

Consumer Price Index, base period June 2019

June 2021

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

Consumer Price Index for the month of June 2021

The CPI for June 2021 is 98.09, an increase of 0.7% compared to the index of May 2021 (97.39) and accumulating an increase of 1.1% up to and including June of this year.

The percentage change of the CPI over the last twelve (12) months (June 2020 to June 2021) is 1.0, an increase of 3.9 percentage points (ppts) compared to the percentage change for the same period of last year (-2.9%).

The period average percentage change of the CPI for the period June 2020 - June 2021 is -1.8%, a decrease of 3.8 ppts compared to the period average percentage change over the period June 2019 - June 2020 (2.0%).

During this month, six (6) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Transport" (2.8%) and "Household operation" (3.1%) sectors, which contributed with an effect of 0.36 and 0.28 ppts, respectively. The increases in the remaining sectors had an effect of 0.30 ppts on the CPI of June 2021.

Aforementioned increases were partially offset mainly by decreases in the indices for the "Communications" (-1.0%) and "Miscellaneous goods and services" (-0.6%) sectors, causing an effect of -0.09 and -0.07 ppts, respectively. The decreases in the remaining sectors had an effect of -0.06 ppts on the CPI of June 2021.

The increase in the "Transport" sector was mainly due to an increase in the category "Operation of personal transport equipment" (2.6%), which contributed to an effect of 0.21 ppts. The increase in the "Household operation" sector was mainly due to an increase in the category "Household appliances" (15.0%), which contributed to an effect of 0.33 ppts.

The decrease in the "Communications" sector was due to a decrease in the category "Telephone and telefax equipment" (-22.5%), which contributed to an effect of -0.09 ppts. The decrease in the "Miscellaneous goods and services" sector was mainly caused by a decrease of 6.2% in the category "Personal effects n.e.c.", 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 May 2021, 47.5% of these products had an increase in price, causing an effect of 1.39 ppts, while 36.5% showed a decrease, contributing to an effect of -0.68 ppts and the remaining 15.9% had no change in price. The prices of goods increased by 0.6% and caused an influence of 0.37 ppts. The prices of services showed an increase of 0.8% and had an influence of 0.34 ppts on the CPI of June 2021.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was -1.6% in June 2021. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -2.4%. The food index showed a decrease of -2.5%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in June 2021 is Afl. 4,770, a decrease of Afl. 12 compared to June 2020 (Afl. 4,782). The subsistence level for a single adult household is Afl. 2,271, a decrease of Afl. 6 compared to June 2020 (Afl. 2,277).

July 27, 2021



CPI	(BASE JUN 2019 = 100)
Index	↑ 98.09
Monthly	↑ 0.7
Year-to-date	↑ 1.1
End of period	↑ 1.0
Period average	↓ -1.8
Goods	↑ 0.6
Services	↑ 0.8

CPIC	
CPIC	↓ -1.6
Energy	↓ -2.4
Food	↓ -2.5

SUBSISTENCE LEVEL	in Afl.
1 adult	↑ 2,271
2 adults + 2 children	↑ 4,770

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

	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
<i>Index</i>	97.14	96.83	97.45	97.14	96.97	96.93	97.06	96.89	97.00	97.59	97.57	97.39	98.09
<i>Monthly</i>	-0.5	-0.3	0.6	-0.3	-0.2	-0.04	0.1	-0.2	0.1	0.6	-0.02	-0.2	0.7
<i>Year-to-date</i>	-3.0	-3.3	-2.7	-3.0	-3.2	-3.2	-3.1	-0.2	-0.1	0.5	0.5	0.3	1.1
<i>End of period</i>	-2.9	-3.2	-2.5	-2.3	-2.8	-2.7	-3.1	-2.7	-1.9	-1.1	-0.4	-0.2	1.0
<i>Period average</i>	2.0	1.4	0.9	0.4	-0.2	-0.8	-1.3	-1.8	-2.2	-2.3	-2.3	-2.2	-1.8
<i>Goods</i>	-0.9	0.1	1.4	-0.6	-0.2	-0.2	0.0	-0.2	0.4	1.2	1.2	-0.4	0.6
<i>Services</i>	0.0	-0.9	-0.4	0.07	-0.1	0.1	0.3	-0.2	-0.3	-0.1	-0.1	0.2	0.8
<i>CPIC</i>	2.7	2.3	1.9	1.5	1.0	0.5	0.1	-0.5	-0.9	-1.2	-1.4	-1.7	-1.6
<i>Energy</i>	-2.7	-3.6	-4.6	-5.4	-6.2	-6.9	-7.9	-8.0	-7.9	-7.5	-6.1	-4.1	-2.4
<i>Food</i>	4.9	3.7	2.6	1.6	0.7	-0.1	-0.8	-1.5	-2.0	-2.3	-2.6	-2.6	-2.5
<i>1 adult</i>	2,277	2,267	2,276	2,277	2,273	2,266	2,265	2,257	2,258	2,258	2,262	2,263	2,271
<i>2 adults + 2 children</i>	4,782	4,760	4,781	4,782	4,773	4,759	4,757	4,739	4,742	4,741	4,750	4,752	4,770

