

Consumer Price Index, base period June 2019

October 2022

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

Consumer Price Index for the month of October 2022

The CPI for October 2022 is 106.30, an increase of 0.1% compared to the index of September 2022 (106.20) and accumulating an increase of 5.7% up to and including October of this year.

The percentage change of the CPI over the last twelve (12) months (October 2021 to October 2022) is 7.0, an increase of 4.6 percentage points (ppts) compared to the percentage change for the same period of last year (2.4%).

The period average (last 24 months) percentage change of the CPI for the periods October 2020 to October 2021 and October 2021 to October 2022 is 5.1%, an increase of 5.4 ppts compared to the period average percentage change over the periods October 2019 to October 2020 and October 2020 to October 2021 (-0.3%).

During this month, four (4) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Recreation and culture" (2.8%) and "Household operation" (2.8%) sectors, which contributed with an effect of 0.26 and 0.25 ppts, respectively. The increases in the remaining sectors had an effect of 0.12 ppts on the CPI of October 2022. Aforementioned increases were partially offset mainly by decreases in the indices for the "Transport" (-1.6%) and "Clothing and footwear" (-5.8%) sectors, causing an effect of -0.23 and -0.15 ppts, respectively. The decreases in the remaining sectors had an effect of -0.16 ppts on the CPI of October 2022.

The increase in the "Recreation and culture" sector was mainly due to an increase in the category "Holidays" (11.6%), which contributed to an effect of 0.30 ppts. The increase in the "Household operation" sector was mainly due to an increase of 21.9% in the category "Furniture, furnishings, carpets and other floor coverings", which contributed to an effect of 0.20 ppts.

The decrease in the "Transport" sector was mainly due to a decrease in the category "Operation of personal transport equipment" (-2.6%), which contributed to an effect of -0.22 ppts. The decrease in the "Clothing and footwear" sector was mainly due to a decrease of 6.6% in the category "Clothing", which contributed to an effect of -0.13 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to September 2022, 49.0% of these products had an increase in price, causing an effect of 1.14 ppts, while 32.8% showed a decrease, contributing to an effect of -1.05 ppts and the remaining 18.1% had no change in price. The prices of goods decreased by 0.3% and caused an influence of -0.20 ppts. The prices of services increased by 0.7% and had an influence of 0.29 ppts on the CPI of October 2022.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 2.9% in October 2022. The energy index - which consists of the products: electricity, water, gasoline and diesel – was 12.8%. The food index showed an increase of 9.0%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in October 2022 is Afl. 5,311, an increase of Afl. 457 compared to October 2021 (Afl. 4,854). The subsistence level for a single adult household is Afl. 2,529, an increase of Afl. 218 compared to October 2021 (Afl. 2,311).



CPI (BASE JUN 2019 = 100)

Index	↑	106.30
Monthly	↑	0.1
Year-to-date	↑	5.7
End of period	↑	7.0
Period average	↑	5.1
Goods	↓	-0.3
Services	↑	0.7

CPIC (based on period average inflation)

