

Consumer Price Index, base period June 2019

November 2019

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

Consumer Price Index for the month of November 2019

The CPI for November 2019 is 100.53, a slight increase of 0.04% compared to the index of October 2019 (100.49) and accumulating an increase of 4.0% up to and including November of 2019.

The percentage change of the CPI over the last twelve (12) months (November 2018 to November 2019) is 4.8, an increase of 0.4 ppts compared to the percentage change for the same period of last year (4.4%). The period average percentage change of the CPI for the period November 2018 - November 2019 is 4.2%, an increase of 1.0 ppt compared to the period average percentage change over the period November 2017 - November 2018 (3.2%).

During this month, six (6) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Recreation and culture" (4.0%), "Restaurants and hotels" (0.8%) and "Clothing and footwear" (1.7%) sectors, which contributed with an effect of 0.35, 0.04 and 0.04 ppts, respectively. The increases in the remaining sectors had an effect of 0.02 ppts on the CPI of November 2019.

Aforementioned increases were partially offset mainly by decreases in the indices for the "Housing" (-0.7%) and "Food and non-alcoholic beverages" (-0.7%) sectors, causing an effect of -0.18 and -0.12 ppts, respectively. The decreases in the remaining sectors had an effect of -0.09 ppts on the CPI of November 2019.

The increase in the "Recreation and culture" sector was mainly due to an increase in the category "Holidays" (15.5%), which contributed to an effect of 0.33 ppts. The increase in the "Restaurants and hotels" sector was mainly caused by an increase of 0.7% in the category "Catering services", which contributed to an effect of 0.04 ppts. The increase in the "Clothing and footwear" sector was mainly due to an increase in the category "Clothing" (1.8%), which contributed to an effect of 0.03 ppts.

The decrease in the "Housing" sector was mainly due to a decrease in the category "Maintenance and repair of the dwelling" (-4.1%), which contributed to an effect of -0.19 ppts. The decrease in the "Food and non-alcoholic beverages" sector was mainly caused by a decrease of 0.8% in the category "Food", which contributed to an effect of -0.12 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to October 2019, 39.2% of these products had an increase in price, causing an effect of 0.92 ppts, while 37.3% showed a decrease, contributing to an effect of -0.87 ppts and the remaining 23.5% had no change in price. The prices of goods decreased by 0.4% and caused an influence of -0.22 ppts. The prices of services showed an increase of 0.7% and had an influence of 0.26 ppts on the CPI of November 2019.

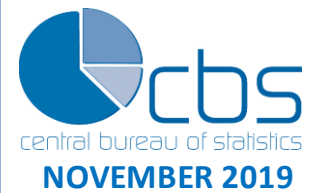
Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 3.2% in November 2019. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -0.2%. The food index showed an increase of 13.1%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in November 2019 is Afl. 4,987, an increase of Afl. 309 compared to November 2018 (Afl. 4,678). The subsistence level for a single adult household is Afl. 2,375, an increase of Afl. 147 compared to November 2018 (Afl. 2,228).

January 17, 2020



CPI	(BASE JUN 2019 = 100)
Index	↑ 100.53
Monthly	↑ 0.04
Year-to-date	↑ 4.0
End of period	↑ 4.8
Period average	↑ 4.2
Goods	↓ -0.4
Services	↑ 0.7

CPIC	
CPIC	↑ 3.2
Energy	↓ -0.2
Food	↑ 13.1

SUBSISTENCE LEVEL	in AFL.
1 adult	↓ 2,375
2 adults + 2 children	↓ 4,987

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

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19
<i>Index</i>	95.97	96.67	96.25	96.66	98.00	98.83	99.19	100.00	100.06	99.80	100.00	100.49	100.53
<i>Monthly</i>	0.31	0.7	-0.4	0.4	1.4	0.8	0.4	0.8	0.1	-0.3	0.2	0.5	0.04
<i>Year-to-date</i>	3.7	4.5	-0.4	0.0	1.4	2.2	2.6	3.4	3.5	3.2	3.4	3.9	4.0
<i>End of period</i>	4.4	4.5	3.6	3.0	3.5	4.5	4.5	4.8	3.7	4.0	4.4	5.0	4.8
<i>Period average</i>	3.2	3.6	3.8	3.9	3.9	4.1	4.2	4.3	4.2	4.1	4.1	4.2	4.2
<i>Goods</i>	0.4	-0.2	0.2	0.3	2.3	0.5	1.3	0.7	-0.3	0.1	0.1	0.0	-0.4
<i>Services</i>	0.2	2.1	-1.3	0.5	0.1	1.3	-1.0	1.0	0.6	-0.7	0.4	1.2	0.7
<i>CPIC</i>	<i>n.a.</i>	1.9	2.0	2.2	2.3	2.5	2.8	3.0	2.9	2.9	2.9	3.1	3.2
<i>Energy</i>	<i>n.a.</i>	3.8	3.7	3.4	3.3	3.1	2.9	2.5	1.9	1.4	0.8	0.3	-0.2
<i>Food</i>	<i>n.a.</i>	11.4	12.4	12.1	12.1	12.0	11.9	12.0	12.1	12.4	12.7	13.1	13.1
<i>1 adult</i>	2,228	2,244	2,255	2,264	2,317	2,338	2,361	2,384	2,379	2,372	2,377	2,382	2,375
<i>2 adults + 2 children</i>	4,678	4,712	4,735	4,754	4,867	4,909	4,957	5,005	4,997	4,981	4,992	5,002	4,987

