

Consumer Price Index, base period June 2019

July 2021

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of July 2021.

Consumer Price Index for the month of July 2021

The CPI for July 2021 is 98.53, an increase of 0.5% compared to the index of June 2021 (98.09) and accumulating an increase of 1.5% up to and including July of this year.

The percentage change of the CPI over the last twelve (12) months (July 2020 to July 2021) is 1.8, an increase of 5.0 percentage points (ppts) compared to the percentage change for the same period of last year (-3.2%).

The period average percentage change of the CPI for the period July 2020 - July 2021 is -1.4%, a decrease of 2.8 ppts compared to the period average percentage change over the period July 2019 - July 2020 (1.4%).

During this month, seven (7) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Housing" (1.3%) and "Food and non-alcoholic beverages" (0.9%) sectors, which contributed with an effect of 0.34 and 0.09 ppts, respectively. The increases in the remaining sectors had an effect of 0.25 ppts on the CPI of July 2021.

Aforementioned increases were partially offset by decreases in the indices for the "Household operation" (-1.8%) and "Recreation and culture" (-0.7%) sectors, causing an effect of -0.16 and -0.07 ppts, respectively.

The increase in the "Housing" sector was mainly due to an increase in the category "Maintenance and repair of the dwelling" (5.9%), which contributed to an effect of 0.32 ppts. The increase in the "Food and non-alcoholic beverages" sector was mainly due to an increase in the category "Food" (1.0%), which contributed to an effect of 0.09 ppts.

The decrease in the "Household operation" sector was mainly due to a decrease in the category "Household appliances" (-5.2%), which contributed to an effect of -0.13 ppts. The decrease in the "Recreation and culture" sector was mainly caused by a decrease of 2.3% in the category "Holidays", which contributed to an effect of -0.07 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to June 2021, 49.0% of these products had an increase in price, causing an effect of 1.15 ppts, while 35.3% showed a decrease, contributing to an effect of -0.70 ppts and the remaining 15.7% had no change in price. The prices of goods increased by 0.8% and caused an influence of 0.44 ppts. The prices of services showed a slight increase of 0.03% and had an influence of 0.01 ppt on the CPI of July 2021.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was -1.4% in July 2021. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -0.9%. The food index showed a decrease of -2.3%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in July 2021 is Afl. 4,815, an increase of Afl. 55 compared to July 2020 (Afl. 4,760). The subsistence level for a single adult household is Afl. 2,293, an increase of Afl. 26 compared to July 2020 (Afl. 2,267).

August 25, 2021



CPI (BASE JUN 2019 = 100)

Index	↑	98.53
Monthly	↑	0.5
Year-to-date	↑	1.5
End of period	↑	1.8
Period average	↓	-1.4
Goods	↑	0.8
Services	↑	0.03

CPIC

CPIC	↓	-1.4
Energy	↓	-0.9
Food	↓	-2.3

SUBSISTENCE LEVEL in Afl.

1 adult	↑	2,293
2 adults + 2 children	↑	4,815

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

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21
<i>Index</i>	96.83	97.45	97.14	96.97	96.93	97.06	96.89	97.00	97.59	97.57	97.39	98.09	98.53
<i>Monthly</i>	-0.3	0.6	-0.3	-0.2	-0.04	0.1	-0.2	0.1	0.6	-0.02	-0.2	0.7	0.5
<i>Year-to-date</i>	-3.3	-2.7	-3.0	-3.2	-3.2	-3.1	-0.2	-0.1	0.5	0.5	0.3	1.1	1.5
<i>End of period</i>	-3.2	-2.5	-2.3	-2.8	-2.7	-3.1	-2.7	-1.9	-1.1	-0.4	-0.2	1.0	1.8
<i>Period average</i>	1.4	0.9	0.4	-0.2	-0.8	-1.3	-1.8	-2.2	-2.3	-2.3	-2.2	-1.8	-1.4
<i>Goods</i>	0.1	1.4	-0.6	-0.2	-0.2	0.0	-0.2	0.4	1.2	1.2	-0.4	0.6	0.8
<i>Services</i>	-0.9	-0.4	0.07	-0.1	0.1	0.3	-0.2	-0.3	-0.1	-0.1	0.2	0.8	0.0
<i>CPIC</i>	2.3	1.9	1.5	1.0	0.5	0.1	-0.5	-0.9	-1.2	-1.4	-1.7	-1.6	-1.4
<i>Energy</i>	-3.6	-4.6	-5.4	-6.2	-6.9	-7.9	-8.0	-7.9	-7.5	-6.1	-4.1	-2.4	-0.9
<i>Food</i>	3.7	2.6	1.6	0.7	-0.1	-0.8	-1.5	-2.0	-2.3	-2.6	-2.6	-2.5	-2.3
<i>1 adult</i>	2,267	2,276	2,277	2,273	2,266	2,265	2,257	2,258	2,258	2,262	2,263	2,271	2,293
<i>2 adults + 2 children</i>	4,760	4,781	4,782	4,773	4,759	4,757	4,739	4,742	4,741	4,750	4,752	4,770	4,815