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

<i>Sector</i>	Weight coefficient	Effect May - Jun	Percentage changes			
			Monthly May - Jun	Year-to-date Dec - Jun	End of period Jun 20 - Jun 21	Period average Jun 20 - Jun 21
<i>CPI</i>	10,000.0	0.71	0.7	1.1	1.0	-1.8
<i>01. Food and non-alcoholic beverages</i>	1,087.7	-0.01	-0.1	-0.1	-1.2	-2.3
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.0	0.6	-0.1	0.1
<i>03. Clothing and footwear</i>	276.8	0.11	4.8	-5.7	-9.5	-8.7
<i>04. Housing</i>	2,522.2	-0.05	-0.2	0.2	0.5	-1.0
<i>05. Household operation</i>	929.2	0.28	3.1	-0.7	3.4	-3.6
<i>06. Health</i>	223.1	0.01	0.5	-2.2	-3.3	-2.8
<i>07. Transport</i>	1,257.4	0.36	2.8	13.3	15.7	-1.6
<i>08. Communications</i>	849.6	-0.09	-1.0	-1.3	-1.3	0.2
<i>09. Recreation and culture</i>	1,013.3	0.16	1.6	-0.3	-4.1	-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	0.02	0.4	-0.4	-1.1	-0.2
<i>12. Miscellaneous goods and services</i>	1,222.6	-0.07	-0.6	-0.9	-1.5	-0.9

Source: Central Bureau of Statistics Aruba

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

<i>Category</i>	Monthly change	Effect
<i>Household appliances</i>	15.0	0.33
<i>Operation of personal transport equipment</i>	2.6	0.21
<i>Transport services</i>	36.9	0.14
<i>Holidays</i>	4.3	0.13
<i>Clothing</i>	3.8	0.07

Source: Central Bureau of Statistics Aruba

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

<i>Category</i>	Monthly change	Effect
<i>Telephone and telefax equipment</i>	-22.5	-0.09
<i>Maintenance and repair of the dwelling</i>	-1.3	-0.07
<i>Personal effects n.e.c.</i>	-6.2	-0.06
<i>Furniture, furnishings, carpets and other floor coverings</i>	-4.3	-0.04
<i>Other major durables for recreation and culture</i>	-20.8	-0.04

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In June 2021 the average price per barrel of crude oil (US\$ 70.97) had an increase of US\$ 5.80 (8.9%) compared to May 2021 (US\$ 65.17).

The prices of electricity and water did not change compared to May 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 June 2021 the price of gasoline registered an increase of Afl. 3.70 cents (1.7%) and had an effect of 0.08 ppts on the CPI. The price of diesel registered an increase of Afl. 8.40 cents (4.8%) and had an effect of 0.01 ppt on the CPI of June 2021.

