

## Consumer Price Index, base period June 2019

### November 2023

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of November 2023.



### Consumer Price Index for the month of November 2023

The CPI for November 2023 (108.34), shows an increase of 0.2% compared to the index of October 2023 (108.14).

The percentage change of the CPI over the last twelve (12) months (November 2022 to November 2023) is 1.7, a decrease of 4.9 percentage points (ppts) compared to the percentage change for the same period of last year (6.6%).

The period average (last 24 months) percentage change of the CPI for the periods November 2021 to November 2022 and November 2022 to November 2023 is 3.7%, a decrease of 1.6 ppt compared to the period average percentage change over the periods November 2020 to November 2021 and November 2021 to November 2022 (5.3%).



During this month, eight (8) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the “Communications” (6.0%) and “Recreation and culture” (2.2%) sectors, which contributed with an effect of 0.49 and 0.19 ppts, respectively. The increases in the remaining sectors had an effect of 0.31 ppts on the CPI of November 2023.