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Jun - Jul	Percentage changes			
			Monthly Jun - Jul	Year-to-date Dec - Jul	End of period Jul 20 - Jul 21	Period average Jul 20 - Jul 21
CPI	10,000.0	0.45	0.5	1.5	1.8	-1.4
<i>01. Food and non-alcoholic beverages</i>	1,087.7	0.09	0.9	0.8	-0.3	-2.1
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.0	0.6	-0.2	0.0
<i>03. Clothing and footwear</i>	276.8	0.08	3.2	-2.7	-1.3	-8.2
<i>04. Housing</i>	2,522.2	0.34	1.3	1.5	2.6	-0.6
<i>05. Household operation</i>	929.2	-0.16	-1.8	-2.5	-1.2	-3.3
<i>06. Health</i>	223.1	0.02	0.9	-1.3	-4.3	-3.2
<i>07. Transport</i>	1,257.4	0.07	0.5	13.9	14.9	0.4
<i>08. Communications</i>	849.6	0.00	0.0	-1.3	-1.2	0.1
<i>09. Recreation and culture</i>	1,013.3	-0.07	-0.7	-1.1	-2.0	-3.9
<i>10. Education</i>	98.0	0.00	0.0	0.0	0.0	0.1
<i>11. Restaurants and hotels</i>	442.0	0.00	0.1	-0.3	0.4	-0.3
<i>12. Miscellaneous goods and services</i>	1,222.6	0.08	0.7	-0.2	-0.6	-0.9

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of July 2021

Category	Monthly change	Effect
<i>Maintenance and repair of the dwelling</i>	5.9	0.32
<i>Clothing</i>	5.7	0.11
<i>Food</i>	1.0	0.09
<i>Personal effects n.e.c.</i>	6.9	0.07
<i>Transport services</i>	9.7	0.05

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of July 2021

Category	Monthly change	Effect
<i>Household appliances</i>	-5.2	-0.13
<i>Holidays</i>	-2.3	-0.07
<i>Tools and equipment for house and garden</i>	-6.1	-0.04
<i>Footwear</i>	-5.1	-0.03
<i>Audio-visual, photographic and information processing equipment</i>	-3.8	-0.02

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in July 2021

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In July 2021 the average price per barrel of crude oil (US\$ 72.61) had an increase of US\$ 1.64 (2.3%) compared to June 2021 (US\$ 70.97).

The prices of electricity and water did not change compared to June 2021. 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 July 2021 the price of gasoline registered an increase of Afl. 4.90 cents (2.2%) and had an effect of 0.10 ppts on the CPI. The price of diesel registered an increase of Afl. 5.70 cents (3.1%) and had an effect of 0.01 ppt on the CPI of July 2021.

In July 2021, utilities, gasoline and diesel as a group showed an increase in price of 0.7% compared to June 2021, and had an influence of 0.11 ppts on the CPI, while the remaining 404 goods and services, as a group, show an increase of 0.4% and had an effect of 0.34 ppts on the CPI.

Table 6 Effect on the CPI of June 2021 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	2.2	0.10
Water	367.3	0.0	0.00
Diesel	30.2	3.1	0.01
Total group	1,638.1	0.7	0.11
Remaining goods and services	8,361.9	0.4	0.34
CPI	10,000.0	0.5	0.45

