

Consumer Price Index, base period June 2019

August 2020

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

Consumer Price Index for the month of August 2020

The CPI for August 2020 is 100.66, an increase of 0.6% compared to the index of July 2020 (100.10) and accumulating a decrease of 1.0% up to and including August of this year.

The percentage change of the CPI over the last twelve (12) months (August 2019 to August 2020) is 0.9, a decrease of 3.1 ppts compared to the percentage change for the same period of last year (4.0%).

The period average percentage change of the CPI for the period August 2019 - August 2020 is 3.0%, a decrease of 1.1 ppts compared to the period average percentage change over the period August 2018 - August 2019 (4.1%).

During this month, eight (8) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Transport" (1.9%) and "Household operation" (2.0%) sectors, which contributed with an effect of 0.23 and 0.14 ppts, respectively. The increases in the remaining sectors had an effect of 0.25 ppts on the CPI of August 2020.

Aforementioned increases were partially offset mainly by a decrease in the index for the "Food and non-alcoholic beverages" (-0.3%) sector, causing an effect of -0.05 ppts. The decreases in the remaining sectors had an effect of -0.01 ppt on the CPI of August 2020.

The increase in the "Transport" sector was due to increases in the categories "Purchase of vehicles" (3.7%) and "Operation of personal transport equipment" (1.0%), which contributed to an effect of 0.16 and 0.07 ppts, respectively. The increase in the "Household operation" sector was mainly caused by an increase in the category "Household appliances" (15.1%), which contributed to an effect of 0.17 ppts.

The decrease in the "Food and non-alcoholic beverages" sector was due to a decrease in the category "Food" (-0.4%), which contributed to an effect of -0.06 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to July 2020, 34.1% of these products had an increase in price, causing an effect of 1.25 ppts, while 27.2% showed a decrease, contributing to an effect of -0.69 ppts and the remaining 38.6% had no change in price. The prices of goods increased by 1.1% and caused an influence of 0.63 ppts. The prices of services showed a decrease of 0.2% and had an influence of -0.07 ppts on the CPI of August 2020.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 4.4% in August 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -5.9%. The food index showed an increase of 6.8%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in August 2020 is Afl. 4,979, a decrease of Afl. 2 compared to August 2019 (Afl. 4,981). The subsistence level for a single adult household is Afl. 2,371, a decrease of Afl. 1 compared to August 2019 (Afl. 2,372).

October 2, 2020



CPI	(BASE JUN 2019 = 100)
Index	↑ 100.66
Monthly	↑ 0.6
Year-to-date	↓ -1.0
End of period	↑ 0.9
Period average	↑ 3.0
Goods	↑ 1.1
Services	↓ -0.2

CPIC	
CPIC	↑ 4.4
Energy	↓ -5.9
Food	↑ 6.8

SUBSISTENCE LEVEL	in AFL.
1 adult	↓ 2,371
2 adults + 2 children	↓ 4,979

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

	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
<i>Index</i>	99.80	100.00	100.49	100.53	101.66	101.56	101.73	101.43	100.69	99.96	99.75	100.10	100.66
<i>Monthly</i>	-0.3	0.2	0.5	0.0	1.13	-0.1	0.2	-0.3	-0.7	-0.7	-0.2	0.4	0.6
<i>Year-to-date</i>	3.2	3.4	3.9	4.0	5.2	-0.1	0.1	-0.2	-1.0	-1.7	-1.9	-1.5	-1.0
<i>End of period</i>	4.0	4.4	5.0	4.8	5.2	5.5	5.2	3.5	1.9	0.8	-0.3	0.04	0.9
<i>Period average</i>	4.1	4.1	4.2	4.2	4.3	4.4	4.6	4.6	4.4	4.1	3.6	3.3	3.0
<i>Goods</i>	0.1	0.1	0.0	-0.4	0.6	0.0	-0.5	-0.5	-1.3	-1.2	-0.4	0.8	1.1
<i>Services</i>	-0.7	0.4	1.2	0.7	1.9	-0.2	1.1	0.0	0.1	-0.1	-0.01	-0.24	-0.17
<i>CPIC</i>	3.0	3.0	3.2	3.4	3.5	3.8	4.1	4.3	4.3	4.4	4.3	4.3	4.4
<i>Energy</i>	1.4	0.8	0.3	-0.2	-0.3	-0.5	-0.7	-1.2	-2.1	-3.4	-4.4	-5.1	-5.9
<i>Food</i>	12.8	13.1	13.5	13.5	13.2	13.0	13.3	12.7	12.1	10.9	9.5	8.2	6.8
<i>1 adult</i>	2,372	2,377	2,382	2,375	2,387	2,393	2,395	2,385	2,382	2,366	2,366	2,362	2,371
<i>2 adults +2 children</i>	4,981	4,992	5,002	4,987	5,013	5,026	5,030	5,009	5,002	4,968	4,969	4,960	4,979

