

Consumer Price Index, base period June 2019

March 2020

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of March 2020.

Consumer Price Index for the month of March 2020

The CPI for March 2020 is 101.43, a decrease of 0.3% compared to the index of February 2020 (101.73).

The percentage change of the CPI over the last twelve (12) months (March 2019 to March 2020) is 3.5, virtually the same percentage change compared to the same period of last year (3.5%).

The period average percentage change of the CPI for the period March 2019 - March 2020 is 4.6%, an increase of 0.7 ppts compared to the period average percentage change over the period March 2018 - March 2019 (3.9%).

During this month, eight (8) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Transport" (-1.4%) and "Food and non-alcoholic beverages" (-0.7%) sectors, which contributed with an effect of -0.17 and -0.12 ppts, respectively. The decreases in the remaining sectors had an effect of -0.11 ppts on the CPI of March 2020.

Aforementioned decreases were partially offset by increases in the indices for the "Recreation and culture" (0.7%) and "Health" (1.8%) sectors, causing an effect of 0.07 and 0.03 ppts, respectively.

The decrease in the "Transport" sector was mainly due to a decrease in the category "Operation of personal transport equipment" (-1.6%), which contributed to an effect of -0.13 ppts. The decrease in the "Food and non-alcoholic beverages" sector was mainly caused by a decrease in the category "Food" (-0.7%), which contributed to an effect of -0.12 ppts.

The increase in the "Recreation and culture" sector was mainly due to an increase in the category "Other recreational items and equipment; gardens and pets" (2.2%), which contributed to an effect of 0.07 ppts. The increase in the "Health" sector was mainly caused by increase of 3.6% and 1.0% in the categories "Out-patient services" and "Medical products, appliances and equipment", which each contributed with an effect of 0.01 ppt.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to February 2020, 33.3% of these products had an increase in price, causing an effect of 0.44 ppts, while 39.5% showed a decrease, contributing to an effect of -0.74 ppts and the remaining 27.2% had no change in price. The prices of goods decreased by 0.5% and caused an influence of -0.29 ppts. The prices of services showed a slight decrease of 0.01% and had an insignificant influence on the CPI of March 2020.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 4.3% in March 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -1.2%. The food index showed an increase of 12.7%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in March 2020 is Afl. 5,009, an increase of Afl. 142 compared to March 2019 (Afl. 4,867). The subsistence level for a single adult household is Afl. 2,385, an increase of Afl. 68 compared to March 2019 (Afl. 2,317).

April 29, 2020



CPI (BASE JUN 2019 = 100)

Index	↓	101.43
Monthly	↓	-0.3
Year-to-date	↓	-0.2
End of period	↑	3.5
Period average	↑	4.6
Goods	↓	-0.5
Services	↓	-0.01

CPIC

CPIC	↑	4.3
Energy	↓	-1.2
Food	↑	12.7

SUBSISTENCE LEVEL in AFL.

1 adult	↓	2,385
2 adults + 2 children	↓	5,009

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

	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
Index	98.00	98.83	99.19	100.00	100.06	99.80	100.00	100.49	100.53	101.66	101.56	101.73	101.43
Monthly	1.4	0.8	0.4	0.8	0.1	-0.3	0.2	0.5	0.04	1.1	-0.1	0.2	-0.3
Year-to-date	1.4	2.2	2.6	3.4	3.5	3.2	3.4	3.9	4.0	5.2	-0.1	0.1	-0.2
End of period	3.5	4.5	4.5	4.8	3.7	4.0	4.4	5.0	4.8	5.2	5.5	5.2	3.5
Period average	3.9	4.1	4.2	4.3	4.2	4.1	4.1	4.2	4.2	4.3	4.4	4.6	4.6
Goods	2.3	0.5	1.3	0.7	-0.3	0.1	0.1	0.0	-0.4	0.6	0.0	-0.5	-0.5
Services	0.1	1.3	-1.0	1.0	0.6	-0.7	0.4	1.2	0.7	1.9	-0.2	1.1	0.0
CPIC	2.4	2.6	2.9	3.1	3.0	3.0	3.0	3.2	3.4	3.5	3.8	4.1	4.3
Energy	3.3	3.1	2.9	2.5	1.9	1.4	0.8	0.3	-0.2	-0.3	-0.5	-0.7	-1.2
Food	12.7	12.6	12.4	12.4	12.5	12.8	13.1	13.5	13.5	13.2	13.0	13.3	12.7
1 adult	2,317	2,338	2,361	2,384	2,379	2,372	2,377	2,382	2,375	2,387	2,393	2,395	2,385
2 adults + 2 children	4,867	4,909	4,957	5,005	4,997	4,981	4,992	5,002	4,987	5,013	5,026	5,030	5,009

