

Consumer Price Index, base period June 2019

June 2022

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of June 2022.

Consumer Price Index for the month of June 2022

The CPI for June 2022 is 103.26, an increase of 0.7% compared to the index of May 2022 (102.49) and accumulating an increase of 2.6% up to and including June of this year.

The percentage change of the CPI over the last twelve (12) months (June 2021 to June 2022) is 5.3, an increase of 4.3 percentage points (ppts) compared to the percentage change for the same period of last year (1.0%).

The period average (last 24 months) percentage change of the CPI for the periods June 2020 to June 2021 and June 2021 to June 2022 is 3.4%, an increase of 5.2 ppts compared to the period average percentage change over the periods June 2019 to June 2020 and June 2020 to June 2021 (-1.8%).

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 “Transport” (4.5%), “Household operation” (2.6%) and “Food and non-alcoholic beverages” (1.2%) sectors, which contributed with an effect of 0.67, 0.24 and 0.13 ppts, respectively. The increases in the remaining sectors had an effect of 0.10 ppts on the CPI of June 2022.

Aforementioned increases were partially offset mainly by decreases in the indices for the “Clothing and footwear” (-7.3%) and “Recreation and culture” (-1.6%) sectors, causing an effect of -0.19 and -0.15 ppts, respectively. The decreases in the remaining sectors had an effect of -0.05 ppts on the CPI of June 2022. The increase in the “Transport” sector was mainly due to an increase in the category “Operation of personal transport equipment” (6.9%), which contributed to an effect of 0.65. The increase in the “Household operation” sector was mainly due to an increase in the category “Furniture, furnishings, carpets and other floor coverings” (14.2%), which contributed to an effect of 0.14 ppts. The increase in the “Food and non-alcoholic beverages” sector was mainly due to an increase in the category “Food” (1.2%), which contributed to an effect of 0.12 ppts.

The decrease in the “Clothing and footwear” sector was mainly due to a decrease in the category “Clothing” (-7.2%), which contributed to an effect of -0.15 ppts. The decrease in the “Recreation and culture” sector was mainly due to a decrease in the category “Holidays” (-2.8%), which contributed to an effect of -0.08 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to May 2022, 44.4% of these products had an increase in price, causing an effect of 1.40 ppts, while 39.5% showed a decrease, contributing to an effect of -0.65 ppts and the remaining 16.2% had no change in price. The prices of goods increased by 1.3% and caused an influence of 0.75 ppts. The prices of services were practically unchanged and had an insignificant contribution on the CPI of June 2022.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 2.0% in June 2022. The energy index - which consists of the products: electricity, water, gasoline and diesel – was 9.0%. The food index showed an increase of 5.1%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in June 2022 is Afl. 5,070, an increase of Afl. 300 compared to June 2021 (Afl. 4,770). The subsistence level for a single adult household is Afl. 2,414, an increase of Afl. 143 compared to June 2021 (Afl. 2,271).



CPI (BASE JUN 2019 = 100)		
Index	↑	103.26
Monthly	↑	0.7
Year-to-date	↑	2.6
End of period	↑	5.3
Period average	↑	3.4
Goods	↑	1.3
Services	–	0.0

CPIC (based on period average inflation)		
CPIC	↑	2.0
Energy	↑	9.0
Food	↑	5.1

SUBSISTENCE LEVEL in AFL.		
1 adult	↑	2,414
2 adults + 2 children	↑	5,070

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-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
<i>Index</i>	98.09	98.53	98.84	99.24	99.31	99.90	100.60	100.07	100.44	101.47	102.16	102.49	103.26
<i>Monthly</i>	0.7	0.5	0.3	0.4	0.1	0.6	0.7	-0.5	0.4	1.0	0.7	0.3	0.7
<i>Year-to-date</i>	1.1	1.5	1.8	2.2	2.3	2.9	3.6	-0.5	-0.2	0.9	1.5	1.9	2.6
<i>End of period</i>	1.0	1.8	1.4	2.2	2.4	3.1	3.6	3.3	3.5	4.0	4.7	5.2	5.3
<i>Period average</i>	-1.8	-1.4	-1.1	-0.7	-0.3	0.2	0.7	1.2	1.7	2.1	2.6	3.0	3.4
<i>Goods</i>	0.6	0.8	0.4	0.9	-0.7	0.7	1.4	-0.6	0.1	1.6	0.8	0.8	1.3
<i>Services</i>	0.8	0.0	0.2	-0.2	1.1	0.5	-0.2	-0.5	0.7	0.2	0.5	-0.4	0.0
<i>CPIC</i>	-1.6	-1.4	-1.3	-1.2	-0.9	-0.7	-0.3	0.1	0.5	0.8	1.2	1.7	2.0
<i>Energy</i>	-2.4	-0.9	0.6	2.0	3.4	5.1	6.7	7.5	8.2	8.7	8.8	8.7	9.0
<i>Food</i>	-2.5	-2.3	-2.1	-1.7	-1.4	-0.9	-0.3	0.4	1.2	2.0	3.0	4.0	5.1
<i>1 adult</i>	2,271	2,293	2,294	2,304	2,311	2,331	2,337	2,343	2,348	2,372	2,382	2,403	2,414
<i>2 adults + 2 children</i>	4,770	4,815	4,817	4,839	4,854	4,896	4,907	4,920	4,931	4,980	5,003	5,046	5,070

