	101.12	101.51	0.4	0.3	11.2	7.7
Postal services	6.1	118.02	126.22	126.22	126.22	0.0	0.0	6.9	6.4
Telephone and telefax equipment	29.6	40.69	25.16	23.91	33.23	39.0	32.1	-18.3	-16.2
Telephone and telefax services	670.6	93.25	104.29	104.29	104.29	0.0	0.0	11.8	8.1
Recreation and culture	891.2	110.79	115.15	114.04	115.61	1.4	0.4	4.4	4.4
Audio-visual, photographic and information processing equipment	123.8	96.10	90.14	90.31	92.72	2.7	2.9	-3.5	2.4
Other major durables for recreation and culture	19.2	44.81	42.30	42.57	42.57	0.0	0.6	-5.0	1.1
Other recreational items and equipment; gardens and pets	260.1	133.01	136.24	136.62	138.93	1.7	2.0	4.5	1.0
Recreational and cultural services	335.0	110.23	112.58	112.58	112.58	0.0	0.0	2.1	6.0
Newspapers, books and stationery	82.1	84.65	98.56	99.77	99.77	0.0	1.2	17.9	11.7
Holidays	71.0	105.72	132.50	115.37	122.51	6.2	-7.5	15.9	9.6
Education	83.0	129.16	130.08	130.08	130.08	0.0	0.0	0.7	0.7
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	121.90	121.90	121.90	0.0	0.0	2.0	1.9
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	0.3
Education not definable by level	12.4	136.91	138.11	138.11	138.11	0.0	0.0	0.9	0.9
Restaurants and hotels	373.7	139.43	144.15	145.22	146.50	0.9	1.6	5.1	3.8
Catering services	367.5	140.11	144.90	145.99	147.29	0.9	1.6	5.1	3.9
Accommodation services	6.2	99.16	99.76	99.90	100.06	0.2	0.3	0.9	0.7
Miscellaneous goods and services	767.0	103.39	104.52	108.69	108.89	0.2	4.2	5.3	2.7
Personal care	262.0	118.32	120.37	123.68	124.05	0.3	3.1	4.8	2.2
Personal effects n.e.c.	67.3	116.29	117.89	144.89	144.64	-0.2	22.7	24.4	13.9
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	96.56	98.47	102.71	103.35	0.6	5.0	7.0	3.4
Other services n.e.c.	93.0	96.56	98.47	102.71	103.35	0.6	5.0	7.0	3.4
CPI	10,000	119.85	123.01	125.05	125.60	0.4	2.1	4.8	4.4