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Feb - Mar	Percentage changes			
			Monthly Feb - Mar	Year-to-date Dec - Mar	End of period Mar 19 - Mar 20	Period average Mar 19 - Mar 20
CPI	10,000.0	-0.30	-0.3	-0.2	3.5	4.6
01. Food and non-alcoholic beverages	1,087.7	-0.12	-0.7	2.4	5.0	12.3
02. Alcoholic beverages and tobacco	78.2	0.00	-0.1	1.0	5.4	13.7
03. Clothing and footwear	276.8	-0.01	-0.5	-10.4	0.1	4.8
04. Housing	2,522.2	-0.04	-0.2	-2.2	-1.4	0.7
05. Household operation	929.2	-0.04	-0.5	0.7	2.5	1.1
06. Health	223.1	0.03	1.8	3.5	2.0	0.9
07. Transport	1,257.4	-0.17	-1.4	-2.1	2.5	1.9
08. Communications	849.6	0.00	0.0	-0.04	-0.1	5.7
09. Recreation and culture	1,013.3	0.07	0.7	3.7	27.4	11.2
10. Education	98.0	0.00	0.0	0.2	0.2	0.2
11. Restaurants and hotels	442.0	-0.01	-0.2	-0.6	3.7	3.8
12. Miscellaneous goods and services	1,222.6	0.00	-0.02	-0.1	0.3	3.0

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of March 2020

Category	Monthly change	Effect
Other recreational items and equipment; gardens and pets	2.2	0.07
Clothing	2.1	0.04
Out-patient services	3.6	0.01
Medical products, appliances and equipment	1.0	0.01
Actual rentals for housing	0.1	0.01

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of March 2020

Category	Monthly change	Effect
Operation of personal transport equipment	-1.6	-0.13
Food	-0.7	-0.12
Maintenance and repair of the dwelling	-1.2	-0.05
Footwear	-13.1	-0.05
Transport services	-8.6	-0.04

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in March 2020

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In March 2020 the average price per barrel of crude oil (US\$ 30.40) had a remarkable decrease of US\$ 20.27 (-40.0%) compared to February 2020 (US\$ 50.67).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in March 2020, it stayed at Afl. 31.09 cents per kWh. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh did not change in March 2020, it stayed at Afl. 31.99 cents per kWh. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh did not change in March 2020, it stayed at Afl. 42.09 cents per kWh. The prices of electricity and water did not change compared to February 2020. Subsequently, the average electricity price per household remained at Afl. 240.09, while the average price of water per household remained at Afl. 137.05.

In March 2020 the price of gasoline registered a decrease of Afl. 4.70 cents (-2.3%) and had an effect of -0.10 ppts on the CPI. The price of diesel registered a decrease of Afl. 11.80 cents (-6.8%) and had an effect of -0.02 ppts on the CPI of March 2020.

In March 2020, utilities, gasoline and diesel as a group showed a decrease in price of 0.8% compared to February 2020, and had an influence of -0.13 ppts on the CPI, while the remaining 404 goods and services, as a group, experienced a decrease of 0.2% in price, causing an effect of -0.17 ppts on the CPI.

Table 6 Effect on the CPI of March 2020 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	-2.3	-0.10
Water	367.3	0.0	0.00
Diesel	30.2	-6.8	-0.02
Total group	1,638.1	-0.8	-0.13
Remaining goods and services	8,361.9	-0.2	-0.17
CPI	10,000.0	-0.3	-0.30

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2019 - 2020

Month	2019							2020						
	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	50.65	34.52	35.72	265.65	137.05	188.50	165.10	57.92	31.09	31.99	240.09	137.05	204.60	179.20
March	54.45	34.52	35.72	265.65	137.05	189.40	170.20	50.67	31.09	31.99	240.09	137.05	201.90	172.40
March	57.84	34.52	35.72	265.65	137.05	197.70	177.30	30.40	31.09	31.99	240.09	137.05	197.20	160.60
April	63.89	34.52	35.72	265.65	137.05	197.70	181.10							
May	60.89	34.52	35.72	265.65	137.05	209.50	185.00							
June	54.66	34.52	35.72	265.65	137.05	209.50	183.70							
July	57.28	34.52	35.72	265.65	137.05	208.00	174.20							
August	55.17	34.52	35.72	265.65	137.05	215.10	177.20							
September	57.03	34.52	35.72	265.65	137.05	204.50	172.80							
October	53.77	34.52	35.72	265.65	137.05	205.10	178.40							
November	56.74	34.52	35.72	265.65	137.05	203.30	177.70							
December	59.73	34.52	35.72	265.65	137.05	203.70	175.60							
Yearly Average	56.84	34.52	35.72	265.65	137.05	202.67	176.53	46.33	31.09	31.99	240.09	137.05	201.23	170.73

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 March 2020

The “Food & catering services” index showed a decrease of 0.5% in March 2020, after an increase of 0.5% in February 2020. The index for “Food at home” showed a decrease of 0.7% in March, as six (6) of the eleven (11) “Food at home” indices decreased in March 2020. The “Vegetables” index registered the largest decrease (-7.2%) in March 2020. Furthermore, decreases were posted in the indices for “Sugar, jam, honey and other confectionery” (-1.3%), “Milk, cheese and eggs” (-0.3%) and “Non-alcoholic beverages” (-0.3%).