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2020 - 2021

Month	2020							2021						
	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	57.92	31.09	31.99	240.09	137.05	204.60	179.20	51.23	31.09	31.99	240.09	137.05	185.90	152.40
March	50.67	31.09	31.99	240.09	137.05	201.90	172.40	59.10	31.09	31.99	240.09	137.05	196.30	158.60
March	30.40	31.09	31.99	240.09	137.05	197.20	160.60	62.62	31.09	31.99	240.09	137.05	208.78	170.90
April	17.39	31.09	31.99	240.09	137.05	160.60	136.70	61.52	31.09	31.99	240.09	137.05	221.60	175.80
May	26.57	31.09	31.99	240.09	137.05	144.70	119.00	65.17	31.09	31.99	240.09	137.05	222.10	174.60
June	38.19	31.09	31.99	240.09	137.05	160.50	121.60	70.97	31.09	31.99	240.09	137.05	225.80	183.00
July	40.58	31.09	31.99	240.09	137.05	174.90	135.00	72.61	31.09	31.99	240.09	137.05	230.70	188.70
August	42.33	31.09	31.99	240.09	137.05	178.10	140.70							
September	39.64	31.09	31.99	240.09	137.05	180.20	140.50							
October	39.45	31.09	31.99	240.09	137.05	178.90	135.00							
November	41.07	31.09	31.99	240.09	137.05	176.80	136.10							
December	46.78	31.09	31.99	240.09	137.05	176.70	142.30							
Yearly Average	39.25	31.09	31.99	240.09	137.05	177.93	143.26	63.32	31.09	31.99	240.09	137.05	213.03	172.00

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 July 2021

The “Food & catering services” index showed an increase of 0.7% in July 2021, after a slight increase of 0.03% in June 2021. The index for “Food at home” showed an increase of 0.9% in July, as seven (7) of the eleven (11) “Food at home” indices increased in July 2021. The “Bread and cereals” index registered the largest decrease (4.1%) in July 2021. Furthermore, increases were posted in the indices for “Potatoes and other tubers” (2.6%), “Oils and fats” (1.9%), “Vegetables” (1.6%) and “Sugar, jam, honey and other confectionery” (0.5%).

The “Food products n.e.c.” (-0.2%), “Fruit” (-0.2%) and “Fish and other seafood” (-0.2%) indices registered the largest decreases in July 2021. Furthermore, a decrease was posted in the index for “Milk, cheese and eggs” (-0.1%).

Over the last twelve (12) months, the “Food & catering services” has increased by 0.1%. The “Food at home” index showed a decrease of 0.3%. The “Vegetables” index decreased by 8.6%, the largest decrease among the “Food at home” food groups, while the “Milk, cheese and eggs” index increased by 1.5%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” increased by 0.2% in July 2021 and has increased by 1.2% over the last twelve (12) months.

In July 2021, “Food at home” and “Food away from home” as a group showed an increase in price of 0.7% compared to June 2021, and had an effect of 0.10 pts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.4%, causing an effect of 0.35 pts on the CPI.

Table 8 Effect on the CPI of July 2021 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
Food at home	1,087.7	0.9	0.09
Food away from home	429.8	0.2	0.01
Total group	1,517.5	0.7	0.10
Remaining goods and services	8,482.5	0.4	0.35
CPI	10,000.0	0.5	0.45

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Jul-20	Jun-21	Jul-21	Monthly May - Jun	Monthly Jun - Jul	End of period Jul 20 - Jul 21	Monthly Jun - Jul	End of period Jul 20 - Jul 21
Food & catering services	1,517.5	99.07	98.53	99.19	0.03	0.7	0.1	0.102	0.019
Food at home	1,087.7	97.77	96.59	97.44	-0.1	0.9	-0.3	0.094	-0.037
Bread and cereals	178.1	99.50	95.90	99.81	0.0	4.1	0.3	0.071	0.006
Meat	242.5	99.76	100.59	100.65	0.8	0.1	0.9	0.002	0.022
Fish and other seafood	49.0	99.42	98.17	98.01	-0.1	-0.2	-1.4	-0.001	-0.007
Milk, cheese and eggs	135.3	99.68	101.24	101.16	0.0	-0.1	1.5	-0.001	0.021
Oils and fats	32.2	98.41	95.84	97.66	0.4	1.9	-0.8	0.006	-0.002
Fruit	97.6	90.31	90.76	90.58	-1.2	-0.2	0.3	-0.002	0.003
Potatoes and other tubers	18.2	80.73	72.34	74.19	-9.2	2.6	-8.1	0.003	-0.012
Vegetables	89.1	90.26	81.21	82.52	-0.2	1.6	-8.6	0.012	-0.071
Sugar, jam, honey and other confectionery	42.0	100.73	100.81	101.33	-0.5	0.5	0.6	0.002	0.003
Food products n.e.c.	80.1	99.32	98.77	98.55	-0.5	-0.2	-0.8	-0.002	-0.006
Non-alcoholic beverages	123.6	100.30	100.66	100.93	0.1	0.3	0.6	0.003	-0.005
Food away from home	429.8	102.36	103.44	103.63	0.3	0.2	1.2	0.008	0.056
Other goods and services	8,482.5	96.43	98.01	98.41	0.8	0.4	2.1	0.350	1.739
Other goods	4,735.8	93.69	96.23	96.94	0.8	0.7	3.5	0.345	1.592
Other services	3,746.7	99.89	100.26	100.27	0.9	0.0	0.4	0.004	0.147
CPI	10,000.0	96.83	98.09	98.53	0.7	0.5	1.8	0.452	1.758