CPIC	↑	2.9
Energy	↑	12.8
Food	↑	9.0

SUBSISTENCE LEVEL ^{in AFL}

1 adult	↑	2,529
2 adults + 2 children	↑	5,311

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

	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22
<i>Index</i>	99.31	99.90	100.60	100.07	100.44	101.47	102.16	102.49	103.26	104.46	106.43	106.20	106.30
<i>Monthly</i>	0.1	0.6	0.7	-0.5	0.4	1.0	0.7	0.3	0.7	1.2	1.9	-0.2	0.1
<i>Year-to-date</i>	2.3	2.9	3.6	-0.5	-0.2	0.9	1.5	1.9	2.6	3.8	5.8	5.6	5.7
<i>End of period</i>	2.4	3.1	3.6	3.3	3.5	4.0	4.7	5.2	5.3	6.0	7.7	7.0	7.0
<i>Period average</i>	-0.3	0.2	0.7	1.2	1.7	2.1	2.6	3.0	3.4	3.7	4.3	4.7	5.1
<i>Goods</i>	-0.7	0.7	1.4	-0.6	0.1	1.6	0.8	0.8	1.3	1.6	3.2	-0.2	-0.3
<i>Services</i>	1.1	0.5	-0.2	-0.5	0.7	0.2	0.5	-0.4	0.0	0.5	0.1	-0.3	0.7
<i>CPIC</i>	-0.9	-0.7	-0.3	0.1	0.5	0.8	1.2	1.7	2.0	2.2	2.5	2.7	2.9
<i>Energy</i>	3.4	5.1	6.7	7.5	8.2	8.7	8.8	8.7	9.0	9.5	10.8	11.9	12.8
<i>Food</i>	-1.4	-0.9	-0.3	0.4	1.2	2.0	3.0	4.0	5.1	6.1	7.1	8.0	9.0
<i>1 adult</i>	2,311	2,331	2,337	2,343	2,348	2,372	2,382	2,403	2,414	2,440	2,513	2,528	2,529
<i>2 adults + 2 children</i>	4,854	4,896	4,907	4,920	4,931	4,980	5,003	5,046	5,070	5,124	5,278	5,309	5,311

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Sep - Oct	Percentage changes			
			Monthly Sep - Oct	Year-to-date Dec - Oct	End of period Oct 21 - Oct 22	Period average Oct 21 - Oct 22
CPI	10,000.0	0.09	0.1	5.7	7.0	5.1
<i>01. Food and non-alcoholic beverages</i>	1,087.7	0.11	1.0	10.7	12.8	8.6
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	0.5	3.9	5.3	3.6
<i>03. Clothing and footwear</i>	276.8	-0.15	-5.8	-3.2	-3.8	5.0
<i>04. Housing</i>	2,522.2	-0.06	-0.2	11.4	11.6	3.2
<i>05. Household operation</i>	929.2	0.25	2.8	0.9	6.7	3.9
<i>06. Health</i>	223.1	-0.08	-3.9	0.8	0.7	0.0
<i>07. Transport</i>	1,257.4	-0.23	-1.6	11.3	12.3	17.1
<i>08. Communications</i>	849.6	-0.01	-0.1	-1.3	-1.8	-1.4
<i>09. Recreation and culture</i>	1,013.3	0.26	2.8	-0.2	2.9	2.4
<i>10. Education</i>	98.0	0.00	0.0	0.0	0.0	3.4
<i>11. Restaurants and hotels</i>	442.0	0.00	-0.1	5.1	6.1	4.7
<i>12. Miscellaneous goods and services</i>	1,222.6	-0.01	-0.1	0.4	1.3	2.0

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Holidays</i>	11.6	0.30
<i>Furniture, furnishings, carpets and other floor coverings</i>	21.9	0.20
<i>Food</i>	0.9	0.09
<i>Household appliances</i>	1.7	0.04

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Operation of personal transport equipment</i>	-2.6	-0.22
<i>Clothing</i>	-6.6	-0.13
<i>Medical products, appliances and equipment</i>	-5.0	-0.07
<i>Maintenance and repair of the dwelling</i>	-1.1	-0.06

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In October 2022 the average price per barrel of crude oil (US\$ 87.61) had an increase of US\$ 2.24 (2.6%) compared to September 2022 (US\$ 85.37).

The prices of electricity and water did not change compared to September 2022. Subsequently, the average electricity price per household remained at Afl. 294.56, while the average price of water per household remained at Afl. 168.73.

In October 2022 the price of gasoline registered a decrease of Afl. 13.10 cents (-4.9%) and had an effect of -0.25 ppts on the CPI. The price of diesel registered a decrease of Afl. 10.50 cents (-3.9%) and had an effect of -0.02 ppt on the CPI of October 2022.

In October 2022, utilities, gasoline and diesel as a group showed a decrease in price of 1.5% compared to September 2022, and had an influence of -0.27 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 0.36 ppts on the CPI.