Over the last twelve (12) months, the “Food & catering services” has increased by 4.7%. The “Food at home” index showed an increase of 5.0%. The “Fruit” index increased by 9.4%, the largest increase among the “Food at home” food groups, while the “Vegetables” index decreased by 1.2%, the only decrease among the “Food at home” food groups.

The index for “Food away from home” shows a slight decrease of 0.01% in March 2020 and has increased by 3.8% over the last twelve (12) months.

In March 2020, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.2% compared to February 2020, and had an influence of -0.12 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 -0.18 pts on the CPI.

Table 8 Effect on the CPI of March 2020 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	-0.7	-0.12
<i>Food away from home</i>	429.8	0.0	0.00
<i>Total group</i>	1,517.5	-0.5	-0.12
<i>Remaining goods and services</i>	8,482.5	-0.2	-0.18
<i>CPI</i>	10,000.0	-0.3	-0.30

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Indices			Percentage changes			Effect		
		Weight coefficient	Mar-19	Feb-20	Mar-20	Monthly Jan - Feb	Monthly Feb - Mar	End of period Mar 19 - Mar 20	Monthly Feb - Mar	End of period Mar 19 - Mar 20
Food & catering services		1,517.5	143.49	151.09	150.27	0.5	-0.5	4.7	-0.122	1.050
Food at home		1,087.7	154.37	163.23	162.10	0.6	-0.7	5.0	-0.121	0.858
<i>Bread and cereals</i>		178.1	120.44	124.23	124.15	1.8	-0.1	3.1	-0.001	0.067
<i>Meat</i>		242.5	122.95	127.05	127.20	0.3	0.1	3.5	0.004	0.105
<i>Fish and other seafood</i>		49.0	108.18	115.38	115.48	-0.1	0.1	6.7	0.000	0.036
<i>Milk, cheese and eggs</i>		135.3	124.13	129.45	129.01	-0.1	-0.3	3.9	-0.006	0.067
<i>Oils and fats</i>		32.2	145.46	153.36	153.77	-1.3	0.3	5.7	0.001	0.027
<i>Fruit</i>		97.6	444.56	486.51	486.33	3.0	0.0	9.4	-0.002	0.416
<i>Potatoes and other tubers</i>		18.2	141.20	144.61	145.83	0.6	0.8	3.3	0.002	0.009
<i>Vegetables</i>		89.1	178.54	190.06	176.43	-4.4	-7.2	-1.2	-0.119	-0.019
<i>Sugar, jam, honey and other confectionery</i>		42.0	96.80	100.77	99.41	-0.8	-1.3	2.7	-0.006	0.011
<i>Food products n.e.c.</i>		80.1	111.36	118.07	119.28	0.5	1.0	7.1	0.010	0.065
<i>Non-alcoholic beverages</i>		123.6	121.44	127.58	127.25	0.3	-0.3	4.8	-0.004	0.005
Food away from home		429.8	115.97	120.36	120.34	0.0	-0.01	3.8	-0.001	0.192
Other goods and services		8,482.5	89.87	92.90	92.69	0.1	-0.2	3.1	-0.178	2.445
<i>Other goods</i>		4,735.8	88.62	89.18	88.81	-0.9	-0.4	0.2	-0.174	0.094
<i>Other services</i>		3,746.7	91.44	97.60	97.59	1.3	0.0	6.7	-0.004	2.351
CPI		10,000.0	98.00	101.73	101.43	0.2	-0.3	3.5	-0.300	3.495

Source: Central Bureau of Statistics Aruba

The subsistence level in March 2020

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	Mar-19	Mar-20	Absolute
			Change
Food and non-alcoholic beverages	2,089	2,193	104
Clothing and footwear	258	258	0
Housing	1,352	1,333	-19
Household operation	129	133	4
Health	78	79	1
Transport	265	271	6
Communications	140	139	-1
Recreation and culture	160	204	44
Education	75	75	0
Miscellaneous goods and services	322	323	1
Total	4,867	5,009	142

Source: Central Bureau of Statistics Aruba

In March 2020 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 5,009) showed an increase of Afl. 142 compared to March 2019 (Afl. 4,867) and was mainly caused by an increase of Afl. 104 in the sector "Food and non-alcoholic beverages".