Source: Central Bureau of Statistics Aruba

APPENDIX 2

Effect on the Consumer Price Index per sector and category for May 2019 (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Apr - May	Ytd Dec - May	End of period May 18 - May 19	Period average May 18 - May 19
Food and non-alcoholic beverages	1,125.3	0.14	1.12	1.89	1.48
Food	961.4	0.14	1.03	1.70	1.34
Non-alcoholic beverages	163.9	0.01	0.08	0.19	0.14
Alcoholic beverages and tobacco	81.9	0.01	0.08	0.13	0.08
Alcoholic beverages for consumption at home	59.3	0.01	0.07	0.10	0.05
Tobacco	22.6	0.00	0.02	0.03	0.03
Clothing and footwear	625.9	0.03	-0.03	0.21	0.18
Clothing	550.4	0.05	-0.01	0.22	0.18
Footwear	75.5	-0.02	-0.02	-0.01	0.01
Housing	2,553.3	0.03	0.11	0.32	0.28
Actual rentals for housing	854.2	0.02	0.08	0.19	0.20
Maintenance and repair of the dwelling	444.6	0.02	0.03	0.11	0.06
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	0.00	0.01	0.02
Household operation	741.3	0.00	0.05	0.13	0.13
Furniture, furnishings, carpets and other floor coverings	142.1	0.00	0.02	-0.03	-0.01
Household textiles	69.5	0.00	-0.02	0.01	0.02
Household appliances	111.3	-0.01	-0.01	-0.02	0.00
Glassware, tableware and household utensils	31.8	0.00	0.01	0.02	0.01
Tools and equipment for house and garden	40.0	0.00	-0.01	0.01	0.01
Goods and services for routine household maintenance and cleaning	346.6	0.01	0.06	0.14	0.09
Health	235.8	0.00	0.01	0.13	0.17
Medical products, appliances and equipment	140.3	0.00	0.00	0.06	0.10
Out-patient services	57.2	0.00	0.00	0.06	0.06
Other health products and services	38.3	0.00	0.00	0.00	0.01
Transport	1,815.4	0.04	0.36	0.44	0.99
Purchase of vehicles	811.4	0.00	0.02	0.11	0.27
Operation of personal transport equipment	840.1	0.33	0.31	0.33	0.73
Transport services	163.8	-0.29	0.03	0.00	-0.01
Communications	706.3	0.02	0.02	0.60	0.42
Postal services	6.1	0.00	0.00	0.00	0.00
Telephone and telefax equipment	29.6	0.02	0.02	-0.02	-0.01
Telephone and telefax services	670.6	0.00	0.00	0.62	0.43
Recreation and culture	891.2	0.11	0.03	0.36	0.37
Audio-visual, photographic and information processing equipment	123.8	0.02	0.03	-0.03	0.02
Other major durables for recreation and culture	19.2	0.00	0.00	0.00	0.00
Other recreational items and equipment; gardens and pets	260.1	0.05	0.06	0.13	0.03
Recreational and cultural services	335.0	0.00	0.00	0.07	0.18
Newspapers, books and stationery	82.1	0.00	0.01	0.10	0.07
Holidays	71.0	0.04	-0.06	0.10	0.06
Education	83.0	0.00	0.00	0.01	0.01
Pre primary and primary education	30.4	0.00	0.00	0.00	0.00
Secondary education	25.2	0.00	0.00	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	0.00
Education not definable by level	12.4	0.00	0.00	0.00	0.00
Restaurants and hotels	373.7	0.04	0.07	0.22	0.17
Catering services	367.5	0.04	0.07	0.22	0.17
Accommodation services	6.2	0.00	0.00	0.00	0.00
Miscellaneous goods and services	767.0	0.01	0.27	0.35	0.18
Personal care	262.0	0.01	0.08	0.13	0.06
Personal effects n.e.c.	67.3	0.00	0.15	0.16	0.09
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	0.01	0.02	0.01
Other services n.e.c.	93.0	0.00	0.04	0.05	0.03
CPI	10,000	0.44	2.10	4.80	4.44