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Jul - Aug	Percentage changes			
			Monthly Jul - Aug	Year-to-date Dec - Aug	End of period Aug 19 - Aug 20	Period average Aug 19 - Aug 20
CPI	10,000.0	0.56	0.6	-1.0	0.9	3.0
<i>01. Food and non-alcoholic beverages</i>	1,087.7	-0.05	-0.3	1.7	0.3	6.7
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.3	1.4	1.5	7.9
<i>03. Clothing and footwear</i>	276.8	0.11	5.6	-11.8	-3.7	2.3
<i>04. Housing</i>	2,522.2	0.06	0.2	-2.0	-1.7	-0.6
<i>05. Household operation</i>	929.2	0.14	2.0	-3.9	-1.2	0.8
<i>06. Health</i>	223.1	-0.01	-0.5	3.1	1.8	0.4
<i>07. Transport</i>	1,257.4	0.23	1.9	-4.2	-3.0	-1.0
<i>08. Communications</i>	849.6	0.00	0.0	0.0	0.0	1.8
<i>09. Recreation and culture</i>	1,013.3	0.06	0.6	3.1	20.2	19.2
<i>10. Education</i>	98.0	0.00	0.0	0.2	0.2	0.1
<i>11. Restaurants and hotels</i>	442.0	0.00	-0.03	-0.5	1.8	3.0
<i>12. Miscellaneous goods and services</i>	1,222.6	0.02	0.2	-0.5	-0.3	1.5

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Household appliances</i>	15.1	0.17
<i>Purchase of vehicles</i>	3.7	0.16
<i>Operation of personal transport equipment</i>	1.0	0.07
<i>Clothing</i>	3.9	0.06

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Furniture, furnishings, carpets and other floor coverings</i>	-22.8	-0.11
<i>Food</i>	-0.4	-0.06
<i>Holidays</i>	-1.6	-0.05
<i>Glassware, tableware and household utensils</i>	-10.5	-0.01
<i>Health products and services n.e.c.</i>	-8.2	-0.01

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In August 2020 the average price per barrel of crude oil (US\$ 42.33) had an increase of US\$ 1.75 (4.3%) compared to July 2020 (US\$ 40.58).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in August 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 August 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 August 2020, it stayed at Afl. 42.09 cents per kWh. The prices of electricity and water did not change compared to July 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 August 2020 the price of gasoline registered an increase of Afl. 3.20 cents (1.8%) and had an effect of 0.07 ppts on the CPI. The price of diesel registered an increase of Afl. 5.70 cents (4.2%) and had an effect of 0.01 ppt on the CPI of August 2020.

In August 2020, utilities, gasoline and diesel as a group showed an increase in price of 0.6% compared to July 2020, and had an influence of 0.08 ppts on the CPI, while the remaining 404 goods and services, as a group, experienced an increase of 0.6% in price, causing an effect of 0.48 ppt on the CPI.