Table 10 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, March 2020 (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
Mar-19	2,317	3,013	3,476	4,171	4,867
Apr-19	2,338	3,039	3,507	4,208	4,909
May-19	2,361	3,069	3,541	4,249	4,957
Jun-19	2,384	3,099	3,575	4,290	5,005
Jul-19	2,379	3,093	3,569	4,283	4,997
Aug-19	2,372	3,084	3,558	4,270	4,981
Sep-19	2,377	3,090	3,566	4,279	4,992
Oct-19	2,382	3,096	3,573	4,287	5,002
Nov-19	2,375	3,087	3,562	4,274	4,987
Dec-19	2,387	3,103	3,581	4,297	5,013
Jan-20	2,393	3,111	3,590	4,308	5,026
Feb-20	2,395	3,114	3,593	4,311	5,030
Mar-20	2,385	3,101	3,578	4,293	5,009

Source: Central Bureau of Statistics Aruba

In March 2020, the monthly subsistence level for a single adult household is Afl 2,385, which represents an income deficit of Afl. 570, a decrease of Afl. 36 compared to the deficit observed one year ago (Afl. 606). This deficit is the second highest registered over a period of five (5) years for the month March.

Table 11 Monthly income surplus/deficit (in Afl.) for a single adult household for March, 2016 - 2020

Period	1 adult	Minimum	Surplus/deficit
		wage	
2016	2,059	1,678	-381
2017	2,088	1,678	-410
2018	2,194	1,711	-483
2019	2,317	1,711	-606
2020	2,385	1,815	-570

Source: Central Bureau of Statistics Aruba

APPENDIX 1
Monthly & Yearly Changes (%) in the Consumer Price Index for March 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2019 Mar	2019 Dec	2020 Feb	2020 Mar	Monthly Feb - Mar	Ytd Dec - Mar	End of period Mar 19 - Mar 20	Period average Mar 19 - Mar 20
Food and non-alcoholic beverages	1,087.7	154.37	158.32	163.23	162.10	-0.7	2.4	5.0	12.3
Food	964.1	158.59	162.32	167.80	166.57	-0.7	2.6	5.0	12.7
Non-alcoholic beverages	123.6	121.44	127.08	127.58	127.25	-0.3	0.1	4.8	8.3
Alcoholic beverages and tobacco	78.2	127.38	133.04	134.48	134.31	-0.1	1.0	5.4	13.7
Alcoholic beverages for consumption at home	62.2	109.63	114.88	114.72	114.35	-0.3	-0.5	4.3	17.0
Tobacco	16.0	196.32	203.61	211.25	211.88	0.3	4.1	7.9	7.1
Clothing and footwear	276.8	74.89	83.63	75.36	74.97	-0.5	-10.4	0.1	4.8
Clothing	212.8	77.53	89.29	81.08	82.79	2.1	-7.3	6.8	7.3
Footwear	64.0	66.08	64.80	56.34	48.95	-13.1	-24.5	-25.9	-4.7
Housing	2,522.2	102.34	103.19	101.09	100.92	-0.2	-2.2	-1.4	0.7
Actual rentals for housing	666.7	125.95	127.28	127.60	127.76	0.1	0.4	1.4	1.6
Imputed rentals for housing	34.4	104.76	105.29	105.29	105.29	0.0	0.0	0.5	1.0
Maintenance and repair of the dwelling	517.0	88.09	87.75	91.71	90.64	-1.2	3.3	2.9	4.2
Water supply and miscellaneous services relating to the dwelling	463.6	95.30	98.34	98.34	98.34	0.0	0.0	3.2	1.1
Electricity, gas and other fuels	840.4	96.16	96.16	87.19	87.19	0.0	-9.3	-9.3	-2.3
Household operation	929.2	75.55	76.96	77.88	77.47	-0.5	0.7	2.5	1.1
Furniture, furnishings, carpets and other floor coverings	128.8	45.88	37.81	34.73	34.85	0.3	-7.8	-24.1	-8.8
Household textiles	58.6	65.72	56.79	55.41	53.40	-3.6	-6.0	-18.8	-8.3