Source: Central Bureau of Statistics Aruba

APPENDIX 1
Monthly & Yearly Changes (%) in the Consumer Price Index for July 2021, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2020 Jul	2020 Dec	2021 Jun	2021 Jul	Monthly Jun - Jul	Ytd Dec - Jul	End of period Jul 20 - Jul 21	Period average Jul 20 - Jul 21
Food and non-alcoholic beverages	1,087.7	97.77	96.70	96.59	97.44	0.9	0.8	-0.3	-2.1
Food	964.1	97.45	96.26	96.07	96.99	1.0	0.8	-0.5	-2.3
Non-alcoholic beverages	123.6	100.30	100.16	100.66	100.93	0.3	0.8	0.6	-0.3
Alcoholic beverages and tobacco	78.2	100.69	99.87	100.50	100.48	0.0	0.6	-0.2	0.0
Alcoholic beverages for consumption at home	62.2	99.51	98.46	98.97	98.92	0.0	0.5	-0.6	-0.6
Tobacco	16.0	105.27	105.36	106.45	106.55	0.1	1.1	1.2	2.4
Clothing and footwear	276.8	92.13	93.45	88.09	90.90	3.2	-2.7	-1.3	-8.2
Clothing	212.8	91.65	94.23	88.26	93.25	5.7	-1.0	1.7	-6.7
Footwear	64.0	93.70	90.85	87.51	83.08	-5.1	-8.6	-11.3	-13.0
Housing	2,522.2	96.96	97.98	98.14	99.45	1.3	1.5	2.6	-0.6
Actual rentals for housing	666.7	101.62	102.26	103.02	103.15	0.1	0.9	1.5	1.5
Imputed rentals for housing	34.4	97.31	98.52	97.56	101.03	3.6	2.6	3.8	-2.1
Maintenance and repair of the dwelling	517.0	97.15	101.19	101.08	107.08	5.9	5.8	10.2	1.4
Water supply and miscellaneous services relating to the dwelling	463.6	101.35	101.35	101.35	101.35	0.0	0.0	0.0	0.4
Electricity, gas and other fuels	840.4	90.72	90.72	90.72	90.72	0.0	0.0	0.0	-4.1
Household operation	929.2	95.39	96.66	95.98	94.27	-1.8	-2.5	-1.2	-3.3
Furniture, furnishings, carpets and other floor coverings	128.8	92.98	78.66	73.43	72.89	-0.7	-7.3	-21.6	-18.6
Household textiles	58.6	86.72	83.92	79.51	78.05	-1.8	-7.0	-10.0	-12.1
Household appliances	246.0	87.88	97.52	100.74	95.46	-5.2	-2.1	8.6	-3.3
Glassware, tableware and household utensils	17.2	90.52	86.32	74.10	87.92	18.6	1.9	-2.9	-11.8
Tools and equipment for house and garden	58.2	99.17	114.57	108.23	101.66	-6.1	-11.3	2.5	10.6
Goods and services for routine household maintenance and cleaning	420.5	101.41	101.40	101.59	101.62	0.0	0.2	0.2	0.6
Health	223.1	100.80	97.76	95.58	96.46	0.9	-1.3	-4.3	-3.2
Medical products, appliances and equipment	152.3	100.92	96.41	94.62	95.71	1.1	-0.7	-5.2	-4.1
Out-patient services	52.4	100.00	98.12	95.43	96.17	0.8	-2.0	-3.8	-2.6
Other treatments	7.8	98.77	96.49	92.74	93.03	0.3	-3.6	-5.8	-4.4