Table 6 Effect on the CPI of August 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	1.8	0.07
Water	367.3	0.0	0.00
Diesel	30.2	4.2	0.01
Total group	1,638.1	0.6	0.08
Remaining goods and services	8,361.9	0.6	0.48
CPI	10,000.0	0.6	0.56

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 ≤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	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	17.39	31.09	31.99	240.09	137.05	160.60	136.70
May	60.89	34.52	35.72	265.65	137.05	209.50	185.00	26.57	31.09	31.99	240.09	137.05	144.70	119.00
June	54.66	34.52	35.72	265.65	137.05	209.50	183.70	38.19	31.09	31.99	240.09	137.05	160.50	121.60
July	57.28	34.52	35.72	265.65	137.05	208.00	174.20	40.58	31.09	31.99	240.09	137.05	174.90	135.00
August	55.17	34.52	35.72	265.65	137.05	215.10	177.20	42.33	31.09	31.99	240.09	137.05	178.10	140.70
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	38.01	31.09	31.99	240.09	137.05	177.81	145.65

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 in m³

⁵ Gasoline and diesel prices in Afl. cents per liter

Change in prices of Food & catering services in August 2020

The "Food & catering services" index showed a decrease of 0.3% in August 2020, after an increase of 0.4% in July 2020. The index for "Food at home" showed a decrease of 0.3% in August, as seven (7) of the eleven (11) "Food at home" indices decreased in August 2020. The "Vegetables" index registered the largest decrease (-2.5%) in August 2020. Furthermore, decreases were posted in the indices for "Fish and other seafood" (-1.6%), "Bread and cereals" (-0.8%) and "Fruit" (-0.4%).

The "Potatoes and other tubers" index registered the largest increase (8.8%) in August 2020.

Over the last twelve (12) months, the "Food & catering services" has increased by 0.7%. The "Food at home" index showed an increase of 0.3%. The "Food products n.e.c." index increased by 4.8%, the largest increase among the "Food at home" food groups, while the "Vegetables" index decreased by 5.5%, the largest decrease among the "Food at home" food groups.

The index for "Food away from home" shows a decrease of 0.1% in August 2020 and has increased by 2.0% over the last twelve (12) months.

In August 2020, "Food at home" and "Food away from home" as a group showed a decrease in price of 0.3% compared to July 2020, and had an influence of -0.06 pts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.8%, causing an effect of 0.61 pts on the CPI.

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

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	-0.3	-0.05
<i>Food away from home</i>	429.8	-0.1	0.00
<i>Total group</i>	1,517.5	-0.3	-0.06
<i>Remaining goods and services</i>	8,482.5	0.8	0.61
<i>CPI</i>	10,000.0	0.6	0.56

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Percentage changes			Effect					
		Weight coefficient	Aug-19	Jul-20	Aug-20	Monthly Jun - Jul	Monthly Jul - Aug	End of period Aug 19 - Aug 20	Monthly Jul - Aug	End of period Aug 19 - Aug 20
Food & catering services		1,517.5	148.58	149.92	149.55	0.4	-0.3	0.7	-0.057	0.147
Food at home		1,087.7	160.63	161.56	161.06	0.5	-0.3	0.3	-0.054	0.047
<i>Bread and cereals</i>		178.1	118.87	125.46	124.44	1.3	-0.8	4.7	-0.018	0.099
<i>Meat</i>		242.5	126.37	128.86	128.69	0.4	-0.1	1.8	-0.004	0.056
<i>Fish and other seafood</i>		49.0	112.69	115.63	113.81	2.0	-1.6	1.0	-0.009	0.006
<i>Milk, cheese and eggs</i>		135.3	126.15	128.84	128.62	-0.3	-0.2	2.0	-0.003	0.033
<i>Oils and fats</i>		32.2	151.15	154.09	154.46	-0.1	0.2	2.2	0.001	0.011
<i>Fruit</i>		97.6	477.38	464.78	462.81	-0.3	-0.4	-3.1	-0.019	-0.142
<i>Potatoes and other tubers</i>		18.2	143.37	134.40	146.29	-8.3	8.8	2.0	0.022	0.005
<i>Vegetables</i>		89.1	193.96	188.00	183.36	5.7	-2.5	-5.5	-0.041	-0.095
<i>Sugar, jam, honey and other confectionery</i>		42.0	99.24	99.92	101.81	0.7	1.9	2.6	0.008	0.011
<i>Food products n.e.c.</i>		80.1	116.33	122.02	121.89	0.3	-0.1	4.8	-0.001	0.045
<i>Non-alcoholic beverages</i>		123.6	125.19	125.76	126.65	-0.9	0.7	1.2	0.011	0.005
Food away from home		429.8	118.09	120.49	120.41	-0.01	-0.1	2.0	-0.003	0.100
Other goods and services		8,482.5	91.08	91.19	91.91	0.3	0.8	0.9	0.615	0.712
<i>Other goods</i>		4,735.8	89.95	86.31	87.75	0.9	1.7	-2.4	0.682	-1.044
<i>Other services</i>		3,746.7	92.49	97.35	97.17	-0.3	-0.2	5.1	-0.067	1.756
CPI		10,000.0	99.80	100.10	100.66	0.4	0.6	0.9	0.558	0.859