Household appliances	246.0	48.80	59.20	60.67	60.10	-0.9	1.5	23.2	5.2
Glassware, tableware and household utensils	17.2	62.74	63.13	66.35	63.86	-3.7	1.2	1.8	7.0
Tools and equipment for house and garden	58.2	50.98	48.86	48.12	48.36	0.5	-1.0	-5.1	-2.9
Goods and services for routine household maintenance and cleaning	420.5	105.57	106.60	108.89	108.62	-0.2	1.9	2.9	2.2
Health	223.1	85.13	83.93	85.31	86.85	1.8	3.5	2.0	0.9
Medical products, appliances and equipment	152.3	88.97	87.78	90.38	91.26	1.0	4.0	2.6	0.7
Out-patient services	52.4	77.72	77.72	77.70	80.51	3.6	3.6	3.6	3.7
Other treatments	7.8	74.39	76.36	76.34	79.10	3.6	3.6	6.3	1.6
Health products and services n.e.c.	10.5	74.39	64.78	56.42	60.37	7.0	-6.8	-18.8	-9.4
Transport	1,257.4	97.29	101.85	101.08	99.68	-1.4	-2.1	2.5	1.9
Purchase of vehicles	442.6	90.24	95.69	95.49	95.48	0.0	-0.2	5.8	2.2
Operation of personal transport equipment	763.3	102.85	105.21	104.46	102.74	-1.6	-2.3	-0.1	0.9
Transport services	51.5	75.64	105.11	98.90	90.34	-8.6	-14.0	19.4	21.2
Communications	849.6	77.97	77.90	77.87	77.87	0.0	0.0	-0.1	5.7
Telephone and telefax equipment	43.8	17.73	16.36	15.76	15.76	0.0	-3.7	-11.1	-18.0
Telephone and telefax services	805.8	81.25	81.25	81.25	81.25	0.0	0.0	0.0	6.1
Recreation and culture	1,013.3	77.67	95.35	98.25	98.91	0.7	3.7	27.4	11.2
Audio-visual, photographic and information processing equipment	58.5	55.27	72.13	52.96	52.71	-0.5	-26.9	-4.6	-9.7
Other major durables for recreation and culture	20.0	33.42	38.43	38.43	38.25	-0.5	-0.5	14.4	0.8
Other recreational items and equipment; gardens and pets	266.6	112.99	120.07	119.79	122.40	2.2	1.9	8.3	5.4
Recreational and cultural services	309.1	89.04	88.54	94.35	94.35	0.0	6.6	6.0	2.0
Newspapers, books and stationery	43.7	75.38	75.57	76.24	76.24	0.0	0.9	1.1	6.0
Holidays	315.4	43.95	91.78	99.11	99.11	0.0	8.0	125.5	46.0
Education	98.0	109.30	109.30	109.49	109.49	0.0	0.2	0.2	0.2
Pre primary and primary education	24.0	86.66	86.66	86.66	86.66	0.0	0.0	0.0	0.0
Secondary education	43.4	94.62	94.62	94.62	94.62	0.0	0.0	0.0	0.3
Post-secondary non-tertiary education	4.6	102.85	102.85	102.85	102.85	0.0	0.0	0.0	0.0
Tertiary education	23.6	160.49	160.49	160.49	160.49	0.0	0.0	0.0	0.0
Education not definable by level	2.5	109.74	109.74	117.06	117.06	0.0	6.7	6.7	1.9
Restaurants and hotels	442.0	114.96	119.96	119.48	119.23	-0.2	-0.6	3.7	3.8
Catering services	429.8	115.97	120.31	120.36	120.34	0.0	0.0	3.8	3.8
Accommodation services	12.2	79.38	107.74	88.68	79.98	-9.8	-25.8	0.8	3.8
Miscellaneous goods and services	1,222.6	86.14	86.51	86.44	86.43	0.0	-0.1	0.3	3.0
Personal care	427.1	100.40	101.09	101.24	101.31	0.1	0.2	0.9	3.1
Personal effects n.e.c.	106.6	105.96	107.40	105.47	105.00	-0.4	-2.2	-0.9	18.8
Social protection	78.2	115.39	115.39	115.39	115.39	0.0	0.0	0.0	0.0
Insurance	610.7	68.97	68.97	69.06	69.06	0.0	0.1	0.1	0.0
CPI	10,000.0	98.00	101.66	101.73	101.43	-0.3	-0.2	3.5	4.6

