

Consumer Price Index, base period June 2019

January 2020

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

Consumer Price Index for the month of January 2020

The CPI for January 2020 is 101.56, a decrease of 0.1% compared to the index of December 2019 (101.66).

The percentage change of the CPI over the last twelve (12) months (January 2019 to January 2020) is 5.5, an increase of 1.9 pts compared to the percentage change for the same period of last year (3.6%).

The period average percentage change of the CPI for the period January 2019 - January 2020 is 4.4%, an increase of 0.6 pts compared to the period average percentage change over the period January 2018 - January 2019 (3.8%).

During this month, seven (7) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Housing" (-2.3%) and "Clothing and footwear" (-4.1%) sectors, which contributed with an effect of -0.59 and -0.09 pts, respectively. The decreases in the remaining sectors had an effect of -0.15 pts on the CPI of January 2020.

Aforementioned decreases were partially offset mainly by increases in the indices for the "Food and non-alcoholic beverages" (2.5%) and "Household operation" (4.1%) sectors, causing an effect of 0.42 and 0.29 pts, respectively. The increases in the remaining sectors had an effect of 0.03 pts on the CPI of January 2020.

The decrease in the "Housing" sector was due to a decrease in the category "Electricity, gas and other fuels" (-9.3%), which contributed to an effect of -0.74 pts. The decrease in the "Clothing and footwear" sector was caused by decreases in the categories "Footwear" (-11.3%) and "Clothing" (-2.5%), which each contributed to an effect of -0.05 pts.

The increase in the "Food and non-alcoholic beverages" sector was mainly due to an increase in the category "Food" (2.7%), which contributed to an effect of 0.42 pts. The increase in the "Household operation" sector was mainly caused by an increase of 18.9% in the category "Household appliances", which contributed to an effect of 0.27 pts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to December 2019, 45.3% of these products had an increase in price, causing an effect of 1.65 pts, while 35.0% showed a decrease, contributing to an effect of -1.76 pts and the remaining 19.6% had no change in price. The prices of goods decreased by 0.03% and caused an influence of -0.02 pts. The prices of services showed a decrease of 0.2% and had an influence of -0.09 pts on the CPI of January 2020.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 3.8% in January 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -0.5%. The food index showed an increase of 13.0%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in January 2020 is Afl. 5,026, an increase of Afl. 291 compared to January 2019 (Afl. 4,735). The subsistence level for a single adult household is Afl. 2,393, an increase of Afl. 138 compared to January 2019 (Afl. 2,255).

March 2, 2020



CPI	(BASE JUN 2019 = 100)
Index	↓ 101.56
Monthly	↓ -0.1
Year-to-date	↓ -0.1
End of period	↑ 5.5
Period average	↑ 4.4
Goods	↓ -0.03
Services	↓ -0.2

CPIC	
CPIC	↑ 3.8
Energy	↓ -0.5
Food	↑ 13.0

SUBSISTENCE LEVEL	in AFL.
1 adult	↑ 2,393
2 adults + 2 children	↑ 5,026

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-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
<i>Index</i>	96.25	96.66	98.00	98.83	99.19	100.00	100.06	99.80	100.00	100.49	100.53	101.66	101.56
<i>Monthly</i>	-0.4	0.4	1.4	0.8	0.4	0.8	0.1	-0.3	0.2	0.5	0.04	1.1	-0.1
<i>Year-to-date</i>	-0.4	0.0	1.4	2.2	2.6	3.4	3.5	3.2	3.4	3.9	4.0	5.2	-0.1
<i>End of period</i>	3.6	3.0	3.5	4.5	4.5	4.8	3.7	4.0	4.4	5.0	4.8	5.2	5.5
<i>Period average</i>	3.8	3.9	3.9	4.1	4.2	4.3	4.2	4.1	4.1	4.2	4.2	4.3	4.4
<i>Goods</i>	0.2	0.3	2.3	0.5	1.3	0.7	-0.3	0.1	0.1	0.0	-0.4	0.6	0.0
<i>Services</i>	-1.3	0.5	0.1	1.3	-1.0	1.0	0.6	-0.7	0.4	1.2	0.7	1.9	-0.2
<i>CPIIC</i>	2.1	2.3	2.4	2.6	2.9	3.1	3.0	3.0	3.0	3.2	3.4	3.5	3.8
<i>Energy</i>	3.7	3.4	3.3	3.1	2.9	2.5	1.9	1.4	0.8	0.3	-0.2	-0.3	-0.5
<i>Food</i>	13.2	12.8	12.7	12.6	12.4	12.4	12.5	12.8	13.1	13.5	13.5	13.2	13.0
<i>1 adult</i>	2,255	2,264	2,317	2,338	2,361	2,384	2,379	2,372	2,377	2,382	2,375	2,387	2,393
<i>2 adults + 2 children</i>	4,735	4,754	4,867	4,909	4,957	5,005	4,997	4,981	4,992	5,002	4,987	5,013	5,026