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

<i>Sector</i>	Weight coefficient	Effect Oct - Nov	Percentage changes			
			Monthly Oct - Nov	Year-to-date Dec - Nov	End of period Nov 18 - Nov 19	Period average Nov 18 - Nov 19
<i>CPI</i>	10,000.0	0.04	0.04	4.0	4.8	4.2
<i>01. Food and non-alcoholic beverages</i>	1,087.7	-0.12	-0.7	10.7	12.3	13.1
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.3	15.0	14.7	13.9
<i>03. Clothing and footwear</i>	276.8	0.04	1.7	9.2	6.8	5.1
<i>04. Housing</i>	2,522.2	-0.18	-0.7	0.7	0.8	1.2
<i>05. Household operation</i>	929.2	-0.02	-0.3	1.4	0.1	-0.1
<i>06. Health</i>	223.1	0.01	0.6	-0.6	-0.9	3.6
<i>07. Transport</i>	1,257.4	-0.06	-0.5	1.7	-1.0	1.1
<i>08. Communications</i>	849.6	0.00	0.1	-0.1	8.0	9.8
<i>09. Recreation and culture</i>	1,013.3	0.35	4.0	10.2	16.6	2.7
<i>10. Education</i>	98.0	0.00	0.0	0.0	0.0	0.3
<i>11. Restaurants and hotels</i>	442.0	0.04	0.8	3.3	3.3	3.8
<i>12. Miscellaneous goods and services</i>	1,222.6	-0.01	-0.1	3.8	3.5	2.9

Source: Central Bureau of Statistics Aruba

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

<i>Category</i>	Monthly change	Effect
<i>Holidays</i>	15.5	0.33
<i>Audio-visual, photographic and information processing equipment</i>	14.3	0.04
<i>Catering services</i>	0.7	0.04
<i>Clothing</i>	1.8	0.03

Source: Central Bureau of Statistics Aruba

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

<i>Category</i>	Monthly change	Effect
<i>Maintenance and repair of the dwelling</i>	-4.1	-0.19
<i>Food</i>	-0.8	-0.12
<i>Transport services</i>	-10.0	-0.05
<i>Other recreational items and equipment; gardens and pets</i>	-1.1	-0.04

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In November 2019 the average price per barrel of crude oil (US\$ 56.74) had an increase of US\$ 2.97 (5.5%) compared to October 2019 (US\$ 53.77).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in November 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 November 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 November 2019, it stayed at Afl. 45.93 cents per kWh. The prices of electricity and water did not change compared to October 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 November 2019 the price of gasoline registered a decrease of Afl. 1.80 cents (-0.9%) and had an effect of -0.04 ppts on the CPI. The price of diesel registered a decrease of Afl. 0.70 cents (-0.4%) and had an insignificant effect on the CPI of November 2019.

In November 2019, utilities, gasoline and diesel as a group showed a decrease in price of 0.3% compared to October 2019, and had an influence of -0.04 ppts on the CPI, while the remaining 404 goods and services, as a group, experienced an increase of 0.1% in price, causing an effect of 0.09 ppts on the CPI.