Source: Central Bureau of Statistics Aruba

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for May 2019, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Apr - May	End of period May 18 - May 19	Monthly Apr - May	End of period May 18 - May 19
Food & catering services	1,492.8	0.9	11.0	0.181	2.109
Food at home	1,125.3	0.9	12.7	0.142	1.889
Bread and cereals	205.2	-0.7	9.1	-0.017	0.211
Rice	18.8	-0.4	14.4	-0.001	0.034
Bread	98.1	0.3	10.3	0.004	0.118
Pasta products	7.6	0.8	8.8	0.001	0.007
Other cereals and cereal products	80.7	-2.3	6.1	-0.021	0.052
Meat	229.8	0.9	12.8	0.028	0.363
Bovine	44.7	0.3	6.9	0.002	0.037
Swine	28.1	1.3	10.0	0.004	0.032
Poultry	59.5	2.1	20.4	0.019	0.165
Other meat and meat preparations	97.5	0.2	11.0	0.003	0.130
Fish and other seafood	56.4	1.8	10.0	0.012	0.065
Fish and seafood preparations	56.4	1.8	10.0	0.012	0.065
Milk, cheese and eggs	140.0	0.1	8.8	0.002	0.141
Milk	58.8	-0.3	7.0	-0.002	0.056
Cheese	46.9	0.8	7.7	0.004	0.040
Eggs	14.3	0.5	24.1	0.001	0.028
Other milk products	19.9	-0.5	9.8	-0.001	0.017
Oils and fats	31.6	0.6	13.2	0.003	0.058
Butter and margarine	9.9	0.8	11.1	0.001	0.017
Corn oil	9.4	0.9	14.2	0.001	0.019
Other oils and fats	12.3	0.2	14.5	0.000	0.021
Fruit	72.0	3.4	16.1	0.086	0.372
Oranges, lemons and mandarins	11.1	1.8	4.5	0.003	0.006
Bananas and plantains	13.8	1.1	5.0	0.003	0.015
Apples and pears	11.2	-2.1	11.5	-0.004	0.022
Grapes	6.0	6.3	21.7	0.008	0.025
Melons and watermelons	6.7	1.1	21.1	0.007	0.111
Nuts	6.9	0.9	8.9	0.001	0.005
Other fruits and fruit products	16.4	6.7	19.3	0.069	0.187
Potatoes and other tubers	18.5	4.5	48.6	0.012	0.092
Potatoes	11.2	6.4	63.6	0.013	0.085
Sweet potatoes and yucca	2.5	12.2	36.5	0.002	0.006
Other tubers	4.8	-7.4	3.8	-0.003	0.002
Vegetables	75.7	0.1	24.0	0.002	0.277
Lettuce	6.7	-9.8	31.5	-0.006	0.014
Celery and broccoli	6.3	10.6	52.7	0.019	0.071
Tomatoes & peppers	15.5	-7.7	23.3	-0.018	0.043
Onions	7.8	1.4	34.6	0.005	0.090
Frozen vegetable mixtures	6.7	1.3	19.8	0.001	0.015
Other vegetables	12.7	-1.1	8.9	-0.002	0.013
Other preserved or processed vegetables	20.0	1.0	10.3	0.003	0.031
Sugar, jam, honey and other confectionery	49.6	0.5	7.1	0.003	0.032
Sugar	14.4	1.0	12.9	0.001	0.016
Jams and jellies	2.8	2.3	9.8	0.001	0.003
Other confectionery products	32.4	0.2	4.4	0.000	0.013
Food products n.e.c.	82.7	0.9	9.1	0.009	0.088
Other food products	82.7	0.9	9.1	0.009	0.088
Non-alcoholic beverages	163.9	0.3	9.9	0.005	0.190
Coffee and tea	30.1	-0.1	13.7	0.000	0.038
Soft and sports drinks	49.7	-0.3	6.6	-0.002	0.038
Fruit juices	61.0	0.7	10.8	0.006	0.085
Other non-alcoholic beverages	23.1	0.4	10.3	0.001	0.029
Food away from home	367.5	0.9	5.1	0.038	0.220
Food and beverage consumption away from home	367.5	0.9	5.1	0.038	0.220
Other goods and services	8,507.2	0.3	3.3	0.260	2.689
Other goods	5,147.2	1.0	3.2	0.482	1.519
Other services	3,360.0	-0.7	3.5	-0.223	1.169
CPI	10,000	0.4	4.8	0.440	4.798