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 21 - Jun 22	Period average Jun 21 - Jun 22
<i>CPI</i>	10,000.0	0.75	0.8	2.6	5.3	3.4
<i>01. Food and non-alcoholic beverages</i>	1,087.7	0.13	1.2	6.3	11.1	4.8
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.3	2.7	4.2	1.9
<i>03. Clothing and footwear</i>	276.8	-0.19	-7.3	-5.6	1.0	3.4
<i>04. Housing</i>	2,522.2	0.07	0.3	0.2	0.5	0.8
<i>05. Household operation</i>	929.2	0.24	2.6	-1.6	5.3	2.4
<i>06. Health</i>	223.1	-0.04	-1.9	1.9	1.4	-1.8
<i>07. Transport</i>	1,257.4	0.67	4.5	19.4	22.0	15.4
<i>08. Communications</i>	849.6	-0.01	-0.1	-1.4	-0.7	-0.9
<i>09. Recreation and culture</i>	1,013.3	-0.15	-1.6	-5.1	-1.6	1.5
<i>10. Education</i>	98.0	0.00	0.0	0.0	4.6	4.2
<i>11. Restaurants and hotels</i>	442.0	0.01	0.1	3.6	6.0	3.4
<i>12. Miscellaneous goods and services</i>	1,222.6	0.03	0.2	0.4	3.2	1.5

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of June 2022

<i>Category</i>	Monthly change	Effect
<i>Operation of personal transport equipment</i>	6.9	0.65
<i>Furniture, furnishings, carpets and other floor coverings</i>	14.2	0.14
<i>Food</i>	1.2	0.12
<i>Maintenance and repair of the dwelling</i>	1.0	0.05

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of June 2022

<i>Category</i>	Monthly change	Effect
<i>Clothing</i>	-7.2	-0.15
<i>Holidays</i>	-2.8	-0.08
<i>Medical products, appliances and equipment</i>	-3.2	-0.05
<i>Footwear</i>	-7.9	-0.04
<i>Newspapers, books and stationery</i>	-10.6	-0.04

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in June 2022

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In June 2022 the average price per barrel of crude oil (US\$ 115.29) had an increase of US\$ 5.98 (5.5%) compared to May 2022 (US\$ 109.31).

The prices of electricity and water did not change compared to May 2022. 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 2022 the price of gasoline registered an increase of Afl. 32.20 cents (11.1%) and had an effect of 0.65 ppts on the CPI. The price of diesel registered an increase of Afl. 1.30 cents (0.4%) and had an insignificant effect on the CPI of June 2022.

In June 2022, utilities, gasoline and diesel as a group showed an increase in price of 3.8% compared to May 2022, and had an influence of 0.65 ppts on the CPI, while the remaining 404 goods and services, as a group, show an increase of 0.1% and had an effect of 0.10 ppts on the CPI.

Table 6 Effect on the CPI of June 2022 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	11.1	0.65
Water	367.3	0.0	0.00
Diesel	30.2	0.4	0.00
Total group	1,638.1	3.8	0.65
Remaining goods and services	8,361.9	0.1	0.10
CPI	10,000.0	0.7	0.75

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2021 - 2022

Month	2021							2022						
	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	51.23	31.09	31.99	240.09	137.05	185.90	152.40	83.06	31.09	31.99	240.09	137.05	230.60	195.00
March	59.10	31.09	31.99	240.09	137.05	196.30	158.60	91.32	31.09	31.99	240.09	137.05	245.70	214.10
March	62.62	31.09	31.99	240.09	137.05	208.78	170.90	108.58	31.09	31.99	240.09	137.05	261.00	228.80
April	61.52	31.09	31.99	240.09	137.05	221.60	175.80	102.29	31.09	31.99	240.09	137.05	291.00	274.50
May	65.17	31.09	31.99	240.09	137.05	222.10	174.60	109.31	31.09	31.99	240.09	137.05	289.00	289.00
June	70.97	31.09	31.99	240.09	137.05	225.80	183.00	115.29	31.09	31.99	240.09	137.05	321.20	290.30
July	72.61	31.09	31.99	240.09	137.05	230.70	188.70							
August	67.62	31.09	31.99	240.09	137.05	235.70	189.30							
September	70.50	31.09	31.99	240.09	137.05	233.60	185.60							
October	80.49	31.09	31.99	240.09	137.05	234.20	193.20							
November	80.13	31.09	31.99	240.09	137.05	246.40	209.00							
December	71.41	31.09	31.99	240.09	137.05	239.00	202.30							
Yearly Average	67.78	31.09	31.99	240.09	137.05	223.34	181.95	101.64	31.09	31.99	240.09	137.05	273.08	248.62