Table 6 Effect on the CPI of November 2019 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly change	Effect
Electricity	810.2	0.0	0.00
Gasoline	430.5	-0.9	-0.04
Water	367.3	0.0	0.00
Diesel	30.2	-0.4	0.00
Total group	1,638.1	-0.3	-0.04
Remaining goods and services	8,361.9	0.1	0.09
CPI	10,000.0	0.04	0.04

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	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	54.66	34.52	35.72	265.65	137.05	209.50	183.70
July	71.16	34.52	35.72	265.65	137.05	214.80	184.70	57.28	34.52	35.72	265.65	137.05	208.00	174.20
August	68.25	34.52	35.72	265.65	137.05	217.10	184.60	55.17	34.52	35.72	265.65	137.05	215.10	177.20
September	70.15	34.52	35.72	265.65	137.05	215.90	185.00	57.03	34.52	35.72	265.65	137.05	204.50	172.80
October	71.44	34.52	35.72	265.65	137.05	216.40	190.10	53.77	34.52	35.72	265.65	137.05	205.10	178.40
November	57.91	34.52	35.72	265.65	137.05	214.60	194.20	56.74	34.52	35.72	265.65	137.05	203.30	177.70
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	56.58	34.52	35.72	265.65	137.05	202.57	176.61

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 November 2019

The “Food & catering services” index showed a decrease of 0.4% in November 2019, after a decrease of 0.3% in October 2019. The index for “Food at home” showed a decrease of 0.7% in November, as six (6) of the eleven (11) “Food at home” indices decreased in November 2019. The “Fruit” index registered the largest decrease (-3.0%) in November 2019. Furthermore, decreases were posted in the indices for “Bread and cereals” (-1.3%), “Potatoes and other tubers” (-0.8) and “Food products n.e.c.” (-0.6%).

The “Vegetables” (2.4%) index registered the largest increase in November 2019. Other increases were registered for the indices of “Milk, cheese and eggs” (0.7%), “Oils and fats” (0.3%) and “Sugar, jam, honey and other confectionery” (0.2%).

Over the last twelve (12) months, the “Food & catering services” has increased by 10.2%. The “Food at home” index showed an increase of 12.3%. The “Fruit” index increased by 33.6%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” registered an increase of 0.7% in November 2019 and has increased by 3.6% over the last twelve (12) months.

In November 2019, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.4% compared to October 2019, and had an influence of -0.09 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.2%, causing an effect of 0.13 ppts on the CPI.

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

Category	Weight	Monthly change	Effect
Food at home	1,087.7	-0.7	-0.12
Food away from home	429.8	0.7	0.04
Total group	1,517.5	-0.4	-0.09
Remaining goods and services	8,482.5	0.2	0.13
CPI	10,000.0	0.04	0.04

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Percentage changes			Effect					
		Weight coefficient	Nov-18	Oct-19	Nov-19	Monthly Sep - Oct	Monthly Oct - Nov	End of period Nov 18 - Nov 19	Monthly Oct - Nov	End of period Nov 18 - Nov 19
Food & catering services		1,517.5	133.66	147.83	147.25	-0.3	-0.4	10.2	-0.088	2.149
Food at home		1,087.7	140.97	159.45	158.30	-0.4	-0.7	12.3	-0.125	1.964
Bread and cereals		178.1	116.74	121.41	119.87	0.3	-1.3	2.7	-0.027	0.058
Meat		242.5	121.04	125.99	125.88	-0.2	-0.1	4.0	-0.003	0.123
Fish and other seafood		49.0	108.82	113.81	113.84	1.7	0.0	4.6	0.000	0.026
Milk, cheese and eggs		135.3	120.27	127.17	128.09	0.1	0.7	6.5	0.012	0.110
Oils and fats		32.2	137.59	151.49	151.92	-0.8	0.3	10.4	0.001	0.048
Fruit		97.6	339.89	468.10	454.10	-1.1	-3.0	33.6	-0.136	1.161
Potatoes and other tubers		18.2	126.63	142.79	141.59	1.7	-0.8	11.8	-0.002	0.028
Vegetables		89.1	164.84	179.79	184.06	-3.4	2.4	11.7	0.038	0.179
Sugar, jam, honey and other confectionery		42.0	94.04	100.37	100.60	0.8	0.2	7.0	0.001	0.029
Food products n.e.c.		80.1	106.59	116.74	116.04	0.5	-0.6	8.9	-0.006	0.079
Non-alcoholic beverages		123.6	117.38	127.25	126.97	0.7	-0.2	8.2	-0.004	0.014
Food away from home		429.8	115.14	118.43	119.28	0.3	0.7	3.6	0.036	0.185
Other goods and services		8,482.5	89.22	92.01	92.17	0.7	0.2	3.3	0.133	2.608
Other goods		4,735.8	88.57	90.38	90.18	0.2	-0.2	1.8	-0.095	0.795
Other services		3,746.7	90.05	94.08	94.69	1.3	0.6	5.2	0.228	1.813
CPI		10,000.0	95.97	100.49	100.53	0.5	0.04	4.8	0.044	4.757