Source: Central Bureau of Statistics Aruba

APPENDIX 1

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

DESCRIPTION	WEIGHT coefficient	2019 Aug	2019 Dec	2020 Jul	2020 Aug	Monthly Jul - Aug	Ytd Dec - Aug	End of period Aug 19 - Aug 20	Period average Aug 19 - Aug 20
Food and non-alcoholic beverages	1,087.7	160.63	158.32	161.56	161.06	-0.3	1.7	0.3	6.7
Food	964.1	165.17	162.32	166.14	165.47	-0.4	1.9	0.2	6.8
Non-alcoholic beverages	123.6	125.19	127.08	125.76	126.65	0.7	-0.3	1.2	5.2
Alcoholic beverages and tobacco	78.2	132.91	133.04	134.49	134.89	0.3	1.4	1.5	7.9
Alcoholic beverages for consumption at home	62.2	114.87	114.88	114.57	115.08	0.4	0.2	0.2	8.6
Tobacco	16.0	203.00	203.61	211.88	211.88	0.0	4.1	4.4	6.5
Clothing and footwear	276.8	76.60	83.63	69.89	73.80	5.6	-11.8	-3.7	2.3
Clothing	212.8	80.82	89.29	77.22	80.26	3.9	-10.1	-0.7	5.8
Footwear	64.0	62.56	64.80	45.54	52.30	14.8	-19.3	-16.4	-12.1
Housing	2,522.2	102.88	103.19	100.90	101.15	0.2	-2.0	-1.7	-0.6
Actual rentals for housing	666.7	126.65	127.28	128.39	128.55	0.1	1.0	1.5	1.5
Imputed rentals for housing	34.4	105.29	105.29	105.29	105.29	0.0	0.0	0.0	0.5
Maintenance and repair of the dwelling	517.0	89.76	87.75	89.74	90.73	1.1	3.4	1.1	2.7
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	2.4
Electricity, gas and other fuels	840.4	96.16	96.16	87.19	87.19	0.0	-9.3	-9.3	-6.2
Household operation	929.2	74.92	76.96	72.51	73.99	2.0	-3.9	-1.2	0.8
Furniture, furnishings, carpets and other floor coverings	128.8	45.54	37.81	35.91	27.72	-22.8	-26.7	-39.1	-21.0
Household textiles	58.6	60.93	56.79	37.64	45.27	20.3	-20.3	-25.7	-19.4
Household appliances	246.0	47.29	59.20	45.07	51.90	15.1	-12.3	9.8	11.8
Glassware, tableware and household utensils	17.2	65.11	63.13	63.58	56.90	-10.5	-9.9	-12.6	0.4
Tools and equipment for house and garden	58.2	46.61	48.86	47.08	52.86	12.3	8.2	13.4	0.0
Goods and services for routine household maintenance and cleaning	420.5	106.36	106.60	108.51	108.71	0.2	2.0	2.2	2.3
Health	223.1	84.96	83.93	86.95	86.49	-0.5	3.1	1.8	0.4
Medical products, appliances and equipment	152.3	88.53	87.78	90.93	90.69	-0.3	3.3	2.4	0.8