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 2022

The “Food & catering services” index showed an increase of 1.0% in June 2022, after an increase of 1.1% in May 2022. The index for “Food at home” showed an increase of 1.2% in June, as seven (7) of the eleven (11) “Food at home” indices increased in June 2022. The “Meat” index registered the largest increase (3.6%) in June 2022. Furthermore, other significant increases were posted in the indices for “Oils and fats” (3.1%), “Bread and cereals” (1.1%), “Non-alcoholic beverages” (0.9%) and “Food products n.e.c.” (0.8%). The largest decrease was registered in the index of “Potatoes and other tubers” (-2.2%).

Over the last twelve (12) months, the “Food & catering services” has increased by 9.5%. The “Food at home” index showed an increase of 11.1%, where all of the “Food at home” indices increased over the last year. The “Oils and fats” index increased by 24.3%, the largest increase among the “Food at home” food groups. Furthermore, other significant increases were posted in the indices for “Meat” (13.7%), “Fruit” (13.5%), “Milk, cheese and eggs” (11.7%), “Bread and cereals” (11.1%), “Fish and other seafood” (10.9%) and “Potatoes and other tubers” (9.4%).

The index for “Food away from home” increased by 0.6% in June 2022 and has increased by 5.9% over the last twelve (12) months.

In June 2022, “Food at home” and “Food away from home” as a group showed an increase in price of 1.0% compared to May 2022, and had an influence of 0.16 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.7%, causing an effect of 0.59 ppts on the CPI.

Table 8 Effect on the CPI of June 2022 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	1.2	0.13
<i>Food away from home</i>	429.8	0.6	0.03
Total group	1,517.5	1.0	0.16
<i>Remaining goods and services</i>	8,482.5	0.7	0.59
CPI	10,000.0	0.7	0.75

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Jun-21	May-22	Jun-22	Monthly Apr - May	Monthly May - Jun	End of period Jun 21 - Jun 22	Monthly May - Jun	End of period Jun 21 - Jun 22
Food & catering services	1,517.5	98.53	106.84	107.91	1.1	1.0	9.5	0.159	1.451
Food at home	1,087.7	96.59	106.02	107.27	1.4	1.2	11.1	0.133	1.184
<i>Bread and cereals</i>	178.1	95.90	105.42	106.54	0.2	1.1	11.1	0.019	0.193
<i>Meat</i>	242.5	100.59	110.38	114.41	1.8	3.6	13.7	0.095	0.342
<i>Fish and other seafood</i>	49.0	98.17	109.29	108.83	1.7	-0.4	10.9	-0.002	0.053
<i>Milk, cheese and eggs</i>	135.3	101.24	113.79	113.12	5.0	-0.6	11.7	-0.009	0.164
<i>Oils and fats</i>	32.2	95.84	115.54	119.18	-0.1	3.1	24.3	0.011	0.077
<i>Fruit</i>	97.6	90.76	102.34	103.04	0.3	0.7	13.5	0.007	0.122
<i>Potatoes and other tubers</i>	18.2	72.34	80.88	79.13	1.5	-2.2	9.4	-0.003	0.013
<i>Vegetables</i>	89.1	81.21	87.29	86.77	1.0	-0.6	6.8	-0.005	0.051
<i>Sugar, jam, honey and other confectionery</i>	42.0	100.81	107.51	107.58	0.9	0.1	6.7	0.000	0.029
<i>Food products n.e.c.</i>	80.1	98.77	105.01	105.86	0.6	0.8	7.2	0.007	0.058
<i>Non-alcoholic beverages</i>	123.6	100.66	106.30	107.27	0.6	0.9	6.6	0.012	0.017
Food away from home	429.8	103.44	108.90	109.53	0.2	0.6	5.9	0.026	0.267
Other goods and services	8,482.5	98.01	101.71	102.42	0.2	0.7	4.5	0.591	3.819
<i>Other goods</i>	4,735.8	96.23	101.62	102.96	0.7	1.3	7.0	0.621	3.251
<i>Other services</i>	3,746.7	100.26	101.83	101.75	-0.5	-0.1	1.5	-0.030	0.568
CPI	10,000.0	98.09	102.49	103.26	0.3	0.7	5.3	0.750	5.270

Source: Central Bureau of Statistics Aruba

The subsistence level in June 2022

The subsistence level is the minimum level of income which is perceived necessary to achieve an adequate standard of living in a given country. The subsistence level is usually determined by estimating the cost of all the essential resources that an average adult consumes in one month or year. This is commonly called a basic needs index, and varies according to the price of food, clothing, housing, transport and other items in the "basket". Equivalent scales are used to adjust the assumed standard of living, of households of different sizes and composition. The scale assigns a weight of 1.0 for the first adult and 0.5 for each additional adult in the household (aged 15+) and a weight of 0.3 for each child (aged 0-14 years). The subsistence level is based on figures of the report "Bestaansminimum 2010" published by the CBS in December 2010 and is monthly updated for inflation using the monthly CPI. The reference unit used in this report is a household consisting of two (2) adults and two (2) children (aged 0-14 years).