Health products and services n.e.c.	10.5	104.71	116.56	112.35	111.29	-0.9	-4.5	6.3	7.7
Transport	1,257.4	90.07	90.90	102.97	103.53	0.5	13.9	14.9	0.4
Purchase of vehicles	442.6	91.76	94.83	98.83	98.81	0.0	4.2	7.7	-2.3
Operation of personal transport equipment	763.3	89.77	89.67	105.69	105.98	0.3	18.2	18.1	2.6
Transport services	51.5	80.08	75.35	98.27	107.77	9.7	43.0	34.6	-6.1
Communications	849.6	99.71	99.80	98.53	98.53	0.0	-1.3	-1.2	0.1
Telephone and telefax equipment	43.8	94.40	93.97	69.34	69.34	0.0	-26.2	-26.5	0.2
Telephone and telefax services	805.8	100.00	100.12	100.12	100.12	0.0	0.0	0.1	0.1
Recreation and culture	1,013.3	98.09	97.20	96.87	96.17	-0.7	-1.1	-2.0	-3.9
Audio-visual, photographic and information processing equipment	58.5	90.65	87.99	94.24	90.67	-3.8	3.0	0.0	-6.5
Other major durables for recreation and culture	20.0	102.62	94.07	80.15	81.01	1.1	-13.9	-21.1	-4.0
Other recreational items and equipment; gardens and pets	266.6	102.23	99.29	98.99	98.48	-0.5	-0.8	-3.7	-2.4
Recreational and cultural services	309.1	99.75	99.65	99.82	99.85	0.0	0.2	0.1	0.1
Newspapers, books and stationery	43.7	92.69	83.52	80.66	87.69	8.7	5.0	-5.4	-10.4
Holidays	315.4	94.79	96.84	95.97	93.77	-2.3	-3.2	-1.1	-7.9
Education	98.0	100.17	100.17	100.17	100.17	0.0	0.0	0.0	0.1
Pre primary and primary education	24.0	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Secondary education	43.4	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Post-secondary non-tertiary education	4.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Tertiary education	23.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Education not definable by level	2.5	106.67	106.67	106.67	106.67	0.0	0.0	0.0	2.7
Restaurants and hotels	442.0	101.77	102.44	102.07	102.14	0.1	-0.3	0.4	-0.3
Catering services	429.8	102.36	102.68	103.44	103.63	0.2	0.9	1.2	1.3
Accommodation services	12.2	81.10	93.96	53.41	49.79	-6.8	-47.0	-38.6	-43.4
Miscellaneous goods and services	1,222.6	98.75	98.43	97.55	98.20	0.7	-0.2	-0.6	-0.9
Personal care	427.1	97.53	96.65	96.25	96.60	0.4	-0.1	-1.0	-1.7
Personal effects n.e.c.	106.6	94.72	94.62	86.18	92.17	6.9	-2.6	-2.7	-3.8
Social protection	78.2	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Insurance	610.7	100.14	100.14	100.14	100.14	0.0	0.0	0.0	0.1
CPI	10,000.0	96.83	97.06	98.09	98.53	0.5	1.5	1.8	-1.4

