

Consumer Price Index, base period December 2006

January 2019

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

The CPI for January 2019 is 122.49, a decrease of 0.4% compared to the index of December 2018 (123.01).

The percentage change of the CPI over the last twelve (12) months (January 2018 to January 2019) is 3.9%, an increase of 2.8 ppts compared to the percentage change for the same period of last year (1.1%).

The period average percentage change of the CPI for the period January 2018 - January 2019 is 3.8%, an increase of 4.2 ppts compared to the period average percentage change over the period January 2017 - January 2018 (-0.4%).

During this month, four (4) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Transport" (-2.8%) and "Recreation and culture" (-2.9%) sectors, which contributed with an effect of -0.51 and -0.25 ppts, respectively. The decreases in the remaining sectors had an effect of -0.06 ppts on the CPI of January 2019.

Aforementioned decreases were partially offset mainly by increases in the indices for the "Food and non-alcoholic beverages" (1.8%) and "Restaurants and hotels" (1.0%) sectors, causing an effect of 0.27 and 0.05 ppts, respectively. The increases in the remaining sectors had an effect of 0.07 ppts on the CPI of January 2019.

The decrease in the "Transport" sector was due to decreases in the categories "Operation of personal transport equipment" (-3.6%) and "Transport services" (-13.9%), which contributed to an effect of -0.32 and -0.18 ppts, respectively. The decrease in the "Recreation and culture" sector was caused by a decrease of 34.1% in the category "Holidays", which contributed to an effect of -0.26 ppts.

The increase in the "Food and non-alcoholic beverages" sector was mainly due to an increase of 1.8% in the category "Food", which contributed to an effect of 0.24 ppts. The increase in the "Restaurants and hotels" sector was mainly caused by an increase in the category "Catering services" (1.1%), which contributed to an effect of 0.05 ppts.

The consumption basket of the CPI consists of 452 goods and services. Compared to December 2018, 46.7% of these products had an increase in price, causing an effect of 0.53 ppts, while 17.0% showed a decrease, contributing to an effect of -0.95 ppts and the remaining 36.3% had no change in price. The prices of goods decreased by 0.1% and caused an influence of -0.05 ppts. The prices of services showed a decrease of 1.0% and had an influence of -0.37 ppts on the CPI of January 2019.

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 2.8% in January 2019, which is 2.5 ppts higher compared to the percentage change for the same period of last year (0.3%). The energy index - which consists of the products: electricity, water, gasoline and diesel – was 4.2%, which is 8.0 ppts higher compared to the percentage change for the same period of last year (-3.8%). The food index showed an increase of 8.9%, which is 8.1 ppts higher compared to the percentage change for the same period of last year (0.8%).

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in January 2019 is Afl. 4,614, while for a single adult household it is Afl. 2,197.

February 28, 2019



CPI (BASE DEC 2006 = 100)		
Index	↓	122.49
Monthly	↓	-0.4
Year-to-date	↓	-0.4
End of period	↑	3.9
Period average	↑	3.8
Goods	↓	-0.1
Services	↓	-1.0

CPIC		
CPIC	↑	2.8
Energy	↑	4.2
Food	↑	8.9

SUBSISTENCE LEVEL ^{in AFL}		
1 adult	↑	2,197
2 adults + 2 children	↑	4,614

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

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19
Index	117.89	118.79	119.44	119.48	119.85	120.69	122.47	122.16	122.14	122.02	122.62	123.01	122.49
<i>Monthly</i>	0.2	0.8	0.5	0.0	0.3	0.7	1.5	-0.2	-0.02	-0.1	0.5	0.3	-0.4
<i>Year-to-date</i>	0.2	1.0	1.5	1.6	1.9	2.6	4.1	3.9	3.8	3.7	4.2	4.6	-0.4
<i>End of period</i>	1.1	1.9	2.6	2.6	2.5	3.4	5.1	5.0	4.9	4.2	5.1	4.6	3.9
<i>Period average</i>	-0.4	-0.2	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.7	3.2	3.6	3.8
<i>Goods</i>	0.6	1.4	0.2	0.3	0.3	0.5	1.6	0.0	0.2	0.3	0.6	-0.8	-0.1
<i>Services</i>	-0.4	-0.3	1.2	-0.3	0.2	1.1	1.3	-0.7	-0.3	-0.7	0.3	2.3	-1.0
CPIC	0.3	0.4	0.6	0.6	0.7	0.8	1.1	1.4	1.7	2.0	2.3	2.6	2.8
<i>Energy</i>	-3.8	-3.4	-3.1	-2.5	-1.8	-0.9	0.3	1.3	2.2	2.9	3.9	4.3	4.2
<i>Food</i>	0.8	1.3	1.7	2.2	2.7	3.3	4.1	4.8	5.4	6.1	6.9	7.9	8.9
<i>1 adult</i>	2,075	2,106	2,112	2,118	2,122	2,131	2,162	2,157	2,157	2,161	2,178	2,189	2,197
<i>2 adults + 2 children</i>	4,357	4,422	4,435	4,447	4,457	4,476	4,539	4,529	4,530	4,539	4,574	4,596	4,614