Table 9 Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-14 years)

Sector	Jun-21	Jun-22	Absolute
			Change
Food and non-alcoholic beverages	1,886	2,095	209
Clothing and footwear	240	243	3
Housing	1,449	1,456	7
Household operation	107	113	6
Health	79	80	1
Transport	300	366	66
Communications	150	149	-1
Recreation and culture	162	159	-3
Education	74	78	4
Miscellaneous goods and services	322	332	10
Total	4,770	5,070	300

Source: Central Bureau of Statistics Aruba

In June 2022 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 5,070) showed an increase of Afl. 300 compared to June 2021 (Afl. 4,770) and was mainly caused by an increase of Afl. 300 in the sector "Food and non-alcoholic beverages".

Table 10 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, June 2022 (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-21	2,271	2,953	3,407	4,088	4,770
Jul-21	2,293	2,980	3,439	4,127	4,815
Aug-21	2,294	2,982	3,441	4,129	4,817
Sep-21	2,304	2,995	3,456	4,148	4,839
Oct-21	2,311	3,005	3,467	4,161	4,854
Nov-21	2,331	3,031	3,497	4,196	4,896
Dec-21	2,337	3,038	3,505	4,206	4,907
Jan-22	2,343	3,046	3,514	4,217	4,920
Feb-22	2,348	3,052	3,522	4,226	4,931
Mar-22	2,372	3,083	3,557	4,269	4,980
Apr-22	2,382	3,097	3,574	4,288	5,003
May-22	2,403	3,124	3,604	4,325	5,046
Jun-22	2,414	3,139	3,622	4,346	5,070

Source: Central Bureau of Statistics Aruba

In June 2022, the monthly subsistence level for a single adult household is Afl 2,414, which represents an income deficit of Afl. 599, an increase of Afl. 143 compared to the deficit observed one year ago (Afl. 456). This deficit is the highest registered over a period of six (6) years for the month June.

Tabel 11 Monthly income surplus/deficit (in Afl.) for a single adult household for June, 2017 - 2022

Period	1 adult	Minimum	Surplus/deficit
		wage	
2017	2,096	1,678	-418
2018	2,173	1,711	-462
2019	2,339	1,762	-577
2020	2,277	1,815	-462
2021	2,271	1,815	-456
2022	2,414	1,815	-599