Source: Central Bureau of Statistics Aruba

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for November 2019, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2018	2018	2019	2019	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 18 - Nov 19
		Nov	Dec	Oct	Nov			
Food and non-alcoholic beverages	1,087.7	140.97	143.00	159.45	158.30	-0.7	10.7	12.3
Food	964.1	144.00	146.27	163.58	162.31	-0.8	11.0	12.7
Non-alcoholic beverages	123.6	117.38	117.49	127.25	126.97	-0.2	8.1	8.2
Alcoholic beverages and tobacco	78.2	116.14	115.87	132.90	133.26	0.3	15.0	14.7
Alcoholic beverages for consumption at home	62.2	96.73	96.42	114.71	115.15	0.4	19.4	19.0
Tobacco	16.0	191.55	191.41	203.61	203.62	0.0	6.4	6.3
Clothing and footwear	276.8	78.18	76.46	82.11	83.50	1.7	9.2	6.8
Clothing	212.8	81.76	79.88	86.12	87.65	1.8	9.7	7.2
Footwear	64.0	66.26	65.09	68.77	69.71	1.4	7.1	5.2
Housing	2,522.2	101.74	101.94	103.33	102.60	-0.7	0.7	0.8
Actual rentals for housing	666.7	125.23	125.41	126.97	127.13	0.1	1.4	1.5
Imputed rentals for housing	34.4	104.38	104.51	105.29	105.29	0.0	0.7	0.9
Maintenance and repair of the dwelling	517.0	86.10	86.82	91.58	87.80	-4.1	1.1	2.0
Water supply and miscellaneous services relating to the dwelling	463.6	95.30	95.30	95.30	95.30	0.0	0.0	0.0
Electricity, gas and other fuels	840.4	96.16	96.16	96.16	96.16	0.0	0.0	0.0
Household operation	929.2	75.87	74.94	76.20	75.97	-0.3	1.4	0.1
Furniture, furnishings, carpets and other floor coverings	128.8	44.78	43.47	41.56	38.89	-6.4	-10.6	-13.1
Household textiles	58.6	63.03	65.15	59.45	61.05	2.7	-6.3	-3.1
Household appliances	246.0	52.05	49.35	54.19	54.08	-0.2	9.6	3.9
Glassware, tableware and household utensils	17.2	62.77	59.81	65.55	63.53	-3.1	6.2	1.2
Tools and equipment for house and garden	58.2	50.84	51.02	48.12	49.96	3.8	-2.1	-1.7
Goods and services for routine household maintenance and cleaning	420.5	105.11	104.84	106.35	106.33	0.0	1.4	1.2
Health	223.1	85.61	85.40	84.33	84.87	0.6	-0.6	-0.9
Medical products, appliances and equipment	152.3	89.54	89.37	88.01	89.18	1.3	-0.2	-0.4
Out-patient services	52.4	77.72	77.72	77.72	77.72	0.0	0.0	0.0
Other treatments	7.8	75.48	74.38	76.07	76.07	0.0	2.3	0.8
Health products and services n.e.c.	10.5	75.48	74.38	70.07	64.67	-7.7	-13.1	-14.3
Transport	1,257.4	100.15	97.47	99.64	99.15	-0.5	1.7	-1.0
Purchase of vehicles	442.6	90.24	90.24	90.24	90.32	0.1	0.1	0.1
Operation of personal transport equipment	763.3	107.92	103.17	104.83	104.68	-0.1	1.5	-3.0
Transport services	51.5	70.23	75.09	103.43	93.05	-10.0	23.9	32.5
Communications	849.6	72.15	77.94	77.84	77.89	0.1	-0.1	8.0
Telephone and telefax equipment	43.8	20.73	17.07	15.10	16.17	7.1	-5.3	-22.0
Telephone and telefax services	805.8	74.95	81.25	81.25	81.25	0.0	0.0	8.4
Recreation and culture	1,013.3	77.30	81.77	86.67	90.13	4.0	10.2	16.6
Audio-visual, photographic and information processing equipment	58.5	64.01	58.47	50.52	57.75	14.3	-1.2	-9.8
Other major durables for recreation and culture	20.0	37.23	33.19	42.48	42.48	0.0	28.0	14.1
Other recreational items and equipment; gardens and pets	266.6	113.61	114.53	121.47	120.12	-1.1	4.9	5.7
Recreational and cultural services	309.1	89.04	89.04	87.97	88.52	0.6	-0.6	-0.6
Newspapers, books and stationery	43.7	75.38	75.38	76.23	76.23	0.0	1.1	1.1
Holidays	315.4	40.39	55.25	66.95	77.32	15.5	39.9	91.4
Education	98.0	109.30	109.30	109.30	109.30	0.0	0.0	0.0
Pre primary and primary education	24.0	86.66	86.66	86.66	86.66	0.0	0.0	0.0
Secondary education	43.4	94.62	94.62	94.62	94.62	0.0	0.0	0.0
Post-secondary non-tertiary education	4.6	102.85	102.85	102.85	102.85	0.0	0.0	0.0
Tertiary education	23.6	160.49	160.49	160.49	160.49	0.0	0.0	0.0
Education not definable by level	2.5	109.74	109.74	109.74	109.74	0.0	0.0	0.0
Restaurants and hotels	442.0	114.15	114.15	116.97	117.89	0.8	3.3	3.3
Catering services	429.8	115.14	115.14	118.43	119.28	0.7	3.6	3.6
Accommodation services	12.2	79.27	79.27	65.35	69.05	5.7	-12.9	-12.9
Miscellaneous goods and services	1,222.6	83.98	83.74	87.03	86.94	-0.1	3.8	3.5
Personal care	427.1	98.49	98.30	101.47	101.00	-0.5	2.7	2.6
Personal effects n.e.c.	106.6	88.84	86.74	111.84	112.63	0.7	29.8	26.8
Social protection	78.2	115.39	115.39	115.39	115.39	0.0	0.0	0.0
Insurance	610.7	68.97	68.97	68.97	68.97	0.0	0.0	0.0
CPI	10,000.0	95.97	96.67	100.49	100.53	0.04	4.0	4.8