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Dec-Jan	Percentage changes			
			Monthly Dec-Jan	Year-to-date Dec-Jan	End of period Jan 18 - Jan 19	Period average Jan 18 - Jan 19
CPI	10,000.0	-0.43	-0.4	-0.4	3.9	3.8
<i>01. Food and non-alcoholic beverages</i>	1,125.3	0.27	1.8	1.8	11.7	8.3
<i>02. Alcoholic beverages and tobacco</i>	81.9	0.02	2.0	2.0	7.4	4.7
<i>03. Clothing and footwear</i>	625.9	-0.05	-1.1	-1.1	7.2	2.3
<i>04. Housing</i>	2,553.3	0.02	0.1	0.1	1.2	0.8
<i>05. Household operation</i>	741.3	0.02	0.3	0.3	1.3	1.2
<i>06. Health</i>	235.8	0.00	-0.2	-0.2	10.0	7.4
<i>07. Transport</i>	1,815.4	-0.51	-2.8	-2.8	0.6	6.7
<i>08. Communications</i>	706.3	0.00	0.0	0.0	12.7	4.3
<i>09. Recreation and culture</i>	891.2	-0.25	-2.9	-2.9	0.9	4.6
<i>10. Education</i>	83.0	0.00	0.0	0.0	0.7	1.4
<i>11. Restaurants and hotels</i>	373.7	0.05	1.0	1.0	4.6	3.0
<i>12. Miscellaneous goods and services</i>	767.0	0.01	0.2	0.2	1.9	1.1

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Food</i>	1.8	0.24
<i>Catering services</i>	1.1	0.05
<i>Non-alcoholic beverages</i>	1.5	0.03

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Operation of personal transport equipment</i>	-3.6	-0.32
<i>Holidays</i>	-34.1	-0.26
<i>Transport services</i>	-13.9	-0.18
<i>Clothing</i>	-1.2	-0.05

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In January 2019 the average price per barrel of crude oil (US\$ 50.65) had an increase of US\$ 1.56 (3.2%) compared to December 2018 (US\$ 49.09).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in January 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 January 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 January 2019, it stayed at Afl. 45.93 cents per kWh. The prices of electricity and water did not change compared to December 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 January 2019 the price of gasoline decreased by Afl. 10.90 cents (-5.5%) causing an effect of -0.30 pts on the CPI. The price of diesel registered a decrease of Afl. 15.90 cents (-8.8%) and had an effect of -0.02 pts on the CPI of January 2019.

In January 2019, utilities, gasoline and diesel as a group showed a decrease in price of 1.9% compared to December 2018, and had an influence of -0.32 pts on the CPI, while the remaining 448 goods and services, as a group, experienced a decrease of 0.1% in price, causing an effect of -0.10 pts on the CPI.

Table 6 Effect on the CPI of January 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	-5.5	-0.30
Water	437.4	0.0	0.00
Diesel	21.8	-8.8	-0.02
Total group	1,710.8	-1.9	-0.32
Remaining goods and services	8,289.2	-0.1	-0.10
CPI	10,000.0	-0.4	-0.43

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 ≤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	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							
April	66.14	34.52	35.72	265.65	137.05	195.50	164.60							
May	70.31	34.52	35.72	265.65	137.05	202.50	172.00							
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	50.65	34.52	35.72	265.65	137.05	188.50	165.10

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 January 2019

The “Food & catering services” index showed an increase of 1.6% in January 2019, after an increase of 0.8% in December 2018. The index for “Food at home” showed an increase of 1.8% in January, as all eleven (11) “Food at home” indices increased in January 2019. The “Fruit” index registered the largest increase (4.5%) in January 2019. Furthermore, increases were posted in the indices for “Potatoes and other tubers” (2.6%), “Oils and fats” (2.3%), “Milk, cheese and eggs” (2.3%) and “Non-alcoholic beverages” (1.5%).