Table 6 Effect on the CPI of October 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	-4.9	-0.25
Water	367.3	0.0	0.00
Diesel	30.2	-3.9	-0.02
Total group	1,638.1	-1.5	-0.27
Remaining goods and services	8,361.9	0.4	0.36
CPI	10,000.0	0.1	0.09

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 ≤ 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	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	103.21	31.09	31.99	240.09	137.05	335.70	312.70
August	67.62	31.09	31.99	240.09	137.05	235.70	189.30	93.74	38.53	39.65	294.56	167.75	293.20	278.50
September	70.50	31.09	31.99	240.09	137.05	233.60	185.60	85.37	38.53	39.65	294.56	168.73	268.00	269.90
October	80.49	31.09	31.99	240.09	137.05	234.20	193.20	87.61	38.53	39.65	294.56	168.73	254.90	259.40
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	97.98	33.32	34.29	256.43	146.46	279.03	261.22

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 October 2022

The “Food & catering services” index showed an increase of 0.7% in October 2022, after an increase of 0.5% in September 2022. The index for “Food at home” showed an increase of 1.0% in October, as ten (10) of the eleven (11) “Food at home” indices increased in October 2022. The “Potatoes and other tubers” index registered the largest increase (7.7%) in October 2022. Furthermore, other significant increases were posted in the indices for “Vegetables” (3.3%), “Fish and other seafood” (2.9%), “Oils and fats” (1.9%) and “Non-alcoholic beverages” (1.7%).

The only decrease was registered in the index of “Fruit” (-1.1%).

Over the last twelve (12) months, the “Food & catering services” has increased by 10.7%. The “Food at home” index showed an increase of 12.8%, where all of the “Food at home” indices increased over the last year. The “Oils and fats” index increased by 20.3%, the largest increase among the “Food at home” food groups. Furthermore, other significant increases were posted in the indices for “Potatoes and other tubers” (19.4%), “Meat” (16.2%), “Fish and other seafood” (16.2%), “Milk, cheese and eggs” (13.9%) and “Fruit” (11.9%).

The index for “Food away from home” decreased by 0.1% in October 2022 and has increased by 5.9% over the last twelve (12) months.

In October 2022, “Food at home” and “Food away from home” as a group showed an increase in price of 0.7% compared to September 2022, and had an influence of 0.11 pts on the CPI, while the remaining goods and services, as a group, experienced a slight decrease in price of 0.02%, causing an effect of -0.02 pts on the CPI.

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

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	1.0	0.11
<i>Food away from home</i>	429.8	-0.1	-0.01
<i>Total group</i>	1,517.5	0.7	0.11
<i>Remaining goods and services</i>	8,482.5	-0.02	-0.02
<i>CPI</i>	10,000.0	0.1	0.09

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Oct-21	Sep-22	Oct-22	Monthly Aug - Sep	Monthly Sep - Oct	End of period Oct 21 - Oct 22	Monthly Sep - Oct	End of period Oct 21 - Oct 22
Food & catering services	1,517.5	100.65	110.70	111.45	0.5	0.7	10.7	0.108	1.651
Food at home	1,087.7	99.01	110.54	111.65	0.6	1.0	12.8	0.113	1.384
<i>Bread and cereals</i>	178.1	100.06	110.27	110.49	1.1	0.2	10.4	0.004	0.187
<i>Meat</i>	242.5	102.11	117.64	118.69	0.1	0.9	16.2	0.024	0.405
<i>Fish and other seafood</i>	49.0	98.54	111.18	114.45	-1.2	2.9	16.2	0.015	0.079
<i>Milk, cheese and eggs</i>	135.3	101.62	114.94	115.70	0.1	0.7	13.9	0.010	0.192
<i>Oils and fats</i>	32.2	104.06	122.83	125.16	2.3	1.9	20.3	0.007	0.068
<i>Fruit</i>	97.6	94.77	107.30	106.09	2.9	-1.1	11.9	-0.011	0.111
<i>Potatoes and other tubers</i>	18.2	80.54	89.34	96.20	4.0	7.7	19.4	0.012	0.029
<i>Vegetables</i>	89.1	85.81	90.54	93.51	-2.6	3.3	9.0	0.025	0.069
<i>Sugar, jam, honey and other confectionery</i>	42.0	101.65	110.73	110.98	0.6	0.2	9.2	0.001	0.039
<i>Food products n.e.c.</i>	80.1	100.33	107.56	108.25	0.5	0.6	7.9	0.005	0.064
<i>Non-alcoholic beverages</i>	123.6	101.29	110.72	112.58	1.3	1.7	11.1	0.022	0.026
Food away from home	429.8	104.79	111.10	110.97	0.4	-0.1	5.9	-0.005	0.267
Other goods and services	8,482.5	99.06	105.40	105.38	-0.4	0.0	6.4	-0.017	5.390
<i>Other goods</i>	4,735.8	97.24	108.13	107.44	-0.4	-0.6	10.5	-0.311	4.863
<i>Other services</i>	3,746.7	101.37	101.94	102.77	-0.3	0.8	1.4	0.293	0.528
CPI	10,000.0	99.31	106.20	106.30	-0.2	0.1	7.0	0.090	7.041