In June 2021, utilities, gasoline and diesel as a group showed an increase in price of 0.6% compared to May 2021, and had an influence of 0.09 ppts on the CPI, while the remaining 404 goods and services, as a group, show an increase of 0.7% and had an effect of 0.62 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	1.7	0.08
Water	367.3	0.0	0.00
Diesel	30.2	4.8	0.01
Total group	1,638.1	0.6	0.09
Remaining goods and services	8,361.9	0.7	0.62
CPI	10,000.0	0.7	0.71

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 ≤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	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							
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	61.77	31.09	31.99	240.09	137.05	210.08	169.22

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 June 2021

The “Food & catering services” index showed a slight increase of 0.03% in June 2021, after an increase of 0.2% in May 2021. The index for “Food at home” showed a decrease of 0.1% in June, as eight (8) of the eleven (11) “Food at home” indices decreased in June 2021. The “Potatoes and other tubers” index registered the largest decrease (-9.2%) in June 2021. Furthermore, decreases were posted in the indices for “Fruit” (-1.2%), “Sugar, jam, honey and other confectionery” (-0.5%), “Food products n.e.c.” (-0.5%) and “Vegetables” (-0.2%). The “Meat” (0.8%) index registered the largest increase in June 2021. Furthermore, increases were posted in the indices for “Oils and fats” (0.4%) and “Non-alcoholic beverages” (0.1%).

Over the last twelve (12) months, the “Food & catering services” has decreased by 0.5%. The “Food at home” index showed a decrease of 1.2%. The “Potatoes and other tubers” index decreased by 14.3%, the largest decrease among the “Food at home” food groups, while the “Milk, cheese and eggs” index increased by 1.7%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” increased by 0.3% in June 2021 and has increased by 1.0% over the last twelve (12) months.

In June 2021, “Food at home” and “Food away from home” as a group showed a slight increase in price of 0.03% compared to May 2021, and had an insignificant influence on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.8%, causing an effect of 0.71 ppts on the CPI.

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

Category	Weight	Monthly change	Effect
Food at home	1,087.7	-0.1	-0.01
Food away from home	429.8	0.3	0.02
Total group	1,517.5	0.03	0.00
Remaining goods and services	8,482.5	0.8	0.71
CPI	10,000.0	0.7	0.71

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Weight coefficient	Indices			Percentage changes			Effect	
			Jun-20	May-20	Jun-21	Monthly Apr - May	Monthly May - Jun	End of period Jun 20 - Jun 21	Monthly May - Jun	End of period Jun 20 - Jun 21
Food & catering services		1,517.5	99.04	98.50	98.53	0.2	0.03	-0.5	0.005	-0.080
Food at home		1,087.7	97.73	96.68	96.59	0.1	-0.1	-1.2	-0.010	-0.127
Bread and cereals		178.1	99.13	95.93	95.90	-0.6	0.0	-3.3	-0.001	-0.059
Meat		242.5	100.09	99.78	100.59	0.6	0.8	0.5	0.020	0.012
Fish and other seafood		49.0	99.61	98.25	98.17	-0.7	-0.1	-1.5	0.000	-0.007
Milk, cheese and eggs		135.3	99.55	101.25	101.24	-0.5	0.0	1.7	0.000	0.024
Oils and fats		32.2	97.93	95.49	95.84	-0.1	0.4	-2.1	0.001	-0.007
Fruit		97.6	89.85	91.83	90.76	0.6	-1.2	1.0	-0.011	0.009
Potatoes and other tubers		18.2	84.38	79.70	72.34	6.1	-9.2	-14.3	-0.014	-0.023
Vegetables		89.1	88.94	81.34	81.21	0.8	-0.2	-8.7	-0.001	-0.071
Sugar, jam, honey and other confectionery		42.0	100.13	101.29	100.81	-0.1	-0.5	0.7	-0.002	0.003
Food products n.e.c.		80.1	99.82	99.23	98.77	0.0	-0.5	-1.1	-0.004	-0.009
Non-alcoholic beverages		123.6	100.64	100.57	100.66	0.2	0.1	0.0	0.001	-0.006
Food away from home		429.8	102.37	103.10	103.44	0.2	0.3	1.0	0.015	0.048
Other goods and services		8,482.5	96.80	97.20	98.01	-0.2	0.8	1.3	0.708	1.060
Other goods		4,735.8	93.58	95.45	96.23	-0.6	0.8	2.8	0.380	1.290
Other services		3,746.7	100.86	99.41	100.26	0.2	0.9	-0.6	0.328	-0.230
CPI		10,000.0	97.14	97.39	98.09	-0.2	0.7	1.0	0.713	0.980