Over the last twelve (12) months, the “Food & catering services” has increased by 10.0%. The “Food at home” index showed an increase of 11.7%. The “Fruit” index increased by 27.5%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” increased by 1.1% in January 2019 and has increased by 4.6% over the last twelve (12) months.

In January 2019, “Food at home” and “Food away from home” as a group showed an increase in price of 1.6% compared to December 2018, and had an influence of 0.31 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.9%, causing an effect of -0.74 ppts on the CPI.

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

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,125.3	1.8	0.27
<i>Food away from home</i>	367.5	1.1	0.05
<i>Total group</i>	1,492.8	1.6	0.31
<i>Remaining goods and services</i>	8,507.2	-0.9	-0.74
<i>CPI</i>	10,000.0	-0.4	-0.43

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Indices			Percentage changes			Effect		
		Weight coefficient	Jan-18	Dec-18	Jan-19	Monthly Nov - Dec	Monthly Dec - Jan	End of period Jan 18 - Jan 19	Monthly Dec - Jan	End of period Jan 18 - Jan 19
Food & catering services		1,492.8	148.48	160.78	163.36	0.8	1.6	10.0	0.313	1.884
Food at home		1,125.3	151.26	165.96	168.88	1.0	1.8	11.7	0.267	1.682
<i>Bread and cereals</i>		205.2	134.95	143.11	145.02	-0.5	1.3	7.5	0.032	0.175
<i>Meat</i>		229.8	146.35	158.30	160.09	0.7	1.1	9.4	0.033	0.268
<i>Fish and other seafood</i>		56.4	137.00	144.70	146.06	-2.0	0.9	6.6	0.006	0.043
<i>Milk, cheese and eggs</i>		140.0	131.11	143.52	146.83	0.2	2.3	12.0	0.038	0.187
<i>Oils and fats</i>		31.6	164.94	176.94	180.06	0.3	1.8	9.2	0.008	0.040
<i>Fruit</i>		72.0	290.82	354.89	370.74	0.7	4.5	27.5	0.093	0.488
<i>Potatoes and other tubers</i>		18.5	126.63	151.50	155.41	-2.0	2.6	22.7	0.006	0.045
<i>Vegetables</i>		75.7	192.00	223.79	225.48	10.7	0.8	17.4	0.010	0.215
<i>Sugar, jam, honey and other confectionery</i>		49.6	110.18	113.99	114.49	-0.6	0.4	3.9	0.002	0.018
<i>Food products n.e.c.</i>		82.7	138.20	144.87	146.35	0.1	1.0	5.9	0.010	0.057
<i>Non-alcoholic beverages</i>		163.9	139.74	147.99	150.20	0.2	1.5	7.5	0.029	0.145
Food away from home		367.5	139.97	144.90	146.44	0.0	1.1	4.6	0.046	0.202