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 19 - Jan 20	Period average Jan 19 - Jan 20
CPI	10,000.0	-0.10	-0.1	-0.1	5.5	4.4
<i>01. Food and non-alcoholic beverages</i>	1,087.7	0.42	2.5	2.5	11.0	12.6
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.01	0.7	0.7	12.9	14.9
<i>03. Clothing and footwear</i>	276.8	-0.09	-4.1	-4.1	6.4	5.5
<i>04. Housing</i>	2,522.2	-0.59	-2.3	-2.3	-1.2	1.1
<i>05. Household operation</i>	929.2	0.29	4.1	4.1	6.6	0.7
<i>06. Health</i>	223.1	0.02	1.1	1.1	-0.2	1.9
<i>07. Transport</i>	1,257.4	-0.03	-0.3	-0.3	7.1	1.6
<i>08. Communications</i>	849.6	0.00	-0.02	-0.02	-0.07	7.6
<i>09. Recreation and culture</i>	1,013.3	-0.06	-0.6	-0.6	23.5	6.1
<i>10. Education</i>	98.0	0.00	0.2	0.2	0.2	0.2
<i>11. Restaurants and hotels</i>	442.0	-0.03	-0.6	-0.6	3.4	3.9
<i>12. Miscellaneous goods and services</i>	1,222.6	-0.02	-0.2	-0.2	3.0	3.2

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Food</i>	2.7	0.42
<i>Household appliances</i>	18.9	0.27
<i>Recreational and cultural services</i>	6.6	0.18
<i>Maintenance and repair of the dwelling</i>	3.1	0.14
<i>Goods and services for routine household maintenance and cleaning</i>	2.0	0.09

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Electricity, gas and other fuels</i>	-9.3	-0.74
<i>Holidays</i>	-8.2	-0.23
<i>Transport services</i>	-13.8	-0.07
<i>Furniture, furnishings, carpets and other floor coverings</i>	-12.4	-0.06
<i>Audio-visual, photographic and information processing equipment</i>	-13.9	-0.06

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In January 2020 the average price per barrel of crude oil (US\$ 57.92) had a decrease of US\$ 1.81 (-3.0%) compared to December 2019 (US\$ 59.73).

The total energy charge per kWh for the usage of electricity up to 500 kWh decreased by Afl. 3.43 cents per kWh from Afl. 34.52 cents per kWh in December 2019 to Afl. 31.09 cents per kWh in January 2020. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh decreased by Afl. 3.73 cents per kWh from Afl. 35.72 cents per kWh in December 2019 to Afl. 31.99 cents per kWh in January 2020. The flat rate remained at Afl. 12.50. Subsequently, the average electricity price per household decreased from Afl. 265.65 to Afl. 240.09 (-9.6%) causing an effect of -0.74 pts on the CPI, while the average price of water per household remained at Afl. 137.05. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh decreased by Afl. 3.84 cents per kWh from Afl. 45.93 cents per kWh in December 2019 to Afl. 42.09 cents per kWh in January 2020.

In January 2020 the price of gasoline registered an increase of Afl. 0.90 cents (0.4%) and had an effect of 0.02 pts on the CPI. The price of diesel registered an increase of Afl. 3.60 cents (2.1%) and had an effect of 0.01 ppt on the CPI of January 2020.