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 2
Effect on the Consumer Price Index per sector and category for July 2021, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Jun - Jul	Ytd Dec - Jul	End of period Jul 20 - Jul 21	Period average Jul 20 - Jul 21
Food and non-alcoholic beverages	1,087.7	0.09	0.08	-0.04	-0.23
Food	964.1	0.09	0.07	-0.05	-0.23
Non-alcoholic beverages	123.6	0.00	0.01	0.01	0.00
Alcoholic beverages and tobacco	78.2	0.00	0.00	0.00	0.00
Alcoholic beverages for consumption at home	62.2	0.00	0.00	0.00	0.00
Tobacco	16.0	0.00	0.00	0.00	0.00
Clothing and footwear	276.8	0.08	-0.07	-0.04	-0.23
Clothing	212.8	0.11	-0.02	0.04	-0.14
Footwear	64.0	-0.03	-0.05	-0.07	-0.09
Housing	2,522.2	0.34	0.38	0.65	-0.14
Actual rentals for housing	666.7	0.01	0.06	0.10	0.10
Imputed rentals for housing	34.4	0.01	0.01	0.01	-0.01
Maintenance and repair of the dwelling	517.0	0.32	0.31	0.53	0.07
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.00	0.02
Electricity, gas and other fuels	840.4	0.00	0.00	0.00	-0.33
Household operation	929.2	-0.16	-0.23	-0.11	-0.31
Furniture, furnishings, carpets and other floor coverings	128.8	-0.01	-0.08	-0.27	-0.23
Household textiles	58.6	-0.01	-0.04	-0.05	-0.07
Household appliances	246.0	-0.13	-0.05	0.19	-0.08
Glassware, tableware and household utensils	17.2	0.02	0.00	0.00	-0.02
Tools and equipment for house and garden	58.2	-0.04	-0.08	0.01	0.06
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.01	0.01	0.03
Health	223.1	0.02	-0.03	-0.10	-0.07
Medical products, appliances and equipment	152.3	0.02	-0.01	-0.08	-0.06
Out-patient services	52.4	0.00	-0.01	-0.02	-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	-0.01	0.01	0.01
Transport	1,257.4	0.07	1.64	1.75	0.05
Purchase of vehicles	442.6	0.00	0.18	0.32	-0.10
Operation of personal transport equipment	763.3	0.02	1.28	1.28	0.19
Transport services	51.5	0.05	0.17	0.15	-0.03
Communications	849.6	0.00	-0.11	-0.10	0.01
Telephone and telefax equipment	43.8	0.00	-0.11	-0.11	0.00
Telephone and telefax services	805.8	0.00	0.00	0.01	0.01
Recreation and culture	1,013.3	-0.07	-0.11	-0.20	-0.40
Audio-visual, photographic and information processing equipment	58.5	-0.02	0.02	0.00	-0.04
Other major durables for recreation and culture	20.0	0.00	-0.03	-0.04	-0.01
Other recreational items and equipment; gardens and pets	266.6	-0.01	-0.02	-0.10	-0.06
Recreational and cultural services	309.1	0.00	0.01	0.00	0.00
Newspapers, books and stationery	43.7	0.03	0.02	-0.02	-0.04
Holidays	315.4	-0.07	-0.10	-0.03	-0.25
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	-0.01	0.02	-0.01
Catering services	429.8	0.01	0.04	0.06	0.06
Accommodation services	12.2	0.00	-0.06	-0.04	-0.07
Miscellaneous goods and services	1,222.6	0.08	-0.03	-0.07	-0.11
Personal care	427.1	0.02	0.00	-0.04	-0.07
Personal effects n.e.c.	106.6	0.07	-0.03	-0.03	-0.04
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	0.45	1.51	1.76	-1.43