Source: Central Bureau of Statistics Aruba

APPENDIX 1
Monthly & Yearly Changes (%) in the Consumer Price Index for January 2019, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	2018	2018	2019	Monthly	Ytd	End of period	Period average
		Jan	Dec	Jan	Dec - Jan	Dec - Jan	Jan 18 - Jan 19	Jan 18 - Jan 19
Food and non-alcoholic beverages	1,125.3	151.26	165.96	168.88	1.8	1.8	11.7	8.3
Food	961.4	153.22	169.02	172.07	1.8	1.8	12.3	8.9
Non-alcoholic beverages	163.9	139.74	147.99	150.20	1.5	1.5	7.5	4.8
Alcoholic beverages and tobacco	81.9	151.51	159.60	162.71	2.0	2.0	7.4	4.7
Alcoholic beverages for consumption at home	59.3	124.99	131.47	135.32	2.9	2.9	8.3	3.9
Tobacco	22.6	221.05	233.36	234.53	0.5	0.5	6.1	5.8
Clothing and footwear	625.9	88.61	96.00	94.95	-1.1	-1.1	7.2	2.3
Clothing	550.4	90.31	98.24	97.08	-1.2	-1.2	7.5	2.4
Footwear	75.5	76.17	79.68	79.49	-0.2	-0.2	4.4	2.1
Housing	2,553.3	130.09	131.53	131.60	0.1	0.1	1.2	0.8
Actual rentals for housing	854.2	155.35	157.83	158.06	0.1	0.1	1.7	1.7
Maintenance and repair of the dwelling	444.6	109.09	111.76	111.76	0.0	0.0	2.5	0.3
Water supply and miscellaneous services relating to the dwelling	505.7	119.95	120.06	120.06	0.0	0.0	0.1	0.1
Electricity, gas and other fuels	748.8	120.59	121.00	121.00	0.0	0.0	0.3	0.3
Household operation	741.3	96.02	96.99	97.30	0.3	0.3	1.3	1.2
Furniture, furnishings, carpets and other floor coverings	142.1	58.30	54.30	54.32	0.0	0.0	-6.8	2.3
Household textiles	69.5	86.69	90.79	92.52	1.9	1.9	6.7	-4.0
Household appliances	111.3	64.40	62.41	62.80	0.6	0.6	-2.5	1.8
Glassware, tableware and household utensils	31.8	66.52	69.20	69.70	0.7	0.7	4.8	2.3
Tools and equipment for house and garden	40.0	72.75	75.76	75.91	0.2	0.2	4.3	3.4
Goods and services for routine household maintenance and cleaning	346.6	128.90	131.85	131.97	0.1	0.1	2.4	1.5
Health	235.8	96.04	105.91	105.66	-0.2	-0.2	10.0	7.4
Medical products, appliances and equipment	140.3	102.85	113.14	112.74	-0.4	-0.4	9.6	7.8
Out-patient services	57.2	82.85	96.42	96.42	0.0	0.0	16.4	9.6
Other health products and services	38.3	90.84	93.60	93.54	-0.1	-0.1	3.0	2.9
Transport	1,815.4	116.28	120.40	116.97	-2.8	-2.8	0.6	6.7
Purchase of vehicles	811.4	112.68	114.01	114.01	0.0	0.0	1.2	4.4
Operation of personal transport equipment	840.1	123.95	130.89	126.14	-3.6	-3.6	1.8	10.4
Transport services	163.8	94.77	98.29	84.67	-13.9	-13.9	-10.7	-4.1
Communications	706.3	89.77	101.17	101.17	0.0	0.0	12.7	4.3
Postal services	6.1	118.02	126.22	126.22	0.0	0.0	6.9	4.1
Telephone and telefax equipment	29.6	35.61	25.16	25.16	0.0	0.0	-29.3	-0.3
Telephone and telefax services	670.6	91.90	104.29	104.29	0.0	0.0	13.5	4.4
Recreation and culture	891.2	110.74	115.15	111.77	-2.9	-2.9	0.9	4.6
Audio-visual, photographic and information processing equipment	123.8	95.63	90.14	91.03	1.0	1.0	-4.8	18.7
Other major durables for recreation and culture	19.2	46.54	42.30	42.30	0.0	0.0	-9.1	1.4
Other recreational items and equipment; gardens and pets	260.1	134.07	136.24	136.53	0.2	0.2	1.8	-1.4
Recreational and cultural services	335.0	110.23	112.58	112.58	0.0	0.0	2.1	6.9
Newspapers, books and stationery	82.1	86.74	98.56	98.56	0.0	0.0	13.6	6.8
Holidays	71.0	99.20	132.50	87.37	-34.1	-34.1	-11.9	1.4
Education	83.0	129.16	130.08	130.08	0.0	0.0	0.7	1.4
Pre primary and primary education	30.4	109.07	109.07	109.07	0.0	0.0	0.0	0.0
Secondary education	25.2	119.45	121.90	121.90	0.0	0.0	2.0	1.2
Post-secondary non-tertiary education	4.6	129.44	129.44	129.44	0.0	0.0	0.0	0.0
Tertiary education	10.4	201.98	201.98	201.98	0.0	0.0	0.0	4.4
Education not definable by level	12.4	136.91	138.11	138.11	0.0	0.0	0.9	1.5
Restaurants and hotels	373.7	139.29	144.15	145.67	1.0	1.0	4.6	3.0
Catering services	367.5	139.97	144.90	146.44	1.1	1.1	4.6	3.0
Accommodation services	6.2	99.14	99.76	99.96	0.2	0.2	0.8	0.5
Miscellaneous goods and services	767.0	102.83	104.52	104.76	0.2	0.2	1.9	1.1
Personal care	262.0	118.28	120.37	120.77	0.3	0.3	2.1	0.5
Personal effects n.e.c.	67.3	110.09	117.89	117.82	-0.1	-0.1	7.0	8.2
Social protection	28.7	145.84	145.84	145.84	0.0	0.0	0.0	0.0
Insurance	289.1	85.46	85.46	85.46	0.0	0.0	0.0	0.0
Financial services n.e.c.	26.9	96.57	98.47	99.15	0.7	0.7	2.7	1.1
Other services n.e.c.	93.0	96.57	98.47	99.15	0.7	0.7	2.7	1.1
CPI	10,000	117.89	123.01	122.49	-0.4	-0.4	3.9	3.8