Source: Central Bureau of Statistics Aruba

APPENDIX 2

Effect on the Consumer Price Index per sector and category for November 2019 (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 18 - Nov 19	Period average Nov 18 - Nov 19
Food and non-alcoholic beverages	1,087.7	-0.12	1.72	1.96	2.06
Food	964.1	-0.12	1.60	1.84	1.94
Non-alcoholic beverages	123.6	0.00	0.12	0.12	0.13
Alcoholic beverages and tobacco	78.2	0.00	0.14	0.14	0.13
Alcoholic beverages for consumption at home	62.2	0.003	0.12	0.12	0.11
Tobacco	16.0	0.000	0.02	0.02	0.02
Clothing and footwear	276.8	0.04	0.20	0.15	0.11
Clothing	212.8	0.03	0.17	0.13	0.11
Footwear	64.0	0.01	0.03	0.02	0.00
Housing	2,522.2	-0.18	0.17	0.23	0.32
Actual rentals for housing	666.7	0.01	0.12	0.13	0.15
Imputed rentals for housing	34.4	0.00	0.00	0.00	0.00
Maintenance and repair of the dwelling	517.0	-0.19	0.05	0.09	0.16
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.00	0.00
Electricity, gas and other fuels	840.4	0.00	0.00	0.00	0.01
Household operation	929.2	-0.02	0.10	0.01	-0.01
Furniture, furnishings, carpets and other floor coverings	128.8	-0.03	-0.06	-0.08	-0.03
Household textiles	58.6	0.01	-0.02	-0.01	0.00
Household appliances	246.0	0.00	0.12	0.05	-0.07
Glassware, tableware and household utensils	17.2	0.00	0.01	0.00	0.01
Tools and equipment for house and garden	58.2	0.01	-0.01	-0.01	0.00
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.06	0.05	0.09
Health	223.1	0.01	-0.01	-0.02	0.07
Medical products, appliances and equipment	152.3	0.02	0.00	-0.01	0.04
Out-patient services	52.4	0.00	0.00	0.00	0.03
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	-0.01	-0.01	-0.01	0.00
Transport	1,257.4	-0.06	0.22	-0.13	0.14
Purchase of vehicles	442.6	0.00	0.00	0.00	0.03
Operation of personal transport equipment	763.3	-0.01	0.12	-0.26	0.06
Transport services	51.5	-0.05	0.10	0.12	0.04
Communications	849.6	0.00	0.00	0.51	0.62
Telephone and telefax equipment	43.8	0.00	0.00	-0.02	-0.02
Telephone and telefax services	805.8	0.00	0.00	0.53	0.65
Recreation and culture	1,013.3	0.35	0.88	1.35	0.23
Audio-visual, photographic and information processing equipment	58.5	0.04	0.00	-0.04	-0.06
Other major durables for recreation and culture	20.0	0.00	0.02	0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.04	0.15	0.18	0.11
Recreational and cultural services	309.1	0.02	-0.02	-0.02	0.06
Newspapers, books and stationery	43.7	0.00	0.00	0.00	0.03
Holidays	315.4	0.33	0.72	1.21	0.09
Education	98.0	0.00	0.00	0.00	0.00
Pre primary and primary education	24.0	0.00	0.00	0.00	0.00
Secondary education	43.4	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	23.6	0.00	0.00	0.00	0.00
Education not definable by level	2.5	0.00	0.00	0.00	0.00
Restaurants and hotels	442.0	0.04	0.17	0.17	0.20
Catering services	429.8	0.04	0.18	0.19	0.20
Accommodation services	12.2	0.00	-0.01	-0.01	0.00
Miscellaneous goods and services	1,222.6	-0.01	0.40	0.38	0.31
Personal care	427.1	-0.02	0.12	0.11	0.14
Personal effects n.e.c.	106.6	0.01	0.29	0.26	0.17
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.00	0.00	0.00
CPI	10,000.0	0.04	3.99	4.76	4.20