Source: Central Bureau of Statistics Aruba

APPENDIX 2
Effect on the Consumer Price Index per sector and category for March 2020 (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Feb - Mar	Ytd Dec - Mar	End of period Mar 19 - Mar 20	Period average Mar 19 - Mar 20
Food and non-alcoholic beverages	1,087.7	-0.12	0.40	0.86	1.99
Food	964.1	-0.12	0.40	0.78	1.87
Non-alcoholic beverages	123.6	0.00	0.00	0.07	0.12
Alcoholic beverages and tobacco	78.2	0.00	0.01	0.06	0.13
Alcoholic beverages for consumption at home	62.2	-0.002	0.00	0.03	0.11
Tobacco	16.0	0.001	0.01	0.03	0.02
Clothing and footwear	276.8	-0.01	-0.24	0.00	0.10
Clothing	212.8	0.04	-0.14	0.11	0.12
Footwear	64.0	-0.05	-0.10	-0.11	-0.02
Housing	2,522.2	-0.04	-0.56	-0.37	0.19
Actual rentals for housing	666.7	0.01	0.03	0.12	0.14
Imputed rentals for housing	34.4	0.00	0.00	0.00	0.00
Maintenance and repair of the dwelling	517.0	-0.05	0.15	0.13	0.19
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.14	0.05
Electricity, gas and other fuels	840.4	0.00	-0.74	-0.77	-0.19
Household operation	929.2	-0.04	0.05	0.18	0.08
Furniture, furnishings, carpets and other floor coverings	128.8	0.00	-0.04	-0.15	-0.05
Household textiles	58.6	-0.01	-0.02	-0.07	-0.03
Household appliances	246.0	-0.01	0.02	0.28	0.07
Glassware, tableware and household utensils	17.2	0.00	0.00	0.00	0.01
Tools and equipment for house and garden	58.2	0.00	0.00	-0.02	-0.01
Goods and services for routine household maintenance and cleaning	420.5	-0.01	0.08	0.13	0.10
Health	223.1	0.03	0.06	0.04	0.02
Medical products, appliances and equipment	152.3	0.01	0.05	0.04	0.01
Out-patient services	52.4	0.01	0.01	0.01	0.01
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.00	0.00	-0.02	-0.01
Transport	1,257.4	-0.17	-0.27	0.31	0.25
Purchase of vehicles	442.6	0.00	-0.01	0.24	0.09
Operation of personal transport equipment	763.3	-0.13	-0.18	-0.01	0.07
Transport services	51.5	-0.04	-0.07	0.08	0.09
Communications	849.6	0.00	0.00	-0.01	0.37
Telephone and telefax equipment	43.8	0.00	0.00	-0.01	-0.02
Telephone and telefax services	805.8	0.00	0.00	0.00	0.39
Recreation and culture	1,013.3	0.07	0.36	2.20	0.93
Audio-visual, photographic and information processing equipment	58.5	0.00	-0.11	-0.02	-0.04
Other major durables for recreation and culture	20.0	0.00	0.00	0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	0.07	0.06	0.26	0.17
Recreational and cultural services	309.1	0.00	0.18	0.17	0.06
Newspapers, books and stationery	43.7	0.00	0.00	0.00	0.02
Holidays	315.4	0.00	0.23	1.77	0.73
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	-0.01	-0.03	0.19	0.20
Catering services	429.8	0.00	0.00	0.19	0.19
Accommodation services	12.2	-0.01	-0.03	0.00	0.00
Miscellaneous goods and services	1,222.6	0.00	-0.01	0.04	0.32
Personal care	427.1	0.00	0.01	0.04	0.14
Personal effects n.e.c.	106.6	0.00	-0.03	-0.01	0.19
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.01	0.01	0.00
CPI	10,000.0	-0.30	-0.23	3.49	4.60

Source: Central Bureau of Statistics Aruba

APPENDIX 3