Source: Central Bureau of Statistics Aruba

APPENDIX 1

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

DESCRIPTION	WEIGHT coefficient	2021	2021	2022	2022	Monthly Sep - Oct	Ytd Dec - Oct	End of period Oct 21 - Oct 22 12 months	Period average Oct 21 - Oct 22 24 months
		Oct	Dec	Sep	Oct				
Food and non-alcoholic beverages	1,087.7	99.01	100.89	110.54	111.65	1.0	10.7	12.8	8.6
Food	964.1	98.72	100.68	110.52	111.53	0.9	10.8	13.0	9.0
Non-alcoholic beverages	123.6	101.29	102.51	110.72	112.58	1.7	9.8	11.1	5.9
Alcoholic beverages and tobacco	78.2	100.56	101.99	105.42	105.92	0.5	3.9	5.3	3.6
Alcoholic beverages for consumption at home	62.2	98.96	100.77	104.57	105.19	0.6	4.4	6.3	4.1
Tobacco	16.0	106.74	106.74	108.74	108.74	0.0	1.9	1.9	1.9
Clothing and footwear	276.8	94.93	94.29	96.85	91.27	-5.8	-3.2	-3.8	5.0
Clothing	212.8	96.78	95.07	100.41	93.83	-6.6	-1.3	-3.0	6.2
Footwear	64.0	88.77	91.70	85.02	82.76	-2.6	-9.7	-6.8	0.7
Housing	2,522.2	98.27	98.42	109.92	109.68	-0.2	11.4	11.6	3.2
Actual rentals for housing	666.7	103.53	103.79	104.95	105.08	0.1	1.2	1.5	1.5
Imputed rentals for housing	34.4	96.66	99.65	96.49	94.59	-2.0	-5.1	-2.1	-2.6
Maintenance and repair of the dwelling	517.0	101.09	101.30	106.71	105.51	-1.1	4.2	4.4	0.9
Water supply and miscellaneous services relating to the dwelling	463.6	101.35	101.35	120.59	120.59	0.0	19.0	19.0	5.2
Electricity, gas and other fuels	840.4	90.72	90.72	110.49	110.49	0.0	21.8	21.8	5.4
Household operation	929.2	97.07	102.68	100.76	103.57	2.8	0.9	6.7	3.9
Furniture, furnishings, carpets and other floor coverings	128.8	74.38	80.70	75.21	91.68	21.9	13.6	23.3	2.8
Household textiles	58.6	79.97	80.43	78.98	80.51	1.9	0.1	0.7	-2.1
Household appliances	246.0	99.99	110.28	108.85	110.67	1.7	0.4	10.7	7.5
Glassware, tableware and household utensils	17.2	74.04	81.49	74.51	77.28	3.7	-5.2	4.4	-5.8
Tools and equipment for house and garden	58.2	124.35	152.35	132.68	129.63	-2.3	-14.9	4.2	16.7
Goods and services for routine household maintenance and cleaning	420.5	101.87	102.07	103.55	103.75	0.2	1.6	1.8	1.3
Health	223.1	95.19	95.13	99.76	95.88	-3.9	0.8	0.7	0.0
Medical products, appliances and equipment	152.3	94.01	93.77	97.48	92.63	-5.0	-1.2	-1.5	-1.4