Source: Central Bureau of Statistics Aruba

APPENDIX 3

Monthly & Yearly Changes (%) and effect in the Food & catering services for November 2019, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Oct - Nov	End of period Nov 18 - Nov 19	Monthly Oct - Nov	End of period Nov 18 - Nov 19
Food & catering services	1,517.5	-0.4	10.2	-0.088	2.149
Food at home	1,087.7	-0.7	12.3	-0.125	1.964
Bread and cereals	178.1	-1.3	2.7	-0.027	0.058
Rice	23.5	-0.1	2.4	0.000	0.008
Bread	72.1	-2.9	3.2	-0.028	0.031
Pasta products	9.2	-0.4	7.1	0.000	0.007
Other cereals and cereal products	73.3	0.2	1.6	0.001	0.013
Meat	242.5	-0.1	4.0	-0.003	0.123
Bovine	67.3	1.4	2.5	0.012	0.021
Swine	25.5	-1.4	3.1	-0.004	0.010
Poultry	75.7	-1.8	-0.1	-0.018	-0.002
Other meat and meat preparations	74.0	0.9	10.6	0.008	0.094
Fish and other seafood	49.0	0.0	4.6	0.000	0.026
Fish and seafood preparations	49.0	0.0	4.6	0.000	0.026
Milk, cheese and eggs	135.3	0.7	6.5	0.012	0.110
Cheese	55.4	0.8	5.9	0.006	0.046
Eggs	16.6	3.5	19.4	0.006	0.028
Milk	40.0	0.0	4.1	0.000	0.023
Other milk products	23.3	0.4	6.6	0.001	0.013
Oils and fats	32.2	0.3	10.4	0.001	0.048
Corn oil	2.8	-0.3	6.0	0.000	0.003
Butter and margarine	9.2	0.6	10.7	0.001	0.016
Other oils and fats	20.1	0.2	11.0	0.001	0.030
Fruit	97.6	-3.0	33.6	-0.136	1.161
Oranges	9.4	5.3	-9.3	0.006	-0.013
Bananas and plantains	19.9	-1.0	-1.6	-0.004	-0.007
Apples	9.3	-1.5	-1.3	-0.003	-0.002
Avocado	5.0	-5.4	39.0	-0.045	0.228
Grapes	9.2	0.6	11.1	0.001	0.019
Nuts	11.9	0.7	12.6	0.001	0.013
Lemons and mandarins	6.0	-0.3	-1.0	0.000	-0.001
Cherries and strawberries	8.8	-5.4	59.4	-0.060	0.408
Melons and watermelons	7.7	0.5	68.3	0.004	0.334
Papayas and pineapples	6.9	-4.9	24.3	-0.029	0.117
Other fruits and fruit products	3.5	-3.8	54.5	-0.007	0.066
Potatoes and other tubers	18.2	-0.8	11.8	-0.002	0.028
Potatoes	12.2	-1.0	9.6	-0.002	0.018
Other tubers	2.0	0.4	17.5	0.000	0.003
Sweet potatoes and yucca	4.0	-0.7	23.5	0.000	0.007
Vegetables	89.1	2.4	11.7	0.038	0.179
Lettuce	6.8	39.0	77.0	0.024	0.039
Tomatoes	9.7	21.3	21.3	0.026	0.027
Onions and garlic	18.7	-5.0	3.6	-0.029	0.020
Celery and broccoli	15.3	4.6	7.5	0.015	0.024
Other vegetables	15.3	2.6	30.1	0.005	0.051
Other preserved or processed vegetables	8.4		2.1	0.000	0.005
Frozen vegetable mixtures	14.8	-1.2	7.1	-0.002	0.013
Sugar, jam, honey and other confectionery	42.0	0.2	7.0	0.001	0.029
Sugar	12.1	-0.5	9.8	-0.001	0.011
Jams and jellies	2.5	-0.4	12.9	0.000	0.004
Other confectionery products	27.5	0.6	5.3	0.002	0.014
Food products n.e.c.	80.1	-0.6	8.9	-0.006	0.079
Other food products	80.1	-0.6	8.9	-0.006	0.079
Non-alcoholic beverages	123.6	-0.2	8.2	-0.004	0.123
Coffee and tea	20.9	0.3	4.4	0.001	0.009
Other non-alcoholic beverages	14.6	0.0	6.5	0.000	0.012
Soft and sports drinks	31.0	-0.9	6.4	-0.003	0.025
Fruit juices	57.1	-0.1	10.5	-0.001	0.078
Food away from home	429.8	0.7	3.6	0.036	0.185
Food and beverage consumption away from home	429.8	0.7	3.6	0.036	0.185
Other goods and services	8,482.5	0.2	3.3	0.133	2.608
Other goods	4,735.8	-0.2	1.8	-0.095	0.795
Other services	3,746.7	0.6	5.2	0.228	1.813
CPI	10,000	0.04	4.8	0.044	4.757