Source: Central Bureau of Statistics Aruba

APPENDIX 1
Monthly & Yearly Changes (%) in the Consumer Price Index for June 2022, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2021 Jun	2021 Dec	2022 May	2022 Jun	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 21 - Jun 22 12 months	Period average Jun 21 - Jun 22 24 months
Food and non-alcoholic beverages	1,087.7	96.59	100.89	106.02	107.27	1.2	6.3	11.1	4.8
Food	964.1	96.07	100.68	105.98	107.27	1.2	6.5	11.7	5.1
Non-alcoholic beverages	123.6	100.66	102.51	106.30	107.27	0.9	4.6	6.6	3.1
Alcoholic beverages and tobacco	78.2	100.50	101.99	104.42	104.71	0.3	2.7	4.2	1.9
Alcoholic beverages for consumption at home	62.2	98.97	100.77	103.33	103.68	0.3	2.9	4.8	1.9
Tobacco	16.0	106.45	106.74	108.64	108.68	0.0	1.8	2.1	1.8
Clothing and footwear	276.8	88.09	94.29	96.00	88.97	-7.3	-5.6	1.0	3.4
Clothing	212.8	88.26	95.07	98.59	91.52	-7.2	-3.7	3.7	5.4
Footwear	64.0	87.51	91.70	87.38	80.50	-7.9	-12.2	-8.0	-3.5
Housing	2,522.2	98.14	98.42	98.34	98.62	0.3	0.2	0.5	0.8
Actual rentals for housing	666.7	103.02	103.79	104.43	104.56	0.1	0.7	1.5	1.5
Imputed rentals for housing	34.4	97.56	99.65	89.79	92.28	2.8	-7.4	-5.4	-1.0
Maintenance and repair of the dwelling	517.0	101.08	101.30	99.92	100.94	1.0	-0.4	-0.1	1.6
Water supply and miscellaneous services relating to the dwelling	463.6	101.35	101.35	102.28	102.28	0.0	0.9	0.9	0.4
Electricity, gas and other fuels	840.4	90.72	90.72	90.72	90.72	0.0	0.0	0.0	0.0
Household operation	929.2	95.98	102.68	98.42	101.02	2.6	-1.6	5.3	2.4
Furniture, furnishings, carpets and other floor coverings	128.8	73.43	80.70	78.87	90.10	14.2	11.6	22.7	-1.6
Household textiles	58.6	79.51	80.43	75.29	77.82	3.4	-3.3	-2.1	-4.3
Household appliances	246.0	100.74	110.28	99.92	101.55	1.6	-7.9	0.8	5.7
Glassware, tableware and household utensils	17.2	74.10	81.49	79.44	73.15	-7.9	-10.2	-1.3	-10.9
Tools and equipment for house and garden	58.2	108.23	152.35	132.10	139.28	5.4	-8.6	28.7	16.0
Goods and services for routine household maintenance and cleaning	420.5	101.59	102.07	102.87	103.14	0.3	1.1	1.5	0.7
Health	223.1	95.58	95.13	98.83	96.92	-1.9	1.9	1.4	-1.8
Medical products, appliances and equipment	152.3	94.62	93.77	96.62	93.56	-3.2	-0.2	-1.1	-2.6
Out-patient services	52.4	95.43	95.71	104.43	102.79	-1.6	7.4	7.7	-0.2
Other treatments	7.8	92.74	92.14	101.57	99.12	-2.4	7.6	6.9	-1.3
Health products and services n.e.c.	10.5	112.35	113.97	100.73	114.73	13.9	0.7	2.1	0.4
Transport	1,257.4	102.97	105.20	120.19	125.62	4.5	19.4	22.0	15.4
Purchase of vehicles	442.6	98.83	98.87	111.64	111.97	0.3	13.2	13.3	6.7
Operation of personal transport equipment	763.3	105.69	109.54	126.35	135.08	6.9	23.3	27.8	20.6
Transport services	51.5	98.27	95.34	102.43	102.79	0.4	7.8	4.6	14.7
Communications	849.6	98.53	99.24	97.93	97.86	-0.1	-1.4	-0.7	-0.9
Telephone and telefax equipment	43.8	69.34	83.07	78.09	76.70	-1.8	-7.7	10.6	-9.9
Telephone and telefax services	805.8	100.12	100.12	99.01	99.01	0.0	-1.1	-1.1	-0.4
Recreation and culture	1,013.3	96.87	100.46	96.85	95.33	-1.6	-5.1	-1.6	1.5
Audio-visual, photographic and information processing equipment	58.5	94.24	122.78	94.09	91.04	-3.2	-25.9	-3.4	9.2
Other major durables for recreation and culture	20.0	80.15	92.12	102.87	98.40	-4.3	6.8	22.8	-0.8
Other recreational items and equipment; gardens and pets	266.6	98.99	100.58	100.43	100.22	-0.2	-0.4	1.2	0.9
Recreational and cultural services	309.1	99.82	101.77	101.92	101.90	0.0	0.1	2.1	2.1
Newspapers, books and stationery	43.7	80.66	81.73	86.89	77.67	-10.6	-5.0	-3.7	-3.9
Holidays	315.4	95.97	98.07	90.35	87.80	-2.8	-10.5	-8.5	1.0
Education	98.0	100.17	104.79	104.79	104.79	0.0	0.0	4.6	4.2
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	110.44	110.44	110.44	0.0	0.0	10.4	9.6
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	0.0
Restaurants and hotels	442.0	102.07	104.39	108.05	108.16	0.1	3.6	6.0	3.4
Catering services	429.8	103.44	105.43	108.90	109.53	0.6	3.9	5.9	3.7
Accommodation services	12.2	53.41	67.78	77.93	59.67	-23.4	-12.0	11.7	-9.4
Miscellaneous goods and services	1,222.6	97.55	100.23	100.45	100.67	0.2	0.4	3.2	1.5
Personal care	427.1	96.25	96.70	97.28	98.16	0.9	1.5	2.0	0.1
Personal effects n.e.c.	106.6	86.18	95.53	95.70	94.69	-1.1	-0.9	9.9	1.3
Social protection	78.2	100.00	126.67	126.67	126.67	0.0	0.0	26.7	21.1
Insurance	610.7	100.14	100.14	100.14	100.14	0.0	0.0	0.0	0.0
CPI	10,000.0	98.09	100.60	102.49	103.26	0.7	2.6	5.3	3.4

Source: Central Bureau of Statistics Aruba

The Period average (last 24 months) change is calculated by comparing the average index for the most recent 12-month period compared with the average index of the preceding 12-month period