Source: Central Bureau of Statistics Aruba

The subsistence level in June 2021

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 0-15 years)

Sector	Jun-20	Jun-21	Absolute Change
Food and non-alcoholic beverages	1,908	1,886	-22
Clothing and footwear	266	240	-26
Housing	1,442	1,449	7
Household operation	103	107	4
Health	81	79	-2
Transport	259	300	41
Communications	152	150	-2
Recreation and culture	169	162	-7
Education	74	74	0
Miscellaneous goods and services	326	322	-4
Total	4,782	4,770	-12

Source: Central Bureau of Statistics Aruba

In June 2021 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 4,770) showed a decrease of Afl. 12 compared to June 2020 (Afl. 4,782) and was mainly caused by a decrease of Afl. 26 in the sector "Clothing and footwear".

Table 10 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, June 2021 (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
Jun-20	2,277	2,960	3,416	4,099	4,782
Jul-20	2,267	2,947	3,400	4,080	4,760
Aug-20	2,276	2,959	3,415	4,098	4,781
Sep-20	2,277	2,960	3,416	4,099	4,782
Oct-20	2,273	2,955	3,410	4,092	4,773
Nov-20	2,266	2,946	3,399	4,079	4,759
Dec-20	2,265	2,945	3,398	4,077	4,757
Jan-21	2,257	2,934	3,385	4,062	4,739
Feb-21	2,258	2,936	3,387	4,065	4,742
Mar-21	2,258	2,935	3,387	4,064	4,741
Apr-21	2,262	2,940	3,393	4,071	4,750
May-21	2,263	2,942	3,395	4,074	4,752
Jun-21	2,271	2,953	3,407	4,088	4,770

Source: Central Bureau of Statistics Aruba

In June 2021, the monthly subsistence level for a single adult household is Afl 2,271, which represents an income deficit of Afl. 456, a decrease of Afl. 95 compared to the deficit observed one year ago (Afl. 551). This deficit is the second lowest registered over a period of five (5) years for the month June.

Table 11 Monthly income surplus/deficit (in Afl.) for a single adult household for June, 2017 - 2021

Period	1 adult	Minimum wage	Surplus/deficit
2017	2,096	1,678	-418
2018	2,173	1,711	-462
2019	2,339	1,762	-577
2020	2,366	1,815	-551
2021	2,271	1,815	-456