In January 2020, utilities, gasoline and diesel as a group showed a decrease in price of 4.5% compared to December 2019, and had an influence of -0.71 pts on the CPI, while the remaining 404 goods and services, as a group, experienced an increase of 0.7% in price, causing an effect of 0.61 pts on the CPI.

Table 6 Effect on the CPI of January 2020 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly change	Effect
Electricity	810.2	-9.6	-0.74
Gasoline	430.5	0.4	0.02
Water	367.3	0.0	0.00
Diesel	30.2	2.1	0.01
Total group	1,638.1	-4.5	-0.71
Remaining goods and services	8,361.9	0.7	0.61
CPI	10,000.0	-0.1	-0.10

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							
March	57.84	34.52	35.72	265.65	137.05	197.70	177.30							
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	57.92	31.09	31.99	240.09	137.05	204.60	179.20

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 2020

The “Food & catering services” index showed an increase of 1.9% in January 2020, after an increase of 0.2% in December 2019. The index for “Food at home” showed an increase of 2.5% in January, as all of the eleven (11) “Food at home” indices increased in January 2020. The “Vegetables” index registered the largest increase (8.1%) in January 2020. Furthermore, increases were posted in the indices for “Potatoes and other tubers” (6.5%), “Fruit” (4.0%), “Oils and fats” (3.1%) and “Bread and cereals” (2.0).

Over the last twelve (12) months, the “Food & catering services” has increased by 9.2%. The “Food at home” index showed an increase of 11.0%. The “Fruit” index increased by 28.3%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” was unchanged in January 2020 and has increased by 3.4% over the last twelve (12) months.

In January 2020, “Food at home” and “Food away from home” as a group showed an increase in price of 1.9% compared to December 2019, and had an influence of 0.42 pts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.7%, causing an effect of -0.52 pts on the CPI.

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

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	2.5	0.42
<i>Food away from home</i>	429.8	0.0	0.00
<i>Total group</i>	1,517.5	1.9	0.42
<i>Remaining goods and services</i>	8,482.5	-0.7	-0.52
<i>CPI</i>	10,000.0	-0.1	-0.10

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Jan-19	Dec-19	Jan-20	Monthly Nov - Dec	Monthly Dec - Jan	End of period Jan 19 - Jan 20	Monthly Dec - Jan	End of period Jan 19 - Jan 20
Food & catering services	1,517.5	137.73	147.55	150.37	0.2	1.9	9.2	0.420	1.993
Food at home	1,087.7	146.17	158.32	162.25	0.01	2.5	11.0	0.420	1.816
<i>Bread and cereals</i>	178.1	118.00	119.66	122.05	-0.2	2.0	3.4	0.042	0.075
<i>Meat</i>	242.5	121.03	126.28	126.64	0.3	0.3	4.6	0.008	0.141
<i>Fish and other seafood</i>	49.0	107.34	113.63	115.49	-0.2	1.6	7.6	0.009	0.041
<i>Milk, cheese and eggs</i>	135.3	123.51	128.55	129.58	0.4	0.8	4.9	0.014	0.085
<i>Oils and fats</i>	32.2	140.54	150.77	155.41	-0.8	3.1	10.6	0.015	0.050
<i>Fruit</i>	97.6	368.13	454.15	472.39	0.0	4.0	28.3	0.175	1.057
<i>Potatoes and other tubers</i>	18.2	127.14	134.86	143.69	-4.8	6.5	13.0	0.016	0.031
<i>Vegetables</i>	89.1	185.77	184.00	198.87	0.0	8.1	7.1	0.130	0.121
<i>Sugar, jam, honey and other confectionery</i>	42.0	93.97	100.73	101.57	0.1	0.8	8.1	0.003	0.033
<i>Food products n.e.c.</i>	80.1	108.32	116.61	117.49	0.5	0.8	8.5	0.007	0.076
<i>Non-alcoholic beverages</i>	123.6	119.04	127.08	127.18	0.1	0.1	6.8	0.001	0.019
Food away from home	429.8	116.36	120.31	120.31	0.9	0.0	3.4	0.000	0.176
Other goods and services	8,482.5	88.83	93.45	92.82	1.4	-0.7	4.5	-0.524	3.516
<i>Other goods</i>	4,735.8	87.33	90.93	90.00	0.8	-1.0	3.1	-0.437	1.312
<i>Other services</i>	3,746.7	90.74	96.63	96.40	2.1	-0.2	6.2	-0.087	2.204
CPI	10,000.0	96.25	101.66	101.56	1.1	-0.1	5.5	-0.103	5.509