Monthly & Yearly Changes (%) and effect in the Food & catering services for March 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Feb - Mar	End of period Mar 19 - Mar 20	Monthly Feb - Mar	End of period Mar 19 - Mar 20
Food & catering services	1,517.5	-0.5	4.7	-0.122	1.050
Food at home	1,087.7	-0.7	5.0	-0.121	0.858
Bread and cereals	178.1	-0.1	3.1	-0.001	0.067
Rice	23.5	1.8	2.6	0.006	0.008
Bread	72.1	0.0	8.3	0.000	0.079
Pasta products	9.2	-0.3	4.2	0.000	0.004
Other cereals and cereal products	73.3	-0.9	-3.0	-0.007	-0.024
Meat	242.5	0.1	3.5	0.004	0.105
Bovine	67.3	1.1	2.2	0.009	0.018
Swine	25.5	2.0	5.0	0.006	0.016
Poultry	75.7	-0.1	1.3	-0.001	0.013
Other meat and meat preparations	74.0	-1.1	6.4	-0.011	0.058
Fish and other seafood	49.0	0.1	6.7	0.000	0.036
Fish and seafood preparations	49.0	0.1	6.7	0.000	0.036
Milk, cheese and eggs	135.3	-0.3	3.9	-0.006	0.067
Cheese	55.4	-0.1	5.5	0.000	0.043
Eggs	16.6	-2.8	7.9	-0.005	0.013
Milk	40.0	-0.2	1.4	-0.001	0.008
Other milk products	23.3	0.2	1.9	0.000	0.004
Oils and fats	32.2	0.3	5.7	0.001	0.027
Corn oil	2.8	-2.6	-0.4	-0.001	0.000
Butter and margarine	9.2	0.4	8.7	0.001	0.013
Other oils and fats	20.1	0.6	5.1	0.002	0.014
Fruit	97.6	0.0	9.4	-0.002	0.416
Oranges	9.4	4.9	1.5	0.006	0.002
Bananas and plantains	19.9	-8.1	-4.3	-0.039	-0.020
Apples	9.3	0.5	-8.8	0.001	-0.016
Avocado	5.0	11.4	-0.4	0.089	-0.004
Grapes	9.2	-6.6	-2.3	-0.013	-0.005
Nuts	11.9	0.1	6.7	0.000	0.007
Lemons and mandarins	6.0	3.3	-26.3	0.002	-0.023
Cherries and strawberries	8.8	-5.7	17.6	-0.063	0.161
Melons and watermelons	7.7	2.0	27.4	0.017	0.191
Papayas and pineapples	6.9	-0.8	5.7	-0.005	0.033
Other fruits and fruit products	3.5	1.2	61.2	0.003	0.090
Potatoes and other tubers	18.2	0.8	3.3	0.002	0.009
Potatoes	12.2	1.2	1.6	0.002	0.003
Other tubers	2.0	5.1	14.6	0.001	0.003
Sweet potatoes and yucca	4.0	-3.7	8.2	-0.001	0.003
Vegetables	89.1	-7.2	-1.2	-0.119	-0.019
Lettuce	6.8	-31.7	-16.7	-0.026	-0.012
Tomatoes	9.7	5.7	40.4	0.009	0.048
Onions and garlic	18.7	-6.8	-4.5	-0.038	-0.026
Celery and broccoli	15.3	-15.4	-16.6	-0.052	-0.059
Other vegetables	15.3	-7.7	12.1	-0.018	0.024
Other preserved or processed vegetables	8.4		3.1	0.000	-0.005
Frozen vegetable mixtures	14.8	3.1	5.6	0.006	0.011
Sugar, jam, honey and other confectionery	42.0	-1.3	2.7	-0.006	0.011
Sugar	12.1	-1.1	4.2	-0.001	0.005
Jams and jellies	2.5	-1.5	6.4	0.000	0.002
Other confectionery products	27.5	-1.4	1.7	-0.004	0.005
Food products n.e.c.	80.1	1.0	7.1	0.010	0.065
Other food products	80.1	1.0	7.1	0.010	0.065
Non-alcoholic beverages	123.6	-0.3	4.8	-0.004	0.073
Coffee and tea	20.9	-0.7	0.7	-0.001	0.001
Other non-alcoholic beverages	14.6	-1.4	4.2	-0.003	0.008
Soft and sports drinks	31.0	0.0	3.8	0.000	0.015
Fruit juices	57.1	0.0	6.5	0.000	0.049
Food away from home	429.8	0.0	3.8	-0.001	0.192
Food and beverage consumption away from home	429.8	0.0	3.8	-0.001	0.192
Other goods and services	8,482.5	-0.2	3.1	-0.178	2.445
Other goods	4,735.8	-0.4	0.2	-0.174	0.094
Other services	3,746.7	0.0	6.7	-0.004	2.351
CPI	10,000	-0.3	3.5	-0.300	3.495