Source: Central Bureau of Statistics Aruba

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

DESCRIPTION	WEIGHT coefficient	2020 Jun	2020 Dec	2021 May	2021 Jun	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 20 - Jun 21	Period average Jun 20 - Jun 21
Food and non-alcoholic beverages	1,087.7	97.73	96.70	96.68	96.59	-0.1	-0.1	-1.2	-2.3
Food	964.1	97.36	96.26	96.19	96.07	-0.1	-0.2	-1.3	-2.5
Non-alcoholic beverages	123.6	100.64	100.16	100.57	100.66	0.1	0.5	0.0	-0.3
Alcoholic beverages and tobacco	78.2	100.58	99.87	100.54	100.50	0.0	0.6	-0.1	0.1
Alcoholic beverages for consumption at home	62.2	99.37	98.46	99.04	98.97	-0.1	0.5	-0.4	-0.6
Tobacco	16.0	105.27	105.36	106.38	106.45	0.1	1.0	1.1	2.7
Clothing and footwear	276.8	97.30	93.45	84.06	88.09	4.8	-5.7	-9.5	-8.7
Clothing	212.8	97.19	94.23	85.02	88.26	3.8	-6.3	-9.2	-7.5
Footwear	64.0	97.66	90.85	80.84	87.51	8.3	-3.7	-10.4	-12.6
Housing	2,522.2	97.67	97.98	98.34	98.14	-0.2	0.2	0.5	-1.0
Actual rentals for housing	666.7	101.50	102.26	102.89	103.02	0.1	0.7	1.5	1.5
Imputed rentals for housing	34.4	99.18	98.52	95.21	97.56	2.5	-1.0	-1.6	-2.6
Maintenance and repair of the dwelling	517.0	100.62	101.19	102.38	101.08	-1.3	-0.1	0.5	0.3
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	0.6
Electricity, gas and other fuels	840.4	90.72	90.72	90.72	90.72	0.0	0.0	0.0	-4.9
Household operation	929.2	92.83	96.66	93.06	95.98	3.1	-0.7	3.4	-3.6
Furniture, furnishings, carpets and other floor coverings	128.8	83.29	78.66	76.74	73.43	-4.3	-6.7	-11.8	-17.3
Household textiles	58.6	88.85	83.92	76.88	79.51	3.4	-5.3	-10.5	-12.1
Household appliances	246.0	82.69	97.52	87.63	100.74	15.0	3.3	21.8	-4.9
Glassware, tableware and household utensils	17.2	95.55	86.32	74.43	74.10	-0.4	-14.2	-22.5	-12.3
Tools and equipment for house and garden	58.2	98.16	114.57	112.66	108.23	-3.9	-5.5	10.3	10.4
Goods and services for routine household maintenance and cleaning	420.5	101.39	101.40	101.55	101.59	0.0	0.2	0.2	0.8
Health	223.1	98.80	97.76	95.11	95.58	0.5	-2.2	-3.3	-2.8
Medical products, appliances and equipment	152.3	97.87	96.41	93.65	94.62	1.0	-1.8	-3.3	-3.6
Out-patient services	52.4	100.00	98.12	96.02	95.43	-0.6	-2.7	-4.6	-2.3
Other treatments	7.8	98.25	96.49	93.12	92.74	-0.4	-3.9	-5.6	-4.0
Health products and services n.e.c.	10.5	106.62	116.56	113.12	112.35	-0.7	-3.6	5.4	7.5
Transport	1,257.4	89.03	90.90	100.20	102.97	2.8	13.3	15.7	-1.6
Purchase of vehicles	442.6	95.81	94.83	98.69	98.83	0.1	4.2	3.2	-3.6
Operation of personal transport equipment	763.3	85.32	89.67	102.99	105.69	2.6	17.9	23.9	0.3
Transport services	51.5	85.84	75.35	71.80	98.27	36.9	30.4	14.5	-10.5
Communications	849.6	99.84	99.80	99.57	98.53	-1.0	-1.3	-1.3	0.2
Telephone and telefax equipment	43.8	96.97	93.97	89.46	69.34	-22.5	-26.2	-28.5	2.8
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	101.04	97.20	95.33	96.87	1.6	-0.3	-4.1	-3.9
Audio-visual, photographic and information processing equipment	58.5	88.39	87.99	85.43	94.24	10.3	7.1	6.6	-7.3
Other major durables for recreation and culture	20.0	103.86	94.07	101.20	80.15	-20.8	-14.8	-22.8	-2.0
Other recreational items and equipment; gardens and pets	266.6	102.19	99.29	97.55	98.99	1.5	-0.3	-3.1	-1.9
Recreational and cultural services	309.1	99.75	99.65	99.78	99.82	0.0	0.2	0.1	0.1
Newspapers, books and stationery	43.7	91.53	83.52	84.69	80.66	-4.8	-3.4	-11.9	-10.5
Holidays	315.4	104.80	96.84	92.03	95.97	4.3	-0.9	-8.4	-8.3
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	3.2
Restaurants and hotels	442.0	103.20	102.44	101.69	102.07	0.4	-0.4	-1.1	-0.2
Catering services	429.8	102.37	102.68	103.10	103.44	0.3	0.7	1.0	1.4
Accommodation services	12.2	132.40	93.96	52.07	53.41	2.6	-43.2	-59.7	-42.2
Miscellaneous goods and services	1,222.6	99.01	98.43	98.13	97.55	-0.6	-0.9	-1.5	-0.9
Personal care	427.1	97.76	96.65	96.47	96.25	-0.2	-0.4	-1.5	-1.8
Personal effects n.e.c.	106.6	96.85	94.62	91.88	86.18	-6.2	-8.9	-11.0	-4.0
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	97.14	97.06	97.39	98.09	0.7	1.1	1.0	-1.8