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMER PRICE INDEX

	Base				JAAR: 2019				JAAR: 2018			
	Dec-06	Dec-06	Dec-06	Dec-06	CHANGE				CHANGE			
	=100.0	=100.0	=100.0	=100.0	Monthly	Year-to date	Yearly	Period average	Monthly	Year-to date	Yearly	Period average
	<u>Jan.'18</u>	<u>Dec.'17</u>	<u>Jan.'19</u>	<u>Dec.'18</u>								
<u>Total Population</u>	117.89	117.63	122.49	123.01	-0.4	-0.4	3.9	3.8	0.2	0.2	1.1	-0.4
Low Income	121.83	121.38	127.38	127.60	-0.2	-0.2	4.6		0.4	0.4	1.0	
High Income	115.93	115.77	120.06	120.74	-0.6	-0.6	3.6		0.1	0.1	1.1	
	<u>Feb.'18</u>	<u>Jan.'18</u>	<u>Feb.'19</u>	<u>Jan.'19</u>								
<u>Total Population</u>	118.79	117.89	123.16	122.49	0.6	0.1	3.7	4.0	0.8	1.0	1.9	-0.2
Low Income	122.99	121.83	128.10	127.38	0.6	0.4	4.2		0.9	1.3	2.0	
High Income	116.71	115.93	120.72	120.06	0.5	0.0	3.4		0.7	0.8	1.8	
	<u>Mar.'18</u>	<u>Feb.'18</u>	<u>Mar.'19</u>	<u>Feb.'19</u>								
<u>Total Population</u>	119.44	118.79	124.26	123.16	0.9	1.0	4.0	4.1	0.5	1.5	2.6	0.0
Low Income	123.57	122.99	129.54	128.10	1.1	1.5	4.8		0.5	1.8	2.6	
High Income	117.39	116.71	121.64	120.72	0.8	0.7	3.6		0.6	1.4	2.5	
	<u>Apr.'18</u>	<u>Mar.'18</u>	<u>Apr.'19</u>	<u>Mar.'19</u>								
<u>Total Population</u>	119.48	119.44	125.05	124.26	0.6	1.7	4.7	4.3	0.0	1.6	2.6	0.3
Low Income	123.81	123.57	130.25	129.54	0.5	2.1	5.2		0.2	2.0	2.8	
High Income	117.34	117.39	122.47	121.64	0.7	1.4	4.4		0.0	1.4	2.5	
	<u>May'18</u>	<u>Apr.'18</u>	<u>May'19</u>	<u>Apr.'19</u>								
<u>Total Population</u>	119.85	119.48	125.60	125.05	0.4	2.1	4.8	4.4	0.3	1.9	2.5	0.5
Low Income	124.18	123.81	130.80	130.25	0.4	2.5	5.3		0.3	2.3	2.8	
High Income	117.70	117.34	123.03	122.47	0.4	1.9	4.5		0.3	1.7	2.4	
	<u>Jun'18</u>	<u>May'18</u>	<u>Jun'19</u>	<u>May'19</u>								
<u>Total Population</u>	120.69	119.85							0.7	2.6	3.4	0.8
Low Income	124.72	124.18							0.4	2.8	3.5	
High Income	118.69	117.70							0.8	2.5	3.4	
	<u>Jul'18</u>	<u>Jun'18</u>	<u>Jul'19</u>	<u>Jun'19</u>								
<u>Total Population</u>	122.47	120.69							1.5	4.1	5.1	1.3
Low Income	126.44	124.72							1.4	4.2	5.0	
High Income	120.50	118.69							1.5	4.1	5.1	
	<u>Aug.'18</u>	<u>Jul'18</u>	<u>Aug.'19</u>	<u>Jul'19</u>								
<u>Total Population</u>	122.16	122.47							-0.2	3.9	5.0	1.8
Low Income	126.44	126.44							0.0	4.2	5.1	
High Income	120.05	120.50							-0.4	3.7	5.0	
	<u>Sep.'18</u>	<u>Aug.'18</u>	<u>Sep.'19</u>	<u>Aug.'19</u>								
<u>Total Population</u>	122.14	122.16							-0.02	3.8	4.9	2.3
Low Income	126.40	126.44							-0.03	4.1	5.0	
High Income	120.03	120.05							-0.02	3.7	4.8	
	<u>Okt.'18</u>	<u>Sep.'18</u>	<u>Okt.'19</u>	<u>Sep.'19</u>								
<u>Total Population</u>	122.02	122.14							-0.1	3.7	4.2	2.7
Low Income	126.55	126.40							0.1	4.3	4.5	
High Income	119.78	120.03							-0.2	3.5	4.0	
	<u>Nov.'18</u>	<u>Okt.'18</u>	<u>Nov.'19</u>	<u>Okt.'19</u>								
<u>Total Population</u>	122.62	122.02							0.5	4.2	5.1	3.2
Low Income	127.17	126.55							0.5	4.8	5.3	
High Income	120.37	119.78							0.5	4.0	5.0	
	<u>Dec.'18</u>	<u>Nov.'18</u>	<u>Dec.'19</u>	<u>Nov.'19</u>								
<u>Total Population</u>	123.01	122.62							0.3	4.6	4.6	3.6
Low Income	127.60	127.17							0.3	5.1	5.1	
High Income	120.74	120.37							0.3	4.3	4.3	