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMENTENPRIJSINDEXCIJFER

					<u>JAAR: 2020</u>				<u>JAAR: 2019</u>			
	<u>Basis</u>	<u>Basis</u>	<u>Basis</u>	<u>Basis</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>	<u>Stijging</u>
	<u>Jun-19</u>	<u>Jun-19</u>	<u>Jun-19</u>	<u>Jun-19</u>	<u>per</u>	<u>vanaf</u>	<u>laatste</u>	<u>gemidd</u>	<u>per</u>	<u>vanaf</u>	<u>laatste</u>	<u>gemidd</u>
	<u>=100.0</u>	<u>=100.0</u>	<u>=100.0</u>	<u>=100.0</u>	<u>maand</u>	<u>1-Jan</u>	<u>12 mnd</u>	<u>24 mnd</u>	<u>maand</u>	<u>1-Jan</u>	<u>12 mnd</u>	<u>24 mnd</u>
	<u>Jan.'19</u>	<u>Dec.'18</u>	<u>Jan.'20</u>	<u>Dec.'19</u>								
<u>Totale Bevolking</u>	96.25	96.67	101.56	101.66	-0.1	-0.1	5.5	4.4	-0.4	-0.4	3.6	3.8
<u>Lagere Inkomens</u>	96.24	96.29	101.03	101.36	-0.3	-0.3	5.0		-0.1	-0.1	4.4	
<u>Hogere Inkomens</u>	96.29	96.86	102.06	102.11	-0.04	-0.04	6.0		-0.6	-0.6	3.3	
	<u>Febr.'19</u>	<u>Jan.'19</u>	<u>Febr.'20</u>	<u>Jan.'20</u>								
<u>Totale Bevolking</u>	96.66	96.25	101.73	101.56	0.2	0.1	5.2	4.6	0.4	0.0	3.0	3.9
<u>Lagere Inkomens</u>	96.66	96.24	101.64	101.03	0.6	0.3	5.2		0.4	0.4	3.5	
<u>Hogere Inkomens</u>	96.68	96.29	102.46	102.06	0.39	0.3	6.0		0.4	-0.2	2.7	
	<u>Mrt.'19</u>	<u>Febr.'19</u>	<u>Mrt.'20</u>	<u>Febr.'20</u>								
<u>Totale Bevolking</u>	98.00	96.66	101.43	101.73	-0.3	-0.2	3.5	4.6	1.4	1.4	3.5	3.9
<u>Lagere Inkomens</u>	98.07	96.66	101.36	101.64	-0.3	0.0	3.4		1.5	1.8	4.2	
<u>Hogere Inkomens</u>	97.99	96.68	102.11	102.46	-0.3	0.0	4.2		1.3	1.2	3.1	
	<u>Apr.'19</u>	<u>Mrt.'19</u>	<u>Apr.'20</u>	<u>Mrt.'20</u>								
<u>Totale Bevolking</u>	98.83	98.00			-100.0	-100.0	-100.0		0.8	2.2	4.5	4.1
<u>Lagere Inkomens</u>	98.74	98.07			-100.0	-100.0	-100.0		0.7	2.5	4.9	
<u>Hogere Inkomens</u>	98.86	97.99			-100.00	-100.0	-100.0		0.9	2.1	4.4	
	<u>May'19</u>	<u>Apr.'19</u>	<u>May'20</u>	<u>Apr.'20</u>								
<u>Totale Bevolking</u>	99.19	98.83			#####	-100.0	-100.0		0.4	2.6	4.5	4.2
<u>Lagere Inkomens</u>	99.37	98.74			#####	-100.0	-100.0		0.6	3.2	5.1	
<u>Hogere Inkomens</u>	99.12	98.86			#####	-100.0	-100.0		0.3	2.3	4.3	
	<u>Juni'19</u>	<u>May'19</u>	<u>Juni'20</u>	<u>May'20</u>								
<u>Totale Bevolking</u>	100.00	99.19			#####	-100.0	-100.0		0.8	3.4	4.8	4.3
<u>Lagere Inkomens</u>	100.00	99.37			#####	-100.0	-100.0		0.6	3.9	5.5	
<u>Hogere Inkomens</u>	100.00	99.12			#####	-100.0	-100.0		0.9	3.2	4.5	
	<u>Juli'19</u>	<u>Juni'19</u>	<u>Juli'20</u>	<u>Juni'20</u>								
<u>Totale Bevolking</u>	100.06	100.00			#####	-100.0	-100.0		0.1	3.5	3.7	4.2
<u>Lagere Inkomens</u>	99.91	100.00			#####	-100.0	-100.0		-0.1	3.8	4.3	
<u>Hogere Inkomens</u>	100.13	100.00			#####	-100.0	-100.0		0.1	3.4	3.4	
	<u>Aug.'19</u>	<u>Juli'19</u>	<u>Aug.'20</u>	<u>Juli'20</u>								
<u>Totale Bevolking</u>	99.80	100.06			#####	-100.0	-100.0		-0.3	3.2	4.0	4.1
<u>Lagere Inkomens</u>	99.75	99.91			#####	-100.0	-100.0		-0.2	3.6	4.5	
<u>Hogere Inkomens</u>	99.84	100.13			#####	-100.0	-100.0		-0.3	3.1	3.8	
	<u>Sept.'19</u>	<u>Aug.'19</u>	<u>Sept.'20</u>	<u>Aug.'20</u>								
<u>Totale Bevolking</u>	100.00	99.80			#####	-100.0	-100.0		0.2	3.4	4.4	4.1
<u>Lagere Inkomens</u>	99.84	99.75			#####	-100.0	-100.0		0.1	3.7	4.7	
<u>Hogere Inkomens</u>	100.08	99.83			#####	-100.0	-100.0		0.3	3.3	4.2	
	<u>Okt.'19</u>	<u>Sept.'19</u>	<u>Okt.'20</u>	<u>Sept.'20</u>								
<u>Totale Bevolking</u>	100.49	100.00			#####	-100.0	-100.0		0.5	3.9	5.0	4.2
<u>Lagere Inkomens</u>	100.54	99.84			#####	-100.0	-100.0		0.7	4.4	5.5	
<u>Hogere Inkomens</u>	100.65	100.08			#####	-100.0	-100.0		0.6	3.9	5.0	
	<u>Nov.'19</u>	<u>Okt.'19</u>	<u>Nov.'20</u>	<u>Okt.'20</u>								
<u>Totale Bevolking</u>	100.53	100.49			#####	-100.0	-100.0		0.04	4.0	4.8	4.2
<u>Lagere Inkomens</u>	100.46	100.54			#####	-100.0	-100.0		-0.1	4.3	5.1	
<u>Hogere Inkomens</u>	100.77	100.65			#####	-100.0	-100.0		0.1	4.0	4.8	
	<u>Dec.'19</u>	<u>Nov.'19</u>	<u>Dec.'20</u>	<u>Nov.'20</u>								
<u>Totale Bevolking</u>	101.66	100.53			#####	-100.0	-100.0		1.1	5.2	5.2	4.3
<u>Lagere Inkomens</u>	101.36	100.46			#####	-100.0	-100.0		0.9	5.3	5.3	
<u>Hogere Inkomens</u>	102.11	100.77			#####	-100.0	-100.0		1.3	5.4	5.4	

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2020

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
Average 2019	56.84	34.52	35.72	45.93	12.50	265.65	137.05	202.67	176.53
January-20	57.92	31.09	31.99	42.09	12.50	240.09	137.05	204.60	179.20
February-20	50.67	31.09	31.99	42.09	12.50	240.09	137.05	201.90	172.40
March-20	30.40	31.09	31.99	42.09	12.50	240.09	137.05	197.20	160.60
April-20									
May-20									
June-20									
July-20									
August-20									
September-20									
October-20									
November-20									
December-20									
Average 2020	46.33	31.09	31.99	42.09	12.50	240.09	137.05	201.23	170.73

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