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 June 2021, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 20 - Jun 21	Period average Jun 20 - Jun 21
Food and non-alcoholic beverages	1,087.7	-0.01	-0.01	-0.13	-0.25
Food	964.1	-0.01	-0.02	-0.13	-0.24
Non-alcoholic beverages	123.6	0.00	0.01	0.00	0.00
Alcoholic beverages and tobacco	78.2	0.00	0.01	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	0.11	-0.15	-0.26	-0.24
Clothing	212.8	0.07	-0.13	-0.20	-0.16
Footwear	64.0	0.04	-0.02	-0.07	-0.08
Housing	2,522.2	-0.05	0.04	0.12	-0.26
Actual rentals for housing	666.7	0.01	0.05	0.10	0.10
Imputed rentals for housing	34.4	0.01	0.00	-0.01	-0.01
Maintenance and repair of the dwelling	517.0	-0.07	-0.01	0.02	0.02
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.00	0.03
Electricity, gas and other fuels	840.4	0.00	0.00	0.00	-0.39
Household operation	929.2	0.28	-0.07	0.30	-0.33
Furniture, furnishings, carpets and other floor coverings	128.8	-0.04	-0.07	-0.13	-0.21
Household textiles	58.6	0.02	-0.03	-0.06	-0.07
Household appliances	246.0	0.33	0.08	0.46	-0.12
Glassware, tableware and household utensils	17.2	0.00	-0.02	-0.04	-0.02
Tools and equipment for house and garden	58.2	-0.03	-0.04	0.06	0.06
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.01	0.01	0.03
Health	223.1	0.01	-0.05	-0.07	-0.06
Medical products, appliances and equipment	152.3	0.02	-0.03	-0.05	-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	0.00	0.01	0.01
Transport	1,257.4	0.36	1.56	1.80	-0.19
Purchase of vehicles	442.6	0.01	0.18	0.14	-0.16
Operation of personal transport equipment	763.3	0.21	1.26	1.60	0.02
Transport services	51.5	0.14	0.12	0.07	-0.05
Communications	849.6	-0.09	-0.11	-0.11	0.02
Telephone and telefax equipment	43.8	-0.09	-0.11	-0.12	0.01
Telephone and telefax services	805.8	0.00	0.00	0.01	0.01
Recreation and culture	1,013.3	0.16	-0.03	-0.43	-0.40
Audio-visual, photographic and information processing equipment	58.5	0.05	0.04	0.04	-0.04
Other major durables for recreation and culture	20.0	-0.04	-0.03	-0.05	0.00
Other recreational items and equipment; gardens and pets	266.6	0.04	-0.01	-0.09	-0.05
Recreational and cultural services	309.1	0.00	0.01	0.00	0.00
Newspapers, books and stationery	43.7	-0.02	-0.01	-0.05	-0.04
Holidays	315.4	0.13	-0.03	-0.29	-0.26
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	0.02	-0.02	-0.05	-0.01
Catering services	429.8	0.02	0.03	0.05	0.06
Accommodation services	12.2	0.00	-0.05	-0.10	-0.07
Miscellaneous goods and services	1,222.6	-0.07	-0.11	-0.18	-0.11
Personal care	427.1	-0.01	-0.02	-0.07	-0.08
Personal effects n.e.c.	106.6	-0.06	-0.09	-0.12	-0.04
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.00	0.00	0.01
CPI	10,000.0	0.71	1.06	0.98	-1.84