Source: Central Bureau of Statistics Aruba

APPENDIX 1

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

DESCRIPTION	WEIGHT coefficient	2019 Jan	2019 Dec	2020 Jan	Monthly Dec - Jan	Ytd Dec - Jan	End of period Jan 19 - Jan 20	Period average Jan 19 - Jan 20
Food and non-alcoholic beverages	1,087.7	146.17	158.32	162.25	2.5	2.5	11.0	12.6
Food	964.1	149.65	162.32	166.74	2.7	2.7	11.4	13.0
Non-alcoholic beverages	123.6	119.04	127.08	127.18	0.1	0.1	6.8	8.8
Alcoholic beverages and tobacco	78.2	118.72	133.04	134.02	0.7	0.7	12.9	14.9
Alcoholic beverages for consumption at home	62.2	99.78	114.88	114.78	-0.1	-0.1	15.0	19.1
Tobacco	16.0	192.35	203.61	208.80	2.6	2.6	8.6	6.9
Clothing and footwear	276.8	75.37	83.63	80.19	-4.1	-4.1	6.4	5.5
Clothing	212.8	78.54	89.29	87.03	-2.5	-2.5	10.8	7.2
Footwear	64.0	64.84	64.80	57.47	-11.3	-11.3	-11.4	-1.0
Housing	2,522.2	101.98	103.19	100.80	-2.3	-2.3	-1.2	1.1
Actual rentals for housing	666.7	125.59	127.28	127.44	0.1	0.1	1.5	1.6
Imputed rentals for housing	34.4	104.57	105.29	105.29	0.0	0.0	0.7	1.0
Maintenance and repair of the dwelling	517.0	86.82	87.75	90.47	3.1	3.1	4.2	3.8
Water supply and miscellaneous services relating to the dwelling	463.6	95.30	98.34	98.34	0.0	0.0	3.2	0.6
Electricity, gas and other fuels	840.4	96.16	96.16	87.19	-9.3	-9.3	-9.3	-0.7
Household operation	929.2	75.12	76.96	80.09	4.1	4.1	6.6	0.7
Furniture, furnishings, carpets and other floor coverings	128.8	43.50	37.81	33.11	-12.4	-12.4	-23.9	-5.9
Household textiles	58.6	66.55	56.79	54.15	-4.6	-4.6	-18.6	-4.6
Household appliances	246.0	49.42	59.20	70.37	18.9	18.9	42.4	0.7
Glassware, tableware and household utensils	17.2	61.28	63.13	63.20	0.1	0.1	3.1	7.8
Tools and equipment for house and garden	58.2	51.07	48.86	49.48	1.3	1.3	-3.1	-1.1
Goods and services for routine household maintenance and cleaning	420.5	104.93	106.60	108.71	2.0	2.0	3.6	2.0
Health	223.1	85.02	83.93	84.82	1.1	1.1	-0.2	1.9
Medical products, appliances and equipment	152.3	88.82	87.78	89.44	1.9	1.9	0.7	1.2
Out-patient services	52.4	77.72	77.72	77.70	0.0	0.0	0.0	5.7