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMER PRICE INDEX

					<u>YEAR: 2019</u>				<u>YEAR: 2018</u>			
	<u>Base</u>	<u>Base</u>	<u>Base</u>	<u>Base</u>	<u>CHANGE</u>				<u>CHANGE</u>			
	<u>Jun-19</u>	<u>Jun-19</u>	<u>Jun-19</u>	<u>Jun-19</u>	<u>Monthly</u>	<u>Year-to</u>	<u>Yearly</u>	<u>Period</u>	<u>Monthly</u>	<u>Year-to</u>	<u>Yearly</u>	<u>Period</u>
	<u>=100.0</u>	<u>=100.0</u>	<u>=100.0</u>	<u>=100.0</u>	<u>date</u>	<u>date</u>	<u>average</u>	<u>average</u>	<u>date</u>	<u>date</u>	<u>average</u>	<u>average</u>
	<u>Jan'18</u>	<u>Dec'17</u>	<u>Jan'19</u>	<u>Dec'18</u>								
<u>Total Population</u>	92.88	92.55	96.25	96.67	-0.4	-0.4	3.6	3.8	0.4	0.4	1.1	-0.9
Low Income	92.15	91.72	96.24	96.29	-0.1	-0.1	4.4		0.5	0.5	1.3	
High Income	93.24	92.95	96.29	96.86	-0.6	-0.6	3.3		0.3	0.3	1.0	
	<u>Feb'18</u>	<u>Jan'18</u>	<u>Feb'19</u>	<u>Jan'19</u>								
<u>Total Population</u>	93.88	92.88	96.66	96.25	0.4	0.0	3.0	3.9	1.1	1.4	2.1	-0.6
Low Income	93.43	92.15	96.66	96.24	0.4	0.4	3.5		1.4	1.9	2.7	
High Income	94.12	93.24	96.68	96.29	0.4	-0.2	2.7		0.9	1.3	1.9	
	<u>Mar'18</u>	<u>Feb'18</u>	<u>Mar'19</u>	<u>Feb'19</u>								
<u>Total Population</u>	94.71	93.88	98.00	96.66	1.4	1.4	3.5	3.9	0.9	2.3	3.2	-0.3
Low Income	94.08	93.43	98.07	96.66	1.5	1.8	4.2		0.7	2.6	3.5	
High Income	95.00	94.12	97.99	96.68	1.3	1.2	3.1		0.9	2.2	3.0	
	<u>Apr'18</u>	<u>Mar'18</u>	<u>Apr'19</u>	<u>Mar'19</u>								
<u>Total Population</u>	94.54	94.71	98.83	98.00	0.8	2.2	4.5	4.1	-0.2	2.1	2.8	0.0
Low Income	94.15	94.08	98.74	98.07	0.7	2.5	4.9		0.1	2.7	3.5	
High Income	94.73	95.00	98.86	97.99	0.9	2.1	4.4		-0.3	1.9	2.5	
	<u>May'18</u>	<u>Apr'18</u>	<u>May'19</u>	<u>Apr'19</u>								
<u>Total Population</u>	94.90	94.54	99.19	98.83	0.4	2.6	4.5	4.2	0.4	2.5	3.0	0.3
Low Income	94.56	94.15	99.37	98.74	0.6	3.2	5.1		0.4	3.1	3.8	
High Income	95.07	94.73	99.12	98.86	0.3	2.3	4.3		0.4	2.3	2.7	
	<u>Jun'18</u>	<u>May'18</u>	<u>Jun'19</u>	<u>May'19</u>								
<u>Total Population</u>	95.39	94.90	100.00	99.19	0.8	3.4	4.8	4.3	0.5	3.1	3.8	0.7
Low Income	94.82	94.56	100.00	99.37	0.6	3.9	5.5		0.3	3.4	4.2	
High Income	95.65	95.07	100.00	99.12	0.9	3.2	4.5		0.6	2.9	3.5	