Out-patient services	52.4	77.72	77.72	80.07	80.00	-0.1	2.9	2.9	1.6
Other treatments	7.8	76.07	76.36	78.67	78.60	-0.1	2.9	3.3	2.9
Health products and services n.e.c.	10.5	76.07	64.78	69.77	64.02	-8.2	-1.2	-15.8	-14.6
Transport	1,257.4	100.58	101.85	95.76	97.60	1.9	-4.2	-3.0	-1.0
Purchase of vehicles	442.6	90.24	95.69	95.54	99.12	3.7	3.6	9.8	4.7
Operation of personal transport equipment	763.3	107.91	105.21	96.61	97.58	1.0	-7.2	-9.6	-4.9
Transport services	51.5	80.73	105.11	85.05	84.78	-0.3	-19.3	5.0	18.3
Communications	849.6	77.95	77.90	77.90	77.91	0.0	0.0	0.0	1.8
Telephone and telefax equipment	43.8	17.20	16.36	16.29	16.58	1.8	1.4	-3.6	-15.6
Telephone and telefax services	805.8	81.25	81.25	81.25	81.25	0.0	0.0	0.0	2.0
Recreation and culture	1,013.3	81.80	95.35	97.70	98.33	0.6	3.1	20.2	19.2
Audio-visual, photographic and information processing equipment	58.5	54.86	72.13	51.35	56.25	9.6	-22.0	2.5	-6.9
Other major durables for recreation and culture	20.0	33.65	38.43	27.27	39.95	46.5	3.9	18.7	0.6
Other recreational items and equipment; gardens and pets	266.6	118.57	120.07	123.99	125.87	1.5	4.8	6.2	6.2
Recreational and cultural services	309.1	89.04	88.54	94.40	94.57	0.2	6.8	6.2	3.8
Newspapers, books and stationery	43.7	76.39	75.57	76.19	76.75	0.7	1.6	0.5	-0.8
Holidays	315.4	52.45	91.78	94.77	93.24	-1.6	1.6	77.8	84.8
Education	98.0	109.30	109.30	109.49	109.49	0.0	0.2	0.2	0.1
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	0.0
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	4.4
Restaurants and hotels	442.0	117.24	119.96	119.37	119.33	0.0	-0.5	1.8	3.0
Catering services	429.8	118.09	120.31	120.49	120.41	-0.1	0.1	2.0	3.1
Accommodation services	12.2	87.11	107.74	79.92	81.12	1.5	-24.7	-6.9	1.5
Miscellaneous goods and services	1,222.6	86.34	86.51	85.95	86.08	0.2	-0.5	-0.3	1.5
Personal care	427.1	101.09	101.09	100.42	100.47	0.0	-0.6	-0.6	1.3
Personal effects n.e.c.	106.6	105.39	107.40	103.06	104.46	1.4	-2.7	-0.9	9.0
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	0.1
CPI	10,000.0	99.80	101.66	100.10	100.66	0.6	-1.0	0.86	3.0