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 June 2021, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly May - Jun	End of period Jun 20 - Jun 21	Monthly May - Jun	End of period Jun 20 - Jun 21
Food & catering services	1,517.5	0.03	-0.5	0.005	-0.080
Food at home	1,087.7	-0.1	-1.2	-0.010	-0.127
Bread and cereals	178.1	0.0	-3.3	-0.001	-0.059
Rice	23.5	-0.4	0.3	-0.001	0.001
Bread	72.1	1.1	-2.8	0.008	-0.021
Pasta products	9.2	-0.2	-1.1	0.000	-0.001
Other cereals and cereal products	73.3	-1.0	-5.2	-0.007	-0.038
Meat	242.5	0.8	0.5	0.020	0.012
Bovine	67.3	0.7	-0.4	0.005	-0.003
Swine	25.5	0.2	3.4	0.001	0.009
Poultry	75.7	1.6	-1.2	0.012	-0.009
Other meat and meat preparations	74.0	0.4	2.0	0.003	0.015
Fish and other seafood	49.0	-0.1	-1.5	0.000	-0.007
Fish and seafood preparations	49.0	-0.1	-1.5	0.000	-0.007
Milk, cheese and eggs	135.3	0.0	1.7	0.000	0.024
Cheese	55.4	0.0	3.4	0.000	0.020
Eggs	16.6	-2.9	6.1	-0.005	0.010
Milk	40.0	0.6	-1.3	0.002	-0.005
Other milk products	23.3	1.2	-0.3	0.003	-0.001
Oils and fats	32.2	0.4	-2.1	0.001	-0.007
Corn oil	2.8	-1.1	5.4	0.000	0.002
Butter and margarine	9.2	0.1	1.9	0.000	0.002
Other oils and fats	20.1	0.7	-5.0	0.001	-0.010
Fruit	97.6	-1.2	1.0	-0.011	0.009
Oranges	9.4	4.0	7.6	0.004	0.008
Bananas and plantains	19.9	6.1	-7.3	0.008	-0.011
Apples	9.3	3.1	16.0	0.003	0.013
Avocado	5.0	-5.3	4.8	-0.002	0.002
Grapes	9.2	5.7	17.1	0.005	0.013
Nuts	11.9	-0.7	-6.4	-0.001	-0.008
Lemons and mandarins	6.0	-10.8	-8.9	-0.005	-0.004
Cherries and strawberries	8.8	-15.1	7.3	-0.019	0.007
Melons and watermelons	7.7	-1.0	-7.1	-0.001	-0.005
Papayas and pineapples	6.9	-1.0	-1.0	-0.001	-0.001
Other fruits and fruit products	3.5	-6.6	-14.7	-0.002	-0.005
Potatoes and other tubers	18.2	-9.2	-14.3	-0.014	-0.023
Potatoes	12.2	-15.4	-22.4	-0.014	-0.023
Other tubers	2.0	-1.3	-1.2	0.000	0.000
Sweet potatoes and yucca	4.0	2.1	1.0	0.001	0.000
Vegetables	89.1	-0.2	-8.7	-0.001	-0.071
Lettuce	6.8	15.0	-24.2	0.004	-0.011
Tomatoes	9.7	-1.4	-10.5	-0.001	-0.010
Onions and garlic	18.7	-3.5	-9.9	-0.005	-0.017
Celery and broccoli	15.3	2.5	-9.5	0.003	-0.012
Other vegetables	15.3	-0.5	-7.8	-0.001	-0.012
Other preserved or processed vegetables	8.4	-0.4	-1.4	0.000	-0.001
Frozen vegetable mixtures	14.8	-0.4	-6.1	0.000	-0.009
Sugar, jam, honey and other confectionery	42.0	-0.5	0.7	-0.002	0.003
Sugar	12.1	0.7	8.5	0.001	0.011
Jams and jellies	2.5	0.0	-4.6	0.000	-0.001
Other confectionery products	27.5	-1.1	-2.3	-0.003	-0.006
Food products n.e.c.	80.1	-0.5	-1.1	-0.004	-0.009
Other food products	80.1	-0.5	-1.1	-0.004	-0.009
Non-alcoholic beverages	123.6	0.1	0.0	0.001	0.000
Coffee and tea	20.9	-0.2	-4.4	0.000	-0.010
Other non-alcoholic beverages	14.6	0.0	1.6	0.000	0.002
Soft and sports drinks	31.0	0.3	2.4	0.001	0.008
Fruit juices	57.1	0.1	0.0	0.001	0.000
Food away from home	429.8	0.3	1.0	0.015	0.048
Food and beverage consumption away from home	429.8	0.3	1.0	0.015	0.048
Other goods and services	8,482.5	0.8	1.3	0.708	1.060
Other goods	4,735.8	0.8	2.8	0.380	1.290
Other services	3,746.7	0.9	-0.6	0.328	-0.230
CPI	10,000	0.7	1.0	0.713	0.980

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							-0.3	-3.3	-3.2	1.4
Low Income	96.95	96.92							0.0	-2.9	-3.0	
High Income	96.76	97.22							-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									
August-21									
September-21									
October-21									
November-21									
December-21									
Average 2020	61.77	31.09	31.99	42.09	12.50	240.09	137.05	210.16	169.02

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