	<u>Jul'18</u>	<u>Jun'18</u>	<u>Jul'19</u>	<u>Jun'19</u>								
<u>Total Population</u>	96.49	95.39	100.06	100.00	0.1	3.5	3.7	4.2	1.2	4.3	5.3	1.3
Low Income	95.82	94.82	99.91	100.00	-0.1	3.8	4.3		1.0	4.5	5.5	
High Income	96.80	95.65	100.13	100.00	0.1	3.4	3.4		1.2	4.2	5.2	
	<u>Aug'18</u>	<u>Jul'18</u>	<u>Aug'19</u>	<u>Jul'19</u>								
<u>Total Population</u>	95.96	96.49	99.80	100.06	-0.3	3.2	4.0	4.1	-0.6	3.7	4.7	1.8
Low Income	95.45	95.82	99.75	99.91	-0.2	3.6	4.5		-0.4	4.1	5.0	
High Income	96.22	96.80	99.84	100.13	-0.3	3.1	3.8		-0.6	3.5	4.5	
	<u>Sep'18</u>	<u>Aug'18</u>	<u>Sep'19</u>	<u>Aug'19</u>								
<u>Total Population</u>	95.77	95.96	100.00	99.80	0.2	3.4	4.4	4.1	-0.2	3.5	4.7	2.3
Low Income	95.34	95.45	99.84	99.75	0.1	3.7	4.7		-0.1	3.9	4.9	
High Income	96.02	96.22	100.08	99.83	0.3	3.3	4.2		-0.2	3.3	4.6	
	<u>Oct'18</u>	<u>Sep'18</u>	<u>Oct'19</u>	<u>Sep'19</u>								
<u>Total Population</u>	95.66	95.77	100.49	100.00	0.5	3.9	5.0	4.2	-0.1	3.4	3.9	2.7
Low Income	95.32	95.34	100.54	99.84	0.7	4.4	5.5		0.0	3.9	4.3	
High Income	95.87	96.02	100.65	100.08	0.6	3.9	5.0		-0.2	3.1	3.8	
	<u>Nov'18</u>	<u>Oct'18</u>	<u>Nov'19</u>	<u>Oct'19</u>								
<u>Total Population</u>	95.97	95.66	100.53	100.49	0.04	4.0	4.8	4.2	0.3	3.7	4.4	3.2
Low Income	95.62	95.32	100.46	100.54	-0.1	4.3	5.1		0.3	4.2	4.7	
High Income	96.17	95.87	100.77	100.65	0.1	4.0	4.8		0.3	3.5	4.3	
	<u>Dec'18</u>	<u>Nov'18</u>	<u>Dec'19</u>	<u>Nov'19</u>								
<u>Total Population</u>	96.67	95.97							0.7	4.5	4.5	3.6
Low Income	96.29	95.62							0.7	5.0	5.0	
High Income	96.86	96.17							0.7	4.2	4.2	

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	54.66	34.52	35.72	45.93	12.50	265.65	137.05	209.50	183.70
July-19	57.28	34.52	35.72	45.93	12.50	265.65	137.05	208.00	174.20
August-19	55.17	34.52	35.72	45.93	12.50	265.65	137.05	215.10	177.20
September-19	57.03	34.52	35.72	45.93	12.50	265.65	137.05	204.50	172.80
October-19	53.77	34.52	35.72	45.93	12.50	265.65	137.05	205.10	178.40
November-19	56.74	34.52	35.72	45.93	12.50	265.65	137.05	203.30	177.70
December-19									
Average 2019	56.58	34.52	35.72	45.93	12.50	265.65	137.05	202.57	176.61

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