Out-patient services	52.4	95.56	95.71	106.48	104.22	-2.1	8.9	9.1	4.7
Other treatments	7.8	92.34	92.14	100.39	98.26	-2.1	6.6	6.4	3.1
Health products and services n.e.c.	10.5	112.69	113.97	98.76	99.66	0.9	-12.6	-11.6	-5.7
Transport	1,257.4	104.24	105.20	119.06	117.10	-1.6	11.3	12.3	17.1
Purchase of vehicles	442.6	98.30	98.87	116.86	117.65	0.7	19.0	19.7	11.4
Operation of personal transport equipment	763.3	108.12	109.54	120.61	117.53	-2.6	7.3	8.7	20.3
Transport services	51.5	97.87	95.34	115.03	106.12	-7.8	11.3	8.4	16.2
Communications	849.6	99.72	99.24	98.00	97.91	-0.1	-1.3	-1.8	-1.4
Telephone and telefax equipment	43.8	92.42	83.07	79.47	77.77	-2.1	-6.4	-15.9	-12.2
Telephone and telefax services	805.8	100.12	100.12	99.01	99.01	0.0	-1.1	-1.1	-0.8
Recreation and culture	1,013.3	97.43	100.46	97.46	100.23	2.8	-0.2	2.9	2.4
Audio-visual, photographic and information processing equipment	58.5	81.02	122.78	96.38	91.52	-5.0	-25.5	13.0	7.0
Other major durables for recreation and culture	20.0	89.25	92.12	115.70	93.93	-18.8	2.0	5.2	3.5
Other recreational items and equipment; gardens and pets	266.6	99.19	100.58	107.13	107.18	0.0	6.6	8.1	3.8
Recreational and cultural services	309.1	102.53	101.77	101.97	101.97	0.0	0.2	-0.6	1.5
Newspapers, books and stationery	43.7	88.04	81.73	81.64	89.70	9.9	9.7	1.9	-0.2
Holidays	315.4	95.82	98.07	86.10	96.12	11.6	-2.0	0.3	1.4
Education	98.0	104.79	104.79	104.79	104.79	0.0	0.0	0.0	3.4
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	110.44	110.44	110.44	110.44	0.0	0.0	0.0	7.6
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	103.39	104.39	109.74	109.67	-0.1	5.1	6.1	4.7
Catering services	429.8	104.79	105.43	111.10	110.97	-0.1	5.3	5.9	5.0
Accommodation services	12.2	53.97	67.78	61.79	63.92	3.4	-5.7	18.4	-10.1
Miscellaneous goods and services	1,222.6	99.33	100.23	100.70	100.60	-0.1	0.4	1.3	2.0
Personal care	427.1	96.12	96.70	98.25	98.47	0.2	1.8	2.4	1.0
Personal effects n.e.c.	106.6	92.37	95.53	94.72	92.70	-2.1	-3.0	0.3	1.9
Social protection	78.2	120.00	126.67	126.67	126.67	0.0	0.0	5.6	22.6
Insurance	610.7	100.14	100.14	100.14	100.14	0.0	0.0	0.0	0.0
CPI	10,000.0	99.31	100.60	106.20	106.30	0.1	5.7	7.0	5.1