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for July 2021, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Jun - Jul	End of period Jul 20 - Jul 21	Monthly Jun - Jul	End of period Jul 20 - Jul 21
Food & catering services	1,517.5	0.7	0.1	0.102	0.019
Food at home	1,087.7	0.9	-0.3	0.094	-0.037
Bread and cereals	178.1	4.1	0.3	0.071	0.006
Rice	23.5	-0.3	0.1	-0.001	0.000
Bread	72.1	9.0	5.9	0.065	0.045
Pasta products	9.2	1.2	0.5	0.001	0.000
Other cereals and cereal products	73.3	0.7	-5.4	0.005	-0.040
Meat	242.5	0.1	0.9	0.002	0.022
Bovine	67.3	0.0	-0.4	0.000	-0.003
Swine	25.5	0.3	4.0	0.001	0.011
Poultry	75.7	0.1	0.1	0.001	0.001
Other meat and meat preparations	74.0	0.0	1.8	0.000	0.014
Fish and other seafood	49.0	-0.2	-1.4	-0.001	-0.007
Fish and seafood preparations	49.0	-0.2	-1.4	-0.001	-0.007
Milk, cheese and eggs	135.3	-0.1	1.5	-0.001	0.021
Cheese	55.4	0.9	2.9	0.005	0.017
Eggs	16.6	-2.1	4.8	-0.004	0.008
Milk	40.0	-0.7	-0.9	-0.003	-0.004
Other milk products	23.3	0.0	-0.1	0.000	0.000
Oils and fats	32.2	1.9	-0.8	0.006	-0.002
Corn oil	2.8	0.1	4.7	0.000	0.001
Butter and margarine	9.2	0.8	1.7	0.001	0.002
Other oils and fats	20.1	2.7	-2.6	0.005	-0.005
Fruit	97.6	-0.2	0.3	-0.002	0.003
Oranges	9.4	3.1	6.4	0.003	0.007
Bananas and plantains	19.9	-12.4	-18.1	-0.018	-0.028
Apples	9.3	0.7	15.2	0.001	0.013
Avocado	5.0	-8.7	2.7	-0.004	0.001
Grapes	9.2	9.6	25.1	0.009	0.020
Nuts	11.9	0.0	-5.8	0.000	-0.007
Lemons and mandarins	6.0	-3.5	-12.1	-0.002	-0.006
Cherries and strawberries	8.8	1.8	8.6	0.002	0.009
Melons and watermelons	7.7	5.7	-2.8	0.004	-0.002
Papayas and pineapples	6.9	0.3	-3.0	0.000	-0.002
Other fruits and fruit products	3.5	8.2	-5.9	0.003	-0.002
Potatoes and other tubers	18.2	2.6	-8.1	0.003	-0.012
Potatoes	12.2	5.5	-13.2	0.004	-0.013
Other tubers	2.0	2.8	0.8	0.001	0.000
Sweet potatoes and yucca	4.0	-3.9	0.5	-0.001	0.000
Vegetables	89.1	1.6	-8.6	0.012	-0.071
Lettuce	6.8	-9.8	-32.9	-0.003	-0.015
Tomatoes	9.7	11.6	-3.6	0.010	-0.004
Onions and garlic	18.7	6.3	-5.3	0.009	-0.009
Celery and broccoli	15.3	-3.3	-17.1	-0.004	-0.023
Other vegetables	15.3	-0.7	-8.9	-0.001	-0.013
Other preserved or processed vegetables	8.4	0.9	-0.4	0.001	0.000
Frozen vegetable mixtures	14.8	-0.2	-5.2	0.000	-0.008
Sugar, jam, honey and other confectionery	42.0	0.5	0.6	0.002	0.003
Sugar	12.1	-0.2	7.3	0.000	0.009
Jams and jellies	2.5	0.3	-4.8	0.000	-0.001
Other confectionery products	27.5	0.9	-1.9	0.002	-0.005
Food products n.e.c.	80.1	-0.2	-0.8	-0.002	-0.006
Other food products	80.1	-0.2	-0.8	-0.002	-0.006
Non-alcoholic beverages	123.6	0.3	0.6	0.003	0.008
Coffee and tea	20.9	0.6	-4.3	0.001	-0.009
Other non-alcoholic beverages	14.6	0.0	0.9	0.000	0.001
Soft and sports drinks	31.0	0.0	3.9	0.000	0.012
Fruit juices	57.1	0.4	0.6	0.002	0.003
Food away from home	429.8	0.2	1.2	0.008	0.056
Food and beverage consumption away from home	429.8	0.2	1.2	0.008	0.056
Other goods and services	8,482.5	0.4	2.1	0.350	1.739
Other goods	4,735.8	0.7	3.5	0.345	1.592
Other services	3,746.7	0.0	0.4	0.004	0.147
CPI	10,000	0.5	1.8	0.452	1.758