Other treatments	7.8	74.33	76.36	76.34	0.0	0.0	2.7	1.0
Health products and services n.e.c.	10.5	74.33	64.78	59.73	-7.8	-7.8	-19.6	-5.8
Transport	1,257.4	94.87	101.85	101.57	-0.3	-0.3	7.1	1.6
Purchase of vehicles	442.6	90.24	95.69	95.49	-0.2	-0.2	5.8	1.3
Operation of personal transport equipment	763.3	99.62	105.21	105.83	0.6	0.6	6.2	0.8
Transport services	51.5	64.42	105.11	90.62	-13.8	-13.8	40.7	19.3
Communications	849.6	77.94	77.90	77.89	0.0	0.0	-0.1	7.6
Telephone and telefax equipment	43.8	17.07	16.36	16.08	-1.7	-1.7	-5.8	-20.5
Telephone and telefax services	805.8	81.25	81.25	81.25	0.0	0.0	0.0	8.1
Recreation and culture	1,013.3	76.72	95.35	94.74	-0.6	-0.6	23.5	6.1
Audio-visual, photographic and information processing equipment	58.5	59.98	72.13	62.12	-13.9	-13.9	3.6	-10.9
Other major durables for recreation and culture	20.0	33.19	38.43	38.43	0.0	0.0	15.8	-2.3
Other recreational items and equipment; gardens and pets	266.6	114.75	120.07	122.28	1.8	1.8	6.6	4.3
Recreational and cultural services	309.1	89.04	88.54	94.35	6.6	6.6	6.0	1.4
Newspapers, books and stationery	43.7	75.38	75.57	74.89	-0.9	-0.9	-0.7	7.9
Holidays	315.4	38.58	91.78	84.23	-8.2	-8.2	118.3	21.8
Education	98.0	109.30	109.30	109.49	0.2	0.2	0.2	0.2
Pre primary and primary education	24.0	86.66	86.66	86.66	0.0	0.0	0.0	0.0
Secondary education	43.4	94.62	94.62	94.62	0.0	0.0	0.0	0.5
Post-secondary non-tertiary education	4.6	102.85	102.85	102.85	0.0	0.0	0.0	0.0
Tertiary education	23.6	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	6.7	6.7	6.7	0.9
Restaurants and hotels	442.0	115.34	119.96	119.21	-0.6	-0.6	3.4	3.9
Catering services	429.8	116.36	120.31	120.31	0.0	0.0	3.4	3.9
Accommodation services	12.2	79.43	107.74	80.53	-25.3	-25.3	1.4	2.9
Miscellaneous goods and services	1,222.6	83.81	86.51	86.32	-0.2	-0.2	3.0	3.2
Personal care	427.1	98.54	101.09	101.45	0.4	0.4	3.0	3.4
Personal effects n.e.c.	106.6	86.63	107.40	103.74	-3.4	-3.4	19.7	20.1
Social protection	78.2	115.39	115.39	115.39	0.0	0.0	0.0	0.0
Insurance	610.7	68.97	68.97	68.97	0.0	0.0	0.0	0.0
CPI	10,000.0	96.25	101.66	101.56	-0.1	-0.1	5.5	4.4