Source: Central Bureau of Statistics Aruba

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

DESCRIPTION	WEIGHT coefficient	Monthly Jul - Aug	Ytd Dec - Aug	End of period Aug 19 - Aug 20	Period average Aug 19 - Aug 20
Food and non-alcoholic beverages	1,087.7	-0.05	0.29	0.05	1.12
Food	964.1	-0.06	0.30	0.03	1.04
Non-alcoholic beverages	123.6	0.01	-0.01	0.02	0.08
Alcoholic beverages and tobacco	78.2	0.00	0.01	0.02	0.08
Alcoholic beverages for consumption at home	62.2	0.00	0.00	0.00	0.06
Tobacco	16.0	0.00	0.01	0.01	0.02
Clothing and footwear	276.8	0.11	-0.27	-0.08	0.05
Clothing	212.8	0.06	-0.19	-0.01	0.10
Footwear	64.0	0.04	-0.08	-0.07	-0.05
Housing	2,522.2	0.06	-0.51	-0.44	-0.15
Actual rentals for housing	666.7	0.01	0.08	0.13	0.13
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	0.05	0.12
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.14	0.11
Electricity, gas and other fuels	840.4	0.00	-0.74	-0.76	-0.51
Household operation	929.2	0.14	-0.27	-0.09	0.06
Furniture, furnishings, carpets and other floor coverings	128.8	-0.11	-0.13	-0.23	-0.12
Household textiles	58.6	0.04	-0.07	-0.09	-0.07
Household appliances	246.0	0.17	-0.18	0.11	0.15
Glassware, tableware and household utensils	17.2	-0.01	-0.01	-0.01	0.00
Tools and equipment for house and garden	58.2	0.03	0.02	0.04	0.00
Goods and services for routine household maintenance and cleaning	420.5	0.01	0.09	0.10	0.11
Health	223.1	-0.01	0.06	0.03	0.01
Medical products, appliances and equipment	152.3	0.00	0.04	0.03	0.01
Out-patient services	52.4	0.00	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	-0.01	0.00	-0.01	-0.01
Transport	1,257.4	0.23	-0.53	-0.38	-0.13
Purchase of vehicles	442.6	0.16	0.15	0.39	0.19
Operation of personal transport equipment	763.3	0.07	-0.57	-0.79	-0.40
Transport services	51.5	0.00	-0.10	0.02	0.08
Communications	849.6	0.00	0.00	0.00	0.12
Telephone and telefax equipment	43.8	0.00	0.00	0.00	-0.01
Telephone and telefax services	805.8	0.00	0.00	0.00	0.13
Recreation and culture	1,013.3	0.06	0.30	1.68	1.58
Audio-visual, photographic and information processing equipment	58.5	0.03	-0.09	0.01	-0.02
Other major durables for recreation and culture	20.0	0.03	0.00	0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	0.05	0.15	0.19	0.20
Recreational and cultural services	309.1	0.01	0.18	0.17	0.11
Newspapers, books and stationery	43.7	0.00	0.01	0.00	0.00
Holidays	315.4	-0.05	0.05	1.29	1.31
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	0.00	-0.03	0.09	0.16
Catering services	429.8	0.00	0.00	0.10	0.16
Accommodation services	12.2	0.00	-0.03	-0.01	0.00
Miscellaneous goods and services	1,222.6	0.02	-0.05	-0.03	0.16
Personal care	427.1	0.00	-0.03	-0.03	0.06
Personal effects n.e.c.	106.6	0.01	-0.03	-0.01	0.10
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	0.56	-0.99	0.86	3.04