Source: Central Bureau of Statistics Aruba

APPENDIX 2

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

DESCRIPTION	WEIGHT coefficient	Monthly Dec - Jan	Ytd Dec - Jan	End of period Jan 18 - Jan 19	Period average Jan 18 - Jan 19
Food and non-alcoholic beverages	1,125.3	0.27	0.27	1.68	1.19
Food	961.4	0.24	0.24	1.54	1.10
Non-alcoholic beverages	163.9	0.03	0.03	0.15	0.09
Alcoholic beverages and tobacco	81.9	0.02	0.02	0.08	0.05
Alcoholic beverages for consumption at home	59.3	0.02	0.02	0.05	0.02
Tobacco	22.6	0.00	0.00	0.03	0.02
Clothing and footwear	625.9	-0.05	-0.05	0.34	0.11
Clothing	550.4	-0.05	-0.05	0.32	0.10
Footwear	75.5	0.00	0.00	0.02	0.01
Housing	2,553.3	0.02	0.02	0.33	0.23
Actual rentals for housing	854.2	0.02	0.02	0.20	0.20
Maintenance and repair of the dwelling	444.6	0.00	0.00	0.10	0.01
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	0.03	0.02
Household operation	741.3	0.02	0.02	0.08	0.07
Furniture, furnishings, carpets and other floor coverings	142.1	0.00	0.00	-0.05	0.02
Household textiles	69.5	0.01	0.01	0.03	-0.02
Household appliances	111.3	0.00	0.00	-0.02	0.01
Glassware, tableware and household utensils	31.8	0.00	0.00	0.01	0.00
Tools and equipment for house and garden	40.0	0.00	0.00	0.01	0.01
Goods and services for routine household maintenance and cleaning	346.6	0.00	0.00	0.09	0.06
Health	235.8	0.00	0.00	0.19	0.14
Medical products, appliances and equipment	140.3	0.00	0.00	0.12	0.10
Out-patient services	57.2	0.00	0.00	0.07	0.04
Other health products and services	38.3	0.00	0.00	0.01	0.01
Transport	1,815.4	-0.51	-0.51	0.11	1.17
Purchase of vehicles	811.4	0.00	0.00	0.09	0.33
Operation of personal transport equipment	840.1	-0.32	-0.32	0.16	0.90
Transport services	163.8	-0.18	-0.18	-0.14	-0.06
Communications	706.3	0.00	0.00	0.68	0.23
Postal services	6.1	0.00	0.00	0.00	0.00
Telephone and telefax equipment	29.6	0.00	0.00	-0.03	0.00
Telephone and telefax services	670.6	0.00	0.00	0.70	0.23
Recreation and culture	891.2	-0.25	-0.25	0.08	0.38
Audio-visual, photographic and information processing equipment	123.8	0.01	0.01	-0.05	0.17
Other major durables for recreation and culture	19.2	0.00	0.00	-0.01	0.00
Other recreational items and equipment; gardens and pets	260.1	0.01	0.01	0.05	-0.04
Recreational and cultural services	335.0	0.00	0.00	0.07	0.21
Newspapers, books and stationery	82.1	0.00	0.00	0.08	0.04
Holidays	71.0	-0.26	-0.26	-0.07	0.01
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	0.01
Education not definable by level	12.4	0.00	0.00	0.00	0.00
Restaurants and hotels	373.7	0.05	0.05	0.20	0.13
Catering services	367.5	0.05	0.05	0.20	0.13
Accommodation services	6.2	0.00	0.00	0.00	0.00
Miscellaneous goods and services	767.0	0.01	0.01	0.13	0.08
Personal care	262.0	0.01	0.01	0.06	0.01
Personal effects n.e.c.	67.3	0.00	0.00	0.04	0.05
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	0.01	0.00
Other services n.e.c.	93.0	0.01	0.01	0.02	0.01
CPI	10,000	-0.43	-0.43	3.90	3.81