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 4

Overview of Consumer Price Index (CPI) 2020 - 2021, (Jun 2019 = 100)

	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	YEAR: 2021				YEAR: 2020			
					CHANGE				CHANGE			
					Monthly	Year-to date	Yearly	Period average	Monthly	Year-to date	Yearly	Period average
	Jan.'20	Dec.'19	Jan.'21	Dec.'20								
<u>Total Population</u>	99.57	100.13	96.89	97.06	-0.2	-0.2	-2.7	-1.8	-0.6	-0.6	3.4	3.9
Low Income	99.19	99.88	96.80	96.95	-0.2	-0.2	-2.4		-0.7	-0.7	2.7	
High Income	99.74	100.25	96.91	97.10	-0.2	-0.2	-2.8		-0.5	-0.5	3.7	
	Feb.'20	Jan.'20	Feb.'21	Jan.'21								
<u>Total Population</u>	98.90	99.57	97.00	96.89	0.1	-0.1	-1.9	-2.2	-0.7	-1.2	2.3	3.9
Low Income	98.56	99.19	96.92	96.80	0.1	0.0	-1.7		-0.6	-1.3	1.7	
High Income	99.06	99.74	97.01	96.91	0.1	-0.1	-2.1		-0.7	-1.2	2.6	
	Mar.'20	Feb.'20	Mar.'21	Feb.'21								
<u>Total Population</u>	98.67	98.90	97.59	97.00	0.6	0.5	-1.1	-2.3	-0.2	-1.5	0.7	3.6
Low Income	98.35	98.56	97.49	96.92	0.6	0.6	-0.9		-0.2	-1.5	0.1	
High Income	98.82	99.06	97.63	97.01	0.6	0.5	-1.2		-0.2	-1.4	0.9	
	Apr.'20	Mar.'20	Apr.'21	Mar.'21								
<u>Total Population</u>	97.93	98.67	97.57	97.59	-0.02	0.5	-0.4	-2.3	-0.8	-2.2	-0.9	3.2
Low Income	97.66	98.35	97.52	97.49	0.03	0.6	-0.1		-0.7	-2.2	-1.0	
High Income	98.04	98.82	97.58	97.63	-0.05	0.5	-0.5		-0.8	-2.2	-0.8	
	May'20	Apr.'20	May'21	Apr.'21								
<u>Total Population</u>	97.63	97.93	97.39	97.57	-0.2	0.3	-0.2	-2.2	-0.3	-2.5	-1.6	2.6
Low Income	97.38	97.66	97.31	97.52	-0.2	0.4	-0.1		-0.3	-2.5	-2.1	
High Income	97.74	98.04	97.42	97.58	-0.2	0.3	-0.3		-0.3	-2.5	-1.4	
	Jun'20	May'20	Jun'21	May'21								
<u>Total Population</u>	97.14	97.63	98.09	97.39	0.7	1.1	1.0	-1.8	-0.5	-3.0	-2.9	2.0
Low Income	96.92	97.38	97.94	97.31	0.6	1.0	1.1		-0.5	-3.0	-3.1	
High Income	97.22	97.74	98.14	97.42	0.7	1.1	0.9		-0.5	-3.0	-2.8	
	Jul'20	Jun'20	Jul'21	Jun'21								
<u>Total Population</u>	96.83	97.14	98.53	98.09	0.5	1.5	1.8	-1.4	-0.3	-3.3	-3.2	1.4
Low Income	96.95	96.92	98.24	97.94	0.3	1.3	1.3		0.0	-2.9	-3.0	
High Income	96.76	97.22	98.65	98.14	0.5	1.6	2.0		-0.5	-3.5	-3.3	
	Aug.'20	Jul'20	Aug.'21	Jul'21								
<u>Total Population</u>	97.45	96.83							0.6	-2.7	-2.5	0.9
Low Income	97.56	96.95							0.6	-2.6	-2.4	
High Income	97.39	96.76							0.6	-2.7	-2.5	
	Sep.'20	Aug.'20	Sep.'21	Aug.'21								
<u>Total Population</u>	97.14	97.45							-0.3	-3.0	-2.3	0.4
Low Income	97.15	97.56							-0.4	-3.0	-2.4	
High Income	97.12	97.39							-0.3	-3.0	-2.3	
	Oct.'20	Sep.'20	Oct.'21	Sep.'21								
<u>Total Population</u>	96.97	97.14							-0.2	-3.2	-2.8	-0.2
Low Income	97.03	97.15							-0.1	-3.1	-2.8	
High Income	96.93	97.12							-0.2	-3.2	-2.8	
	Nov.'20	Oct.'20	Nov.'21	Oct.'21								
<u>Total Population</u>	96.93	96.97							-0.04	-3.2	-2.7	-0.8
Low Income	96.94	97.03							-0.1	-3.2	-2.6	
High Income	96.91	96.93							-0.02	-3.2	-2.7	
	Dec.'20	Nov.'20	Dec.'21	Nov.'21								
<u>Total Population</u>	97.06	96.93							0.1	-3.1	-3.1	-1.3
Low Income	96.95	96.94							0.01	-3.2	-2.9	
High Income	97.10	96.91							0.2	-3.0	-3.1	

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2021

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
Average 2020	39.25	31.09	31.99	42.09	12.50	240.09	137.05	177.93	143.26
January-21	51.23	31.09	31.99	42.09	12.50	240.09	137.05	185.90	152.40
February-21	59.10	31.09	31.99	42.09	12.50	240.09	137.05	196.30	158.60
March-21	62.62	31.09	31.99	42.09	12.50	240.09	137.05	208.78	170.90
April-21	61.52	31.09	31.99	42.09	12.50	240.09	137.05	222.10	174.60
May-21	65.17	31.09	31.99	42.09	12.50	240.09	137.05	222.10	174.60
June-21	70.97	31.09	31.99	42.09	12.50	240.09	137.05	225.80	183.00
July-21	72.61	31.09	31.99	42.09	12.50	240.09	137.05	230.70	188.70
August-21									
September-21									
October-21									
November-21									
December-21									
Average 2020	63.32	31.09	31.99	42.09	12.50	240.09	137.05	213.10	171.83

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