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2019

Month	Crude Crude oil ¹	Electricity components					Water ⁵	Gasoline ⁶	Diesel ⁶
		Total energy charge ²			Fixed charge ³	Electricity ⁴			
		≤ 500 kWh	501 - 1000 kWh	> 1001 kWh					
Average 2001	26.01	24.59	22.09	22.09	0.00	172.79	89.40	128.34	90.10
Average 2002	26.06	24.89	22.39	22.39	0.00	174.91	90.82	127.20	88.68
Average 2003	34.49	27.02	24.52	24.52	0.00	190.38	99.21	139.21	100.18
Average 2004	41.31	27.18	24.68	24.68	0.00	191.57	100.02	152.51	113.05
Average 2005	56.36	31.10	28.60	28.60	0.00	219.97	113.69	167.74	136.04
Average 2006	66.12	35.91	33.41	33.41	0.00	254.88	128.70	176.22	149.77
Average 2007	72.08	36.59	34.09	34.09	0.00	259.84	133.59	200.43	168.38
Average 2008	99.87	45.67	43.17	43.17	0.00	325.67	161.80	228.19	214.48
Average 2009	61.46	37.33	34.83	34.83	0.00	265.17	139.60	175.15	142.53
Average 2010	79.22	43.92	41.42	41.42	0.00	312.98	159.21	193.43	163.22
Average 2011	94.74	47.58	47.57	47.57	0.00	345.14	177.47	229.48	203.46
Average 2012	94.25	47.68	51.21	53.46	0.00	353.85	171.13	235.53	210.07
Average 2013	98.00	41.10	44.90	58.40	0.00	306.75	137.05	229.48	205.83
Average 2014	93.49	42.58	45.32	57.77	0.63	315.71	137.05	224.24	200.21
Average 2015	48.71	47.02	46.56	55.87	2.50	342.59	137.05	179.74	147.80
Average 2016	43.17	40.40	41.80	47.64	12.50	308.76	137.05	165.87	131.12
Average 2017	50.85	34.52	35.72	45.93	12.50	265.65	137.05	180.79	147.69
Average 2018	65.08	34.52	35.72	45.93	12.50	265.65	137.05	204.95	177.59
January-19	50.65	34.52	35.72	45.93	12.50	265.65	137.05	188.50	165.10
February-19	54.45	34.52	35.72	45.93	12.50	265.65	137.05	189.40	170.20
March-19	57.84	34.52	35.72	45.93	12.50	265.65	137.05	197.70	177.30
April-19	63.89	34.52	35.72	45.93	12.50	265.65	137.05	197.70	181.10
May-19	60.89	34.52	35.72	45.93	12.50	265.65	137.05	209.50	185.00
June-19									
July-19									
August-19									
September-19									
October-19									
November-19									
December-19									
Average 2019	57.54	34.52	35.72	45.93	12.50	265.65	137.05	196.56	175.74

Source: Central Bureau of Statistics Aruba

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

² Total energy charge in Afl. cents per kWh

³ Fixed charge was introduced in October 2014 at Afl. 2.50

⁴ Electricity price in Afl. is based on an average household usage of 725.5 kWh

⁵ Water price in Afl. is based on an average household usage

⁶ Gasoline and diesel prices in Afl. cents per liter