Source: Central Bureau of Statistics Aruba

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

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly	End of period	Monthly	End of period
		Dec - Jan	Jan 18 - Jan 19	Dec - Jan	Jan 18 - Jan 19
Food & catering services	1,492.8	1.6	10.0	0.313	1.884
Food at home	1,125.3	1.8	11.7	0.267	1.682
Bread and cereals	205.2	1.3	7.5	0.032	0.175
Rice	18.8	0.3	13.0	0.001	0.031
Bread	98.1	0.8	6.5	0.009	0.076
Pasta products	7.6	0.6	4.3	0.000	0.003
Other cereals and cereal products	80.7	2.5	7.5	0.022	0.065
Meat	229.8	1.1	9.4	0.033	0.268
Bovine	44.7	1.1	5.9	0.006	0.032
Swine	28.1	1.9	5.7	0.006	0.019
Poultry	59.5	0.4	16.9	0.004	0.136
Other meat and meat preparations	97.5	1.5	6.8	0.017	0.081
Fish and other seafood	56.4	0.9	6.6	0.006	0.043
Fish and seafood preparations	56.4	0.9	6.6	0.006	0.043
Milk, cheese and eggs	140.0	2.3	12.0	0.038	0.187
Milk	58.8	-0.2	11.4	-0.002	0.086
Cheese	46.9	2.9	9.6	0.016	0.050
Eggs	14.3	17.8	32.1	0.021	0.036
Other milk products	19.9	1.4	8.9	0.002	0.015
Oils and fats	31.6	1.8	9.2	0.008	0.040
Butter and margarine	9.9	1.0	7.1	0.001	0.011
Corn oil	9.4	2.4	11.6	0.004	0.016
Other oils and fats	12.3	2.0	8.9	0.003	0.013
Fruit	72.0	4.5	27.5	0.093	0.488
Oranges, lemons and mandarins	11.1	-2.1	4.4	-0.003	0.007
Bananas and plantains	13.8	-1.5	31.2	-0.004	0.074
Apples and pears	11.2	3.5	7.7	0.007	0.016
Grapes	6.0	3.5	-2.5	0.004	-0.003
Melons and watermelons	6.7	5.9	42.1	0.025	0.138
Nuts	6.9	-0.1	6.1	0.000	0.004
Other fruits and fruit products	16.4	7.8	37.3	0.065	0.253
Potatoes and other tubers	18.5	2.6	22.7	0.006	0.045
Potatoes	11.2	3.3	30.5	0.006	0.043
Sweet potatoes and yucca	2.5	-0.4	11.7	0.000	0.002
Other tubers	4.8	1.0	1.3	0.000	0.001
Vegetables	75.7	0.8	17.4	0.010	0.215
Lettuce	6.7	-11.7	68.7	-0.009	0.029
Celery and broccoli	6.3	-1.6	13.5	-0.003	0.023
Tomatoes & peppers	15.5	3.5	22.1	0.008	0.046
Onions	7.8	-0.8	17.3	-0.003	0.050
Frozen vegetable mixtures	6.7	2.6	9.0	0.002	0.007
Other vegetables	12.7	5.7	27.8	0.009	0.038
Other preserved or processed vegetables	20.0	1.9	7.1	0.006	0.022
Sugar, jam, honey and other confectionery	49.6	0.4	3.9	0.002	0.018
Sugar	14.4	0.4	6.0	0.001	0.008
Jams and jellies	2.8	1.0	5.0	0.000	0.002
Other confectionery products	32.4	0.4	2.9	0.001	0.009
Food products n.e.c.	82.7	1.0	5.9	0.010	0.057
Other food products	82.7	1.0	5.9	0.010	0.057
Non-alcoholic beverages	163.9	1.5	7.5	0.029	0.145
Coffee and tea	30.1	1.7	11.9	0.005	0.034
Soft and sports drinks	49.7	1.5	5.9	0.009	0.034
Fruit juices	61.0	1.4	6.4	0.012	0.051
Other non-alcoholic beverages	23.1	1.3	9.4	0.004	0.026
Food away from home	367.5	1.1	4.6	0.046	0.202
Food and beverage consumption away from home	367.5	1.1	4.6	0.046	0.202
Other goods and services	8,507.2	-0.9	2.5	-0.739	2.015
Other goods	5,147.2	-0.7	2.3	-0.321	1.084
Other services	3,360.0	-1.3	2.8	-0.419	0.931
CPI	10,000	-0.4	3.9	-0.426	3.899