Source: Central Bureau of Statistics Aruba

APPENDIX 2

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

DESCRIPTION	WEIGHT coefficient	Monthly	Ytd	End of period	Period average
		Sep - Oct	Dec - Oct	Oct 21 - Oct 22 12 months	Oct 21 - Oct 22 24 months
Food and non-alcoholic beverages	1,087.7	0.11	1.16	1.38	0.93
Food	964.1	0.09	1.04	1.24	0.86
Non-alcoholic beverages	123.6	0.02	0.12	0.14	0.07
Alcoholic beverages and tobacco	78.2	0.00	0.03	0.04	0.03
Alcoholic beverages for consumption at home	62.2	0.00	0.03	0.04	0.03
Tobacco	16.0	0.00	0.00	0.00	0.00
Clothing and footwear	276.8	-0.15	-0.08	-0.10	0.12
Clothing	212.8	-0.13	-0.03	-0.06	0.12
Footwear	64.0	-0.01	-0.06	-0.04	0.00
Housing	2,522.2	-0.06	2.82	2.90	0.82
Actual rentals for housing	666.7	0.01	0.09	0.10	0.10
Imputed rentals for housing	34.4	-0.01	-0.02	-0.01	-0.01
Maintenance and repair of the dwelling	517.0	-0.06	0.22	0.23	0.05
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.89	0.90	0.25
Electricity, gas and other fuels	840.4	0.00	1.65	1.67	0.42
Household operation	929.2	0.25	0.08	0.61	0.36
Furniture, furnishings, carpets and other floor coverings	128.8	0.20	0.14	0.22	0.03
Household textiles	58.6	0.01	0.00	0.00	-0.01
Household appliances	246.0	0.04	0.01	0.26	0.18
Glassware, tableware and household utensils	17.2	0.00	-0.01	0.01	-0.01
Tools and equipment for house and garden	58.2	-0.02	-0.13	0.03	0.11
Goods and services for routine household maintenance and cleaning	420.5	0.01	0.07	0.08	0.05
Health	223.1	-0.08	0.02	0.02	0.00
Medical products, appliances and equipment	152.3	-0.07	-0.02	-0.02	-0.02
Out-patient services	52.4	-0.01	0.04	0.05	0.02
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	-0.23	1.49	1.63	2.17
Purchase of vehicles	442.6	0.03	0.83	0.86	0.51
Operation of personal transport equipment	763.3	-0.22	0.61	0.72	1.59
Transport services	51.5	-0.04	0.06	0.04	0.07
Communications	849.6	-0.01	-0.11	-0.15	-0.12
Telephone and telefax equipment	43.8	-0.01	-0.02	-0.06	-0.05
Telephone and telefax services	805.8	0.00	-0.09	-0.09	-0.07
Recreation and culture	1,013.3	0.26	-0.02	0.28	0.23
Audio-visual, photographic and information processing equipment	58.5	-0.03	-0.18	0.06	0.04
Other major durables for recreation and culture	20.0	-0.04	0.00	0.01	0.01
Other recreational items and equipment; gardens and pets	266.6	0.00	0.17	0.21	0.10
Recreational and cultural services	309.1	0.00	0.01	-0.02	0.05
Newspapers, books and stationery	43.7	0.03	0.03	0.01	0.00
Holidays	315.4	0.30	-0.06	0.01	0.04
Education	98.0	0.00	0.00	0.00	0.03
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	0.03
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	0.23	0.28	0.22
Catering services	429.8	-0.01	0.24	0.27	0.23
Accommodation services	12.2	0.00	0.00	0.01	-0.01
Miscellaneous goods and services	1,222.6	-0.01	0.05	0.16	0.25
Personal care	427.1	0.01	0.08	0.10	0.04
Personal effects n.e.c.	106.6	-0.02	-0.03	0.00	0.02
Social protection	78.2	0.00	0.00	0.05	0.19
Insurance	610.7	0.00	0.00	0.00	0.00
CPI	10,000.0	0.09	5.66	7.04	5.05