APPENDIX 2

Effect on the Consumer Price Index per sector and category for June 2022, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly May - Jun	Ytd Dec - Jun	End of period Jun 21 - Jun 22 12 months	Period average Jun 21 - Jun 22 24 months
Food and non-alcoholic beverages	1,087.7	0.13	0.69	1.18	0.52
Food	964.1	0.12	0.63	1.10	0.48
Non-alcoholic beverages	123.6	0.01	0.06	0.08	0.04
Alcoholic beverages and tobacco	78.2	0.00	0.02	0.03	0.02
Alcoholic beverages for consumption at home	62.2	0.00	0.02	0.03	0.01
Tobacco	16.0	0.00	0.00	0.00	0.00
Clothing and footwear	276.8	-0.19	-0.15	0.02	0.09
Clothing	212.8	-0.15	-0.08	0.07	0.11
Footwear	64.0	-0.04	-0.07	-0.05	-0.02
Housing	2,522.2	0.07	0.05	0.12	0.21
Actual rentals for housing	666.7	0.01	0.05	0.10	0.11
Imputed rentals for housing	34.4	0.01	-0.03	-0.02	0.00
Maintenance and repair of the dwelling	517.0	0.05	-0.02	-0.01	0.09
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.04	0.04	0.02
Electricity, gas and other fuels	840.4	0.00	0.00	0.00	0.00
Household operation	929.2	0.24	-0.15	0.48	0.22
Furniture, furnishings, carpets and other floor coverings	128.8	0.14	0.12	0.22	-0.02
Household textiles	58.6	0.01	-0.02	-0.01	-0.02
Household appliances	246.0	0.04	-0.21	0.02	0.14
Glassware, tableware and household utensils	17.2	-0.01	-0.01	0.00	-0.02
Tools and equipment for house and garden	58.2	0.04	-0.08	0.18	0.10
Goods and services for routine household maintenance and cleaning	420.5	0.01	0.04	0.07	0.03
Health	223.1	-0.04	0.04	0.03	-0.04
Medical products, appliances and equipment	152.3	-0.05	0.00	-0.02	-0.04
Out-patient services	52.4	-0.01	0.04	0.04	0.00
Other treatments	7.8	0.00	0.01	0.01	0.00
Health products and services n.e.c.	10.5	0.01	0.00	0.00	0.00
Transport	1,257.4	0.67	2.55	2.90	1.90
Purchase of vehicles	442.6	0.01	0.58	0.59	0.30
Operation of personal transport equipment	763.3	0.65	1.94	2.29	1.53
Transport services	51.5	0.00	0.04	0.02	0.06
Communications	849.6	-0.01	-0.12	-0.06	-0.08
Telephone and telefax equipment	43.8	-0.01	-0.03	0.03	-0.04
Telephone and telefax services	805.8	0.00	-0.09	-0.09	-0.03
Recreation and culture	1,013.3	-0.15	-0.52	-0.16	0.15
Audio-visual, photographic and information processing equipment	58.5	-0.02	-0.18	-0.02	0.05
Other major durables for recreation and culture	20.0	-0.01	0.01	0.04	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.01	-0.01	0.03	0.02
Recreational and cultural services	309.1	0.00	0.00	0.07	0.07
Newspapers, books and stationery	43.7	-0.04	-0.02	-0.01	-0.02
Holidays	315.4	-0.08	-0.32	-0.26	0.03
Education	98.0	0.00	0.00	0.05	0.04
Pre primary and primary education	24.0	0.00	0.00	0.00	0.00
Secondary education	43.4	0.00	0.00	0.05	0.04
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	0.17	0.27	0.16
Catering services	429.8	0.03	0.18	0.27	0.17
Accommodation services	12.2	-0.02	-0.01	0.01	-0.01
Miscellaneous goods and services	1,222.6	0.03	0.05	0.39	0.19
Personal care	427.1	0.04	0.06	0.08	0.01
Personal effects n.e.c.	106.6	-0.01	-0.01	0.09	0.01
Social protection	78.2	0.00	0.00	0.21	0.17
Insurance	610.7	0.00	0.00	0.00	0.00
CPI	10,000.0	0.75	2.64	5.27	3.37