Source: Central Bureau of Statistics Aruba

APPENDIX 2

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

DESCRIPTION	WEIGHT coefficient	Monthly	Ytd	End of period	Period average
		Dec - Jan	Dec - Jan	Jan 19 - Jan 20	Jan 19 - Jan 20
Food and non-alcoholic beverages	1,087.7	0.42	0.42	1.82	2.02
Food	964.1	0.42	0.42	1.71	1.89
Non-alcoholic beverages	123.6	0.00	0.00	0.10	0.13
Alcoholic beverages and tobacco	78.2	0.01	0.01	0.12	0.14
Alcoholic beverages for consumption at home	62.2	-0.001	0.00	0.10	0.12
Tobacco	16.0	0.008	0.01	0.03	0.02
Clothing and footwear	276.8	-0.09	-0.09	0.14	0.12
Clothing	212.8	-0.05	-0.05	0.19	0.12
Footwear	64.0	-0.05	-0.05	-0.05	0.00
Housing	2,522.2	-0.59	-0.59	-0.31	0.28
Actual rentals for housing	666.7	0.01	0.01	0.13	0.14
Imputed rentals for housing	34.4	0.00	0.00	0.00	0.00
Maintenance and repair of the dwelling	517.0	0.14	0.14	0.20	0.17
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.15	0.03
Electricity, gas and other fuels	840.4	-0.74	-0.74	-0.78	-0.06
Household operation	929.2	0.29	0.29	0.48	0.05
Furniture, furnishings, carpets and other floor coverings	128.8	-0.06	-0.06	-0.14	-0.04
Household textiles	58.6	-0.02	-0.02	-0.08	-0.02
Household appliances	246.0	0.27	0.27	0.54	0.01
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	-0.01	0.00
Goods and services for routine household maintenance and cleaning	420.5	0.09	0.09	0.17	0.09
Health	223.1	0.02	0.02	0.00	0.04
Medical products, appliances and equipment	152.3	0.02	0.02	0.01	0.02
Out-patient services	52.4	0.00	0.00	0.00	0.02
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	-0.02	0.00
Transport	1,257.4	-0.03	-0.03	0.87	0.20
Purchase of vehicles	442.6	-0.01	-0.01	0.24	0.06
Operation of personal transport equipment	763.3	0.05	0.05	0.49	0.07
Transport services	51.5	-0.07	-0.07	0.14	0.08
Communications	849.6	0.00	0.00	0.00	0.49
Telephone and telefax equipment	43.8	0.00	0.00	0.00	-0.02
Telephone and telefax services	805.8	0.00	0.00	0.00	0.51
Recreation and culture	1,013.3	-0.06	-0.06	1.90	0.52
Audio-visual, photographic and information processing equipment	58.5	-0.06	-0.06	0.01	-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	0.06	0.06	0.21	0.14
Recreational and cultural services	309.1	0.18	0.18	0.17	0.04
Newspapers, books and stationery	43.7	0.00	0.00	0.00	0.03
Holidays	315.4	-0.23	-0.23	1.50	0.36
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	-0.03	-0.03	0.18	0.20
Catering services	429.8	0.00	0.00	0.18	0.20
Accommodation services	12.2	-0.03	-0.03	0.00	0.00
Miscellaneous goods and services	1,222.6	-0.02	-0.02	0.32	0.35
Personal care	427.1	0.01	0.01	0.13	0.15
Personal effects n.e.c.	106.6	-0.04	-0.04	0.19	0.20
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	-0.10	-0.10	5.51	4.41