Source: Central Bureau of Statistics Aruba

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for August 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Jul - Aug	End of period Aug 19 - Aug 20	Monthly Jul - Aug	End of period Aug 19 - Aug 20
Food & catering services	1,517.5	-0.3	0.7	0.147	0.147
Food at home	1,087.7	-0.3	0.3	0.047	0.047
Bread and cereals	178.1	-0.8	4.7	0.099	0.099
Rice	23.5	-0.1	3.1	0.000	0.010
Bread	72.1	-0.1	11.5	-0.001	0.107
Pasta products	9.2	-0.1	-1.0	0.000	-0.001
Other cereals and cereal products	73.3	-2.2	-2.1	-0.017	-0.016
Meat	242.5	-0.1	1.8	0.056	0.056
Bovine	67.3	0.8	4.4	0.007	0.036
Swine	25.5	-0.2	4.6	-0.001	0.014
Poultry	75.7	-1.5	-2.9	-0.015	-0.029
Other meat and meat preparations	74.0	0.5	3.7	0.005	0.035
Fish and other seafood	49.0	-1.6	1.0	0.006	0.006
Fish and seafood preparations	49.0	-1.6	1.0	-0.009	0.006
Milk, cheese and eggs	135.3	-0.2	2.0	0.033	0.033
Cheese	55.4	1.1	3.9	0.009	0.031
Eggs	16.6	-1.7	15.2	-0.003	0.023
Milk	40.0	-1.7	-1.9	-0.010	-0.011
Other milk products	23.3	0.7	-4.9	0.001	-0.010
Oils and fats	32.2	0.2	2.2	0.011	0.011
Corn oil	2.8	1.2	2.9	0.001	0.001
Butter and margarine	9.2	2.0	5.4	0.003	0.008
Other oils and fats	20.1	-0.9	0.3	-0.003	0.001
Fruit	97.6	-0.4	-3.1	-0.142	-0.142
Oranges	9.4	3.1	18.3	0.004	0.021
Bananas and plantains	19.9	-4.2	-10.1	-0.018	-0.048
Apples	9.3	1.0	-1.7	0.002	-0.003
Avocado	5.0	-5.2	-14.4	-0.044	-0.134
Grapes	9.2	8.2	8.8	0.014	0.015
Nuts	11.9	-1.3	-0.3	-0.001	0.000
Lemons and mandarins	6.0	-3.8	-5.7	-0.002	-0.004
Cherries and strawberries	8.8	0.5	-3.9	0.005	-0.039
Melons and watermelons	7.7	-0.2	0.6	-0.002	0.005
Papayas and pineapples	6.9	-1.1	-10.4	-0.007	-0.069
Other fruits and fruit products	3.5	11.3	60.6	0.031	0.113
Potatoes and other tubers	18.2	8.8	2.0	0.005	0.005
Potatoes	12.2	11.6	3.2	0.022	0.007
Other tubers	2.0	-1.3	5.0	0.000	0.001
Sweet potatoes and yucca	4.0	-0.7	-6.7	0.000	-0.002
Vegetables	89.1	-2.5	-5.5	-0.095	-0.095
Lettuce	6.8	-3.4	-34.4	-0.002	-0.028
Tomatoes	9.7	-1.0	12.1	-0.001	0.016
Onions and garlic	18.7	0.8	-9.2	0.005	-0.061
Celery and broccoli	15.3	-11.2	-7.0	-0.040	-0.024
Other vegetables	15.3	-4.2	-2.1	-0.009	-0.004
Other preserved or processed vegetables	8.4	-2.1	3.0	-0.003	0.003
Frozen vegetable mixtures	14.8	4.6	1.7	0.009	0.003
Sugar, jam, honey and other confectionery	42.0	1.9	2.6	0.011	0.011
Sugar	12.1	5.2	3.7	0.006	0.004
Jams and jellies	2.5	-1.5	4.2	0.000	0.001
Other confectionery products	27.5	0.9	2.0	0.003	0.005
Food products n.e.c.	80.1	-0.1	4.8	0.045	0.045
Other food products	80.1	-0.1	4.8	-0.001	0.045
Non-alcoholic beverages	123.6	0.7	1.2	0.018	0.018
Coffee and tea	20.9	1.0	2.6	0.002	0.005
Other non-alcoholic beverages	14.6	0.2	0.8	0.000	0.002
Soft and sports drinks	31.0	0.1	0.7	0.001	0.003
Fruit juices	57.1	1.0	1.1	0.008	0.009
Food away from home	429.8	-0.1	2.0	0.100	0.100
Food and beverage consumption away from home	429.8	-0.1	2.0	-0.003	0.100
Other goods and services	8,482.5	0.8	0.9	0.712	0.712
Other goods	4,735.8	1.7	-2.4	0.682	-1.044
Other services	3,746.7	-0.2	5.1	-0.067	1.756
CPI	10,000	0.6	0.86	0.558	0.859

Source: Central Bureau of Statistics Aruba

APPENDIX 4

Overview of Consumer Price Index (CPI) 2019 - 2020, (Jun 2019 = 100)