Source: Central Bureau of Statistics Aruba

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for June 2022, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly June - Jun	End of period Jun 21 - Jun 22 12 months	Monthly May - Jun	End of period Jun 21 - Jun 22 12 months
Food & catering services	1,517.5	1.0	9.5	0.159	1.451
Food at home	1,087.7	1.2	11.1	0.133	1.184
Bread and cereals	178.1	1.1	11.1	0.019	0.193
Rice	23.5	3.6	7.4	0.009	0.018
Bread	72.1	0.0	17.2	0.000	0.125
Pasta products	9.2	0.0	15.5	0.000	0.014
Other cereals and cereal products	73.3	1.6	5.3	0.011	0.036
Meat	242.5	3.6	13.7	0.095	0.342
Bovine	67.3	2.0	14.5	0.015	0.101
Swine	25.5	2.3	10.8	0.007	0.029
Poultry	75.7	9.3	24.7	0.076	0.183
Other meat and meat preparations	74.0	-0.2	3.7	-0.002	0.029
Fish and other seafood	49.0	-0.4	10.9	-0.002	0.053
Fish and seafood preparations	49.0	-0.4	10.9	-0.002	0.053
Milk, cheese and eggs	135.3	-0.6	11.7	-0.009	0.164
Cheese	55.4	0.5	6.5	0.003	0.038
Eggs	16.6	-4.8	58.6	-0.013	0.100
Milk	40.0	0.7	5.1	0.003	0.021
Other milk products	23.3	-0.8	2.1	-0.002	0.005
Oils and fats	32.2	3.1	24.3	0.011	0.077
Corn oil	2.8	5.3	40.5	0.002	0.012
Butter and margarine	9.2	2.1	14.4	0.002	0.013
Other oils and fats	20.1	3.3	26.6	0.007	0.051
Fruit	97.6	0.7	13.5	0.007	0.122
Oranges	9.4	-0.5	19.8	-0.001	0.022
Bananas and plantains	19.9	-2.8	14.3	-0.005	0.020
Apples	9.3	3.4	17.4	0.004	0.017
Avocado	5.0	6.7	23.5	0.003	0.010
Grapes	9.2	-4.3	-3.1	-0.004	-0.003
Nuts	11.9	1.4	2.2	0.002	0.003
Lemons and mandarins	6.0	-17.2	9.5	-0.010	0.004
Cherries and strawberries	8.8	11.4	39.2	0.014	0.042
Melons and watermelons	7.7	8.3	12.6	0.005	0.008
Papayas and pineapples	6.9	-1.7	-8.7	-0.001	-0.005
Other fruits and fruit products	3.5	-4.8	16.2	-0.002	0.005
Potatoes and other tubers	18.2	-2.2	9.4	-0.003	0.013
Potatoes	12.2	-5.9	7.7	-0.005	0.006
Other tubers	2.0	7.6	19.3	0.002	0.004
Sweet potatoes and yucca	4.0	0.6	7.5	0.000	0.003
Vegetables	89.1	-0.6	6.8	-0.005	0.051
Lettuce	6.8	-13.0	-3.5	-0.005	-0.001
Tomatoes	9.7	-3.5	11.7	-0.003	0.010
Onions and garlic	18.7	1.3	8.9	0.002	0.013
Celery and broccoli	15.3	-1.1	17.5	-0.001	0.020
Other vegetables	15.3	-0.3	0.0	0.000	0.000
Other preserved or processed vegetables	8.4	1.7	3.1	0.001	0.003
Frozen vegetable mixtures	14.8	1.2	4.4	0.002	0.006
Sugar, jam, honey and other confectionery	42.0	0.1	6.7	0.000	0.029
Sugar	12.1	-0.6	8.4	-0.001	0.011
Jams and jellies	2.5	5.0	4.1	0.001	0.001
Other confectionery products	27.5	0.0	6.1	0.000	0.017
Food products n.e.c.	80.1	0.8	7.2	0.007	0.058
Other food products	80.1	0.8	7.2	0.007	0.058
Non-alcoholic beverages	123.6	0.9	6.6	0.012	0.083
Coffee and tea	20.9	2.3	5.1	0.005	0.011
Other non-alcoholic beverages	14.6	1.2	2.3	0.002	0.004
Soft and sports drinks	31.0	0.7	4.9	0.002	0.016
Fruit juices	57.1	0.5	9.2	0.003	0.053
Food away from home	429.8	0.6	5.9	0.026	0.267
Food and beverage consumption away from home	429.8	0.6	5.9	0.026	0.267
Other goods and services	8,482.5	0.7	4.5	0.591	3.819
Other goods	4,735.8	1.3	7.0	0.621	3.251
Other services	3,746.7	-0.1	1.5	-0.030	0.568
CPI	10,000	0.7	5.3	0.750	5.270

Source: Central Bureau of Statistics Aruba

APPENDIX 4

Overview of the Consumer Price Index (CPI), 2021 - 2022 (Jun 2019 = 100)