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMENTENPRIJSINDEXCIJFER

					JAAR: 2019				JAAR: 2018			
	Basis	Basis	Basis	Basis	Stijging	Stijging	Stijging	Stijging	Stijging	Stijging	Stijging	Stijging
	Dec-06	Dec-06	Dec-06	Dec-06	per	vanaf	laatste	gemidd	per	vanaf	laatste	gemidd
	=100.0	=100.0	=100.0	=100.0	maand	1-Jan	12 mnd	24 mnd	maand	1-Jan	12 mnd	24 mnd
	<u>Jan.'18</u>	<u>Dec.'17</u>	<u>Jan.'19</u>	<u>Dec.'18</u>								
Totale Bevolking	117.89	117.63	122.49	123.01	-0.4	-0.4	3.9	3.6	0.2	0.2	1.1	-0.4
Lagere Inkomens	121.83	121.38	127.38	127.60	-0.2	-0.2	4.6		0.4	0.4	1.0	
Hogere Inkomens	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>								
Totale Bevolking	118.79	117.89							0.8	1.0	1.9	-0.2
Lagere Inkomens	122.99	121.83							0.9	1.3	2.0	
Hogere Inkomens	116.71	115.93							0.7	0.8	1.8	
	<u>Mar.'18</u>	<u>Feb.'18</u>	<u>Mar.'19</u>	<u>Feb.'19</u>								
Totale Bevolking	119.44	118.79							0.5	1.5	2.6	0.04
Lagere Inkomens	123.57	122.99							0.5	1.8	2.6	
Hogere Inkomens	117.39	116.71							0.6	1.4	2.5	
	<u>Apr.'18</u>	<u>Mar.'18</u>	<u>Apr.'19</u>	<u>Mar.'19</u>								
Totale Bevolking	119.48	119.44							0.0	1.6	2.6	0.3
Lagere Inkomens	123.81	123.57							0.2	2.0	2.8	
Hogere Inkomens	117.34	117.39							0.0	1.4	2.5	
	<u>May'18</u>	<u>Apr.'18</u>	<u>May'19</u>	<u>Apr.'19</u>								
Totale Bevolking	119.85	119.48							0.3	1.9	2.5	0.5
Lagere Inkomens	124.18	123.81							0.3	2.3	2.8	
Hogere Inkomens	117.70	117.34							0.3	1.7	2.4	
	<u>Jun'18</u>	<u>May'18</u>	<u>Jun'19</u>	<u>May'19</u>								
Totale Bevolking	120.69	119.85							0.7	2.6	3.4	0.8
Lagere Inkomens	124.72	124.18							0.4	2.8	3.5	
Hogere Inkomens	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>								
Totale Bevolking	122.47	120.69							1.5	4.1	5.1	1.3
Lagere Inkomens	126.44	124.72							1.4	4.2	5.0	
Hogere Inkomens	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>								
Totale Bevolking	122.16	122.47							-0.2	3.9	5.0	1.8
Lagere Inkomens	126.44	126.44							0.0	4.2	5.1	
Hogere Inkomens	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>								
Totale Bevolking	122.14	122.16							-0.02	3.8	4.9	2.3
Lagere Inkomens	126.40	126.44							-0.03	4.1	5.0	
Hogere Inkomens	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>								
Totale Bevolking	122.02	122.14							-0.1	3.7	4.2	2.7
Lagere Inkomens	126.55	126.40							0.1	4.3	4.5	
Hogere Inkomens	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>								
Totale Bevolking	122.62	122.02							0.5	4.2	5.1	3.2
Lagere Inkomens	127.17	126.55							0.5	4.8	5.3	
Hogere Inkomens	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>								
Totale Bevolking	123.01	122.62							0.3	4.6	4.6	3.6
Lagere Inkomens	127.60	127.17							0.3	5.1	5.1	
Hogere Inkomens	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									
March-19									
April-19									
May-19									
June-19									
July-19									
August-19									
September-19									
October-19									
November-19									
December-19									
Average 2019	50.65	34.52	35.72	45.93	12.50	265.65	137.05	188.50	165.10

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