APPENDIX 3

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

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Sep - Oct	End of period Oct 21 - Oct 22 12 months	Monthly Sep - Oct	End of period Oct 21 - Oct 22 12 months
Food & catering services	1,517.5	0.7	10.7	0.108	1.651
Food at home	1,087.7	1.0	12.8	0.113	1.384
Bread and cereals	178.1	0.2	10.4	0.004	0.187
Rice	23.5	0.7	15.9	0.002	0.039
Bread	72.1	-0.4	7.0	-0.003	0.054
Pasta products	9.2	-0.4	19.4	0.000	0.018
Other cereals and cereal products	73.3	0.7	11.1	0.005	0.076
Meat	242.5	0.9	16.2	0.024	0.405
Bovine	67.3	-0.3	14.4	-0.002	0.101
Swine	25.5	-0.4	8.9	-0.001	0.025
Poultry	75.7	1.0	28.7	0.009	0.213
Other meat and meat preparations	74.0	2.4	8.5	0.018	0.065
Fish and other seafood	49.0	2.9	16.2	0.015	0.079
Fish and seafood preparations	49.0	2.9	16.2	0.015	0.079
Milk, cheese and eggs	135.3	0.7	13.9	0.010	0.192
Cheese	55.4	0.9	8.7	0.005	0.051
Eggs	16.6	-0.6	48.9	-0.001	0.084
Milk	40.0	0.5	5.7	0.002	0.023
Other milk products	23.3	1.7	15.2	0.004	0.034
Oils and fats	32.2	1.9	20.3	0.007	0.068
Corn oil	2.8	0.0	34.8	0.000	0.011
Butter and margarine	9.2	5.4	16.7	0.005	0.016
Other oils and fats	20.1	0.7	19.7	0.002	0.041
Fruit	97.6	-1.1	11.9	-0.011	0.111
Oranges	9.4	2.1	19.7	0.003	0.024
Bananas and plantains	19.9	-7.2	17.6	-0.013	0.026
Apples	9.3	-0.1	16.7	0.000	0.016
Avocado	5.0	-5.4	11.2	-0.002	0.004
Grapes	9.2	10.0	15.2	0.008	0.013
Nuts	11.9	-1.1	5.7	-0.001	0.006
Lemons and mandarins	6.0	5.2	18.2	0.002	0.008
Cherries and strawberries	8.8	-3.8	-7.3	-0.005	-0.010
Melons and watermelons	7.7	-6.1	18.6	-0.005	0.012
Papayas and pineapples	6.9	-0.7	3.3	0.000	0.002
Other fruits and fruit products	3.5	2.4	30.0	0.001	0.009
Potatoes and other tubers	18.2	7.7	19.4	0.012	0.029
Potatoes	12.2	13.0	19.9	0.012	0.018
Other tubers	2.0	1.9	19.8	0.000	0.004
Sweet potatoes and yucca	4.0	-1.4	18.1	-0.001	0.006
Vegetables	89.1	3.3	9.0	0.025	0.069
Lettuce	6.8	13.8	28.5	0.005	0.010
Tomatoes	9.7	0.9	6.3	0.001	0.006
Onions and garlic	18.7	0.8	6.1	0.001	0.009
Celery and broccoli	15.3	5.8	7.5	0.007	0.010
Other vegetables	15.3	5.3	13.1	0.007	0.017
Other preserved or processed vegetables	8.4	2.9	7.2	0.002	0.006
Frozen vegetable mixtures	14.8	0.8	7.5	0.001	0.010
Sugar, jam, honey and other confectionery	42.0	0.2	9.2	0.001	0.039
Sugar	12.1	-0.7	8.8	-0.001	0.012
Jams and jellies	2.5	0.7	9.9	0.000	0.002
Other confectionery products	27.5	0.6	9.3	0.002	0.026
Food products n.e.c.	80.1	0.6	7.9	0.005	0.064
Other food products	80.1	0.6	7.9	0.005	0.064
Non-alcoholic beverages	123.6	1.7	11.1	0.022	0.140
Coffee and tea	20.9	0.5	6.4	0.001	0.013
Other non-alcoholic beverages	14.6	0.8	4.0	0.001	0.006
Soft and sports drinks	31.0	4.2	11.3	0.014	0.037
Fruit juices	57.1	1.0	14.7	0.006	0.084
Food away from home	429.8	-0.1	5.9	-0.005	0.267
Food and beverage consumption away from home	429.8	-0.1	5.9	-0.005	0.267
Other goods and services	8,482.5	0.0	6.4	-0.017	5.390
Other goods	4,735.8	-0.6	10.5	-0.311	4.863
Other services	3,746.7	0.8	1.4	0.293	0.528
CPI	10,000	0.1	7.0	0.090	7.041