Source: Central Bureau of Statistics Aruba

APPENDIX 3

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

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly	End of period	Monthly	End of period
		Dec - Jan	Jan 19 - Jan 20	Dec - Jan	Jan 19 - Jan 20
Food & catering services	1,517.5	1.9	9.2	0.420	1.993
Food at home	1,087.7	2.5	11.0	0.420	1.816
Bread and cereals	178.1	2.0	3.4	0.042	0.075
Rice	23.5	-0.1	2.7	0.000	0.009
Bread	72.1	4.4	6.3	0.040	0.059
Pasta products	9.2	-0.5	6.2	0.000	0.006
Other cereals and cereal products	73.3	0.3	0.1	0.002	0.001
Meat	242.5	0.3	4.6	0.008	0.141
Bovine	67.3	0.2	1.0	0.002	0.008
Swine	25.5	-1.5	4.6	-0.005	0.014
Poultry	75.7	-0.1	-0.1	-0.001	-0.001
Other meat and meat preparations	74.0	1.4	13.7	0.013	0.120
Fish and other seafood	49.0	1.6	7.6	0.009	0.041
Fish and seafood preparations	49.0	1.6	7.6	0.009	0.041
Milk, cheese and eggs	135.3	0.8	4.9	0.014	0.085
Cheese	55.4	1.0	4.2	0.008	0.034
Eggs	16.6	3.6	11.5	0.006	0.019
Milk	40.0	-0.1	3.8	0.000	0.022
Other milk products	23.3	-0.1	5.4	0.000	0.011
Oils and fats	32.2	3.1	10.6	0.015	0.050
Corn oil	2.8	-0.2	2.2	0.000	0.001
Butter and margarine	9.2	5.7	14.9	0.009	0.022
Other oils and fats	20.1	2.2	9.7	0.006	0.027
Fruit	97.6	4.0	28.3	0.175	1.057
Oranges	9.4	-1.7	-0.9	-0.002	-0.001
Bananas and plantains	19.9	3.7	3.2	0.015	0.014
Apples	9.3	-1.9	-7.2	-0.003	-0.013
Avocado	5.0	2.0	25.4	0.015	0.160
Grapes	9.2	5.7	15.3	0.010	0.026
Nuts	11.9	-1.2	10.3	-0.001	0.010
Lemons and mandarins	6.0	-2.5	-14.6	-0.002	-0.011
Cherries and strawberries	8.8	6.3	41.0	0.067	0.350
Melons and watermelons	7.7	6.8	53.6	0.050	0.289
Papayas and pineapples	6.9	-3.7	21.8	-0.022	0.108
Other fruits and fruit products	3.5	26.9	109.4	0.048	0.124
Potatoes and other tubers	18.2	6.5	13.0	0.016	0.031
Potatoes	12.2	7.4	10.8	0.014	0.021
Other tubers	2.0	0.1	13.8	0.000	0.002
Sweet potatoes and yucca	4.0	5.3	28.0	0.002	0.008
Vegetables	89.1	8.1	7.1	0.130	0.121
Lettuce	6.8	6.6	29.1	0.005	0.020
Tomatoes	9.7	36.1	33.3	0.048	0.048
Onions and garlic	18.7	6.8	4.2	0.039	0.026
Celery and broccoli	15.3	6.4	-3.6	0.021	-0.014
Other vegetables	15.3	6.7	18.6	0.014	0.037
Other preserved or processed vegetables	8.4		-1.2	0.004	-0.002
Frozen vegetable mixtures	14.8	-0.3	3.2	-0.001	0.006
Sugar, jam, honey and other confectionery	42.0	0.8	8.1	0.003	0.033
Sugar	12.1	0.2	10.6	0.000	0.012
Jams and jellies	2.5	2.5	10.8	0.001	0.003
Other confectionery products	27.5	0.9	6.8	0.003	0.019
Food products n.e.c.	80.1	0.8	8.5	0.007	0.076
Other food products	80.1	0.8	8.5	0.007	0.076
Non-alcoholic beverages	123.6	0.1	6.8	0.001	0.104
Coffee and tea	20.9	-0.2	1.6	0.000	0.003
Other non-alcoholic beverages	14.6	-0.9	4.6	-0.002	0.009
Soft and sports drinks	31.0	0.6	6.0	0.002	0.023
Fruit juices	57.1	0.1	9.3	0.001	0.069
Food away from home	429.8	0.0	3.4	0.000	0.176
Food and beverage consumption away from home	429.8	0.0	3.4	0.000	0.176
Other goods and services	8,482.5	-0.7	4.5	-0.524	3.516
Other goods	4,735.8	-1.0	3.1	-0.437	1.312
Other services	3,746.7	-0.2	6.2	-0.087	2.204
CPI	10,000	-0.1	5.5	-0.103	5.509