	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	YEAR: 2020				YEAR: 2019			
					CHANGE				CHANGE			
					Monthly	Year-to date	Yearly	Period average	Monthly	Year-to date	Yearly	Period average
	Jan'19	Dec'18	Jan'20	Dec'19								
<u>Total Population</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
Low Income	96.24	96.29	101.03	101.36	-0.3	-0.3	5.0		-0.1	-0.1	4.4	
High Income	96.29	96.86	102.06	102.11	-0.04	-0.04	6.0		-0.6	-0.6	3.3	
	Feb'19	Jan'19	Feb'20	Jan'20								
<u>Total Population</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
Low Income	96.66	96.24	101.64	101.03	0.6	0.3	5.2		0.4	0.4	3.5	
High Income	96.68	96.29	102.46	102.06	0.4	0.3	6.0		0.4	-0.2	2.7	
	Mar'19	Feb'19	Mar'20	Feb'20								
<u>Total Population</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
Low Income	98.07	96.66	101.36	101.64	-0.3	0.0	3.4		1.5	1.8	4.2	
High Income	97.99	96.68	102.11	102.46	-0.3	0.0	4.2		1.3	1.2	3.1	
	Apr'19	Mar'19	Apr'20	Mar'20								
<u>Total Population</u>	98.83	98.00	100.69	101.43	-0.7	-1.0	1.9	4.4	0.8	2.2	4.5	4.1
Low Income	98.74	98.07	100.93	101.36	-0.4	-0.4	2.2		0.7	2.5	4.9	
High Income	98.86	97.99	101.23	102.11	-0.9	-0.9	2.4		0.9	2.1	4.4	
	May'19	Apr'19	May'20	Apr'20								
<u>Total Population</u>	99.19	98.83	99.96	100.69	-0.7	-1.7	0.8	4.1	0.4	2.6	4.5	4.2
Low Income	99.37	98.74	100.20	100.93	-0.7	-1.1	0.8		0.6	3.2	5.1	
High Income	99.12	98.86	100.53	101.23	-0.7	-1.5	1.4		0.3	2.3	4.3	
	Jun'19	May'19	Jun'20	May'20								
<u>Total Population</u>	100.00	99.19	99.75	99.96	-0.2	-1.9	-0.3	3.6	0.8	3.4	4.8	4.3
Low Income	100.00	99.37	99.76	100.20	-0.4	-1.6	-0.2		0.6	3.9	5.5	
High Income	100.00	99.12	100.48	100.53	-0.1	-1.6	0.5		0.9	3.2	4.5	
	Jul'19	Jun'19	Jul'20	Jun'20								
<u>Total Population</u>	100.06	100.00	100.10	99.75	0.4	-1.5	0.04	3.3	0.1	3.5	3.7	4.2
Low Income	99.91	100.00	100.18	99.76	0.4	-1.2	0.3		-0.1	3.8	4.3	
High Income	100.13	100.00	100.71	100.48	0.2	-1.4	0.6		0.1	3.4	3.4	
	Aug'19	Jul'19	Aug'20	Jul'20								
<u>Total Population</u>	99.80	100.06	100.66	100.10	0.6	-1.0	0.9	3.0	-0.3	3.2	4.0	4.1
Low Income	99.75	99.91	100.73	100.18	0.5	-0.9	1.0		-0.2	3.6	4.5	
High Income	99.84	100.13	101.28	100.71	0.6	-0.4	1.4		-0.3	3.1	3.8	
	Sep'19	Aug'19	Sep'20	Aug'20								
<u>Total Population</u>	100.00	99.80							0.2	3.4	4.4	4.1
Low Income	99.84	99.75							0.1	3.7	4.7	
High Income	100.08	99.83							0.3	3.3	4.2	
	Oct'19	Sep'19	Oct'20	Sep'20								
<u>Total Population</u>	100.49	100.00							0.5	3.9	5.0	4.2
Low Income	100.54	99.84							0.7	4.4	5.5	
High Income	100.65	100.08							0.6	3.9	5.0	
	Nov'19	Oct'19	Nov'20	Oct'20								
<u>Total Population</u>	100.53	100.49							0.04	4.0	4.8	4.2
Low Income	100.46	100.54							-0.1	4.3	5.1	
High Income	100.77	100.65							0.1	4.0	4.8	
	Dec'19	Nov'19	Dec'20	Nov'20								
<u>Total Population</u>	101.66	100.53							1.1	5.2	5.2	4.3
Low Income	101.36	100.46							0.9	5.3	5.3	
High Income	102.11	100.77							1.3	5.4	5.4	

Source: Central Bureau of Statistics Aruba

APPENDIX 5

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

Month	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	17.39	31.09	31.99	42.09	12.50	240.09	137.05	160.60	136.70
May-20	26.57	31.09	31.99	42.09	12.50	240.09	137.05	144.70	119.00
June-20	38.19	31.09	31.99	42.09	12.50	240.09	137.05	160.50	121.60
July-20	40.58	31.09	31.99	42.09	12.50	240.09	137.05	174.90	135.00
August-20	42.33	31.09	31.99	42.09	12.50	240.09	137.05	178.10	140.70
September-20									
October-20									
November-20									
December-20									
Average 2020	38.00	31.09	31.99	42.09	12.50	240.09	137.05	177.81	145.65

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