Source: Central Bureau of Statistics Aruba

APPENDIX 4

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

	Base				YEAR: 2022				YEAR: 2021			
	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	CHANGE				CHANGE			
					Monthly	Year-to date	Yearly (12 months)	Period average (24 months)	Monthly	Year-to date	Yearly (12 months)	Period average (24 months)
	Jan.'21	Dec.'20	Jan.'22	Dec.'21								
<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	
	Feb.'21	Jan.'21	Feb.'22	Jan.'22								
<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	
	Mar.'21	Feb.'21	Mar.'22	Feb.'22								
<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	
	Apr.'21	Mar.'21	Apr.'22	Mar.'22								
<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	
	May'21	Apr.'21	May'22	Apr.'22								
<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	
	Jun'21	May'21	Jun'22	May'22								
<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	
	Jul'21	Jun'21	Jul'22	Jun'22								
<u>Total Population</u>	98.53	98.09	104.46	103.26	1.2	3.8	6.0	3.7	0.5	1.5	1.8	-1.4
Low Income	98.24	97.94	103.79	102.91	0.9	3.6	5.6		0.3	1.3	1.3	
High Income	98.65	98.14	104.76	103.40	1.3	3.9	6.2		0.5	1.6	2.0	
	Aug.'21	Jul'21	Aug.'22	Jul'22								
<u>Total Population</u>	98.84	98.53	106.43	104.46	1.9	5.8	7.7	4.3	0.3	1.8	1.4	-1.1
Low Income	98.61	98.24	106.46	103.79	2.6	6.3	8.0		0.4	1.7	1.1	
High Income	98.93	98.65	106.41	104.76	1.6	5.6	7.6		0.3	1.9	1.6	
	Sep.'21	Aug.'21	Sep.'22	Aug.'22								
<u>Total Population</u>	99.24	98.84	106.20	106.43	-0.2	5.6	7.0	4.7	0.4	2.2	2.2	-0.7
Low Income	99.08	98.61	106.26	106.46	-0.2	6.1	7.2		0.5	2.2	2.0	
High Income	99.30	98.93	106.16	106.41	-0.2	5.3	6.9		0.4	2.3	2.2	
	Oct.'21	Sep.'21	Oct.'22	Sep.'22								
<u>Total Population</u>	99.31	99.24	106.30	106.20	0.1	5.7	7.0	5.1	0.1	2.3	2.4	-0.3
Low Income	99.11	99.08	106.28	106.26	0.0	6.1	7.2		0.0	2.2	2.1	
High Income	99.38	99.30	106.29	106.16	0.1	5.4	6.9		0.1	2.3	2.5	
	Nov.'21	Oct.'21	Nov.'22	Oct.'22								
<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	
	Dec.'21	Nov.'21	Dec.'22	Nov.'22								
<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	

APPENDIX 5

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

		Electricity components							
Month	Crude oil ¹	Total energy charge ²			Fixed charge ³	Electricity ⁴	Water ⁵	Gasoline ⁶	Diesel ⁶
		≤ 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	103.21	31.09	31.99	42.09	12.50	240.09	137.05	335.70	312.70
August-22	93.74	38.53	39.65	52.16	12.50	294.56	167.75	293.20	278.50
September-22	85.37	38.53	39.65	52.16	12.50	294.56	168.73	268.00	269.90
October-22	87.61	38.53	39.65	52.16	12.50	294.56	168.73	254.90	259.40
November-22	85.37	38.53	39.65	52.16	12.50	294.56	168.73	268.00	269.90
December-22									
Average 2022	96.83	33.80	34.78	45.75	12.50	259.90	148.48	278.03	262.01

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