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMENTENPRIJSINDEXCIJFER

	JAAR: 2020				JAAR: 2019							
	Basis Jun-19 =100.0	Basis Jun-19 =100.0	Basis Jun-19 =100.0	Basis Jun-19 =100.0	Stijging per maand	Stijging vanaf 1-Jan	Stijging laatste 12 mnd	Stijging gemidd 24 mnd	Stijging per maand	Stijging vanaf 1-Jan	Stijging laatste 12 mnd	Stijging gemidd 24 mnd
	<u>Jan.'19</u>	<u>Dec.'18</u>	<u>Jan.'20</u>	<u>Dec.'19</u>								
Totale Bevolking	96.25	96.67	101.56	101.66	-0.1	-0.1	5.5	4.4	-0.4	-0.4	3.6	3.8
Lagere Inkomens	96.24	96.29	101.03	101.36	-0.3	-0.3	5.0		-0.1	-0.1	4.4	
Hogere Inkomens	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>								
Totale Bevolking	96.66	96.25							0.4	0.0	3.0	3.9
Lagere Inkomens	96.66	96.24							0.4	0.4	3.5	
Hogere Inkomens	96.68	96.29							0.4	-0.2	2.7	
	<u>Mrt.'19</u>	<u>Febr.'19</u>	<u>Mrt.'20</u>	<u>Febr.'20</u>								
Totale Bevolking	98.00	96.66							1.4	1.4	3.5	3.9
Lagere Inkomens	98.07	96.66							1.5	1.8	4.2	
Hogere Inkomens	97.99	96.68							1.3	1.2	3.1	
	<u>Apr.'19</u>	<u>Mrt.'19</u>	<u>Apr.'20</u>	<u>Mrt.'20</u>								
Totale Bevolking	98.83	98.00							0.8	2.2	4.5	4.1
Lagere Inkomens	98.74	98.07							0.7	2.5	4.9	
Hogere Inkomens	98.86	97.99							0.9	2.1	4.4	
	<u>May'19</u>	<u>Apr.'19</u>	<u>May'20</u>	<u>Apr.'20</u>								
Totale Bevolking	99.19	98.83							0.4	2.6	4.5	4.2
Lagere Inkomens	99.37	98.74							0.6	3.2	5.1	
Hogere Inkomens	99.12	98.86							0.3	2.3	4.3	
	<u>Juni'19</u>	<u>May'19</u>	<u>Juni'20</u>	<u>May'20</u>								
Totale Bevolking	100.00	99.19							0.8	3.4	4.8	4.3
Lagere Inkomens	100.00	99.37							0.6	3.9	5.5	
Hogere Inkomens	100.00	99.12							0.9	3.2	4.5	
	<u>Juli'19</u>	<u>Juni'19</u>	<u>Juli'20</u>	<u>Juni'20</u>								
Totale Bevolking	100.06	100.00							0.1	3.5	3.7	4.2
Lagere Inkomens	99.91	100.00							-0.1	3.8	4.3	
Hogere Inkomens	100.13	100.00							0.1	3.4	3.4	
	<u>Aug.'19</u>	<u>Juli'19</u>	<u>Aug.'20</u>	<u>Juli'20</u>								
Totale Bevolking	99.80	100.06							-0.3	3.2	4.0	4.1
Lagere Inkomens	99.75	99.91							-0.2	3.6	4.5	
Hogere Inkomens	99.84	100.13							-0.3	3.1	3.8	
	<u>Sept.'19</u>	<u>Aug.'19</u>	<u>Sept.'20</u>	<u>Aug.'20</u>								
Totale Bevolking	100.00	99.80							0.2	3.4	4.4	4.1
Lagere Inkomens	99.84	99.75							0.1	3.7	4.7	
Hogere Inkomens	100.08	99.83							0.3	3.3	4.2	
	<u>Okt.'19</u>	<u>Sept.'19</u>	<u>Okt.'20</u>	<u>Sept.'20</u>								
Totale Bevolking	100.49	100.00							0.5	3.9	5.0	4.2
Lagere Inkomens	100.54	99.84							0.7	4.4	5.5	
Hogere Inkomens	100.65	100.08							0.6	3.9	5.0	
	<u>Nov.'19</u>	<u>Okt.'19</u>	<u>Nov.'20</u>	<u>Okt.'20</u>								
Totale Bevolking	100.53	100.49							0.04	4.0	4.8	4.2
Lagere Inkomens	100.46	100.54							-0.1	4.3	5.1	
Hogere Inkomens	100.77	100.65							0.1	4.0	4.8	
	<u>Dec.'19</u>	<u>Nov.'19</u>	<u>Dec.'20</u>	<u>Nov.'20</u>								
Totale Bevolking	101.66	100.53							1.1	5.2	5.2	4.3
Lagere Inkomens	101.36	100.46							0.9	5.3	5.3	
Hogere Inkomens	102.11	100.77							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									
March-20									
April-20									
May-20									
June-20									
July-20									
August-20									
September-20									
October-20									
November-20									
December-20									
Average 2020	57.92	31.09	31.99	42.09	12.50	240.09	137.05	204.60	179.20

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