	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	YEAR: 2022				YEAR: 2021			
					CHANGE				CHANGE			
					Monthly	Year-to date	Yearly (12 months)	Period average (24 months)	Monthly	Year-to date	Yearly (12 months)	Period average (24 months)
	<u>Jan.'21</u>	<u>Dec.'20</u>	<u>Jan.'22</u>	<u>Dec.'21</u>								
<u>Total Population</u>	96.89	97.06	100.07	100.60	-0.5	-0.5	3.3	1.2	-0.2	-0.2	-2.7	-1.8
Low Income	96.80	96.95	99.81	100.16	-0.3	-0.3	3.1		-0.2	-0.2	-2.4	
High Income	96.91	97.10	100.17	100.80	-0.6	-0.6	3.4		-0.2	-0.2	-2.8	
	<u>Feb.'21</u>	<u>Jan.'21</u>	<u>Feb.'22</u>	<u>Jan.'22</u>								
<u>Total Population</u>	97.00	96.89	100.44	100.07	0.4	-0.2	3.5	1.7	0.1	-0.1	-1.9	-2.2
Low Income	96.92	96.80	100.27	99.81	0.5	0.1	3.5		0.1	0.0	-1.7	
High Income	97.01	96.91	100.49	100.17	0.3	-0.3	3.6		0.1	-0.1	-2.1	
	<u>Mar.'21</u>	<u>Feb.'21</u>	<u>Mar.'22</u>	<u>Feb.'22</u>								
<u>Total Population</u>	97.59	97.00	101.47	100.44	1.0	0.9	4.0	2.1	0.6	0.5	-1.1	-2.3
Low Income	97.49	96.92	101.03	100.27	0.8	0.9	3.6		0.6	0.6	-0.9	
High Income	97.63	97.01	101.66	100.49	1.2	0.9	4.1		0.6	0.5	-1.2	
	<u>Apr.'21</u>	<u>Mar.'21</u>	<u>Apr.'22</u>	<u>Mar.'22</u>								
<u>Total Population</u>	97.57	97.59	102.16	101.47	0.7	1.5	4.7	2.6	-0.02	0.5	-0.4	-2.3
Low Income	97.52	97.49	101.62	101.03	0.6	1.5	4.2		0.03	0.6	-0.1	
High Income	97.58	97.63	102.39	101.66	0.7	1.6	4.9		-0.05	0.5	-0.5	
	<u>May'21</u>	<u>Apr.'21</u>	<u>May'22</u>	<u>Apr.'22</u>								
<u>Total Population</u>	97.39	97.57	102.49	102.16	0.3	1.9	5.2	3.0	-0.2	0.3	-0.2	-2.2
Low Income	97.31	97.52	102.08	101.62	0.5	1.9	4.9		-0.2	0.4	-0.1	
High Income	97.42	97.58	102.66	102.39	0.3	1.8	5.4		-0.2	0.3	-0.3	
	<u>Jun'21</u>	<u>May'21</u>	<u>Jun'22</u>	<u>May'22</u>								
<u>Total Population</u>	98.09	97.39	103.26	102.49	0.7	2.6	5.3	3.4	0.7	1.1	1.0	-1.8
Low Income	97.94	97.31	102.91	102.08	0.8	2.7	5.1		0.6	1.0	1.1	
High Income	98.14	97.42	103.40	102.66	0.7	2.6	5.4		0.7	1.1	0.9	
	<u>Jul'21</u>	<u>Jun'21</u>	<u>Jul'22</u>	<u>Jun'22</u>								
<u>Total Population</u>	98.53	98.09							0.5	1.5	1.8	-1.4
Low Income	98.24	97.94							0.3	1.3	1.3	
High Income	98.65	98.14							0.5	1.6	2.0	
	<u>Aug.'21</u>	<u>Jul'21</u>	<u>Aug.'22</u>	<u>Jul'22</u>								
<u>Total Population</u>	98.84	98.53							0.3	1.8	1.4	-1.1
Low Income	98.61	98.24							0.4	1.7	1.1	
High Income	98.93	98.65							0.3	1.9	1.6	
	<u>Sep.'21</u>	<u>Aug.'21</u>	<u>Sep.'22</u>	<u>Aug.'22</u>								
<u>Total Population</u>	99.24	98.84							0.4	2.2	2.2	-0.7
Low Income	99.08	98.61							0.5	2.2	2.0	
High Income	99.30	98.93							0.4	2.3	2.2	
	<u>Oct.'21</u>	<u>Sep.'21</u>	<u>Oct.'22</u>	<u>Sep.'22</u>								
<u>Total Population</u>	99.31	99.24							0.1	2.3	2.4	-0.3
Low Income	99.11	99.08							0.0	2.2	2.1	
High Income	99.38	99.30							0.1	2.3	2.5	
	<u>Nov.'21</u>	<u>Oct.'21</u>	<u>Nov.'22</u>	<u>Oct.'22</u>								
<u>Total Population</u>	99.90	99.31							0.6	2.9	3.1	0.2
Low Income	99.50	99.11							0.4	2.6	2.6	
High Income	100.08	99.38							0.7	3.1	3.3	
	<u>Dec.'21</u>	<u>Nov.'21</u>	<u>Dec.'22</u>	<u>Nov.'22</u>								
<u>Total Population</u>	100.60	99.90							0.7	3.6	3.6	0.7
Low Income	100.16	99.50							0.7	3.3	3.3	
High Income	100.80	100.08							0.7	3.8	3.8	

Source: Central Bureau of Statistics Aruba

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2022

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
Average 2021	67.78	31.09	31.99	42.09	12.50	240.09	137.05	223.34	181.95
January-22	83.06	31.09	31.99	42.09	12.50	240.09	137.05	230.60	195.00
February-22	91.32	31.09	31.99	42.09	12.50	240.09	137.05	245.70	214.10
March-22	108.58	31.09	31.99	42.09	12.50	240.09	137.05	261.00	228.80
April-22	102.29	31.09	31.99	42.09	12.50	240.09	137.05	291.00	274.50
May-22	109.31	31.09	31.99	42.09	12.50	240.09	137.05	289.00	289.00
June-22	115.29	31.09	31.99	42.09	12.50	240.09	137.05	321.20	290.30
July-22									
August-22									
September-22									
October-22									
November-22									
December-22									
Average 2022	101.64	31.09	31.99	42.09	12.50	240.09	137.05	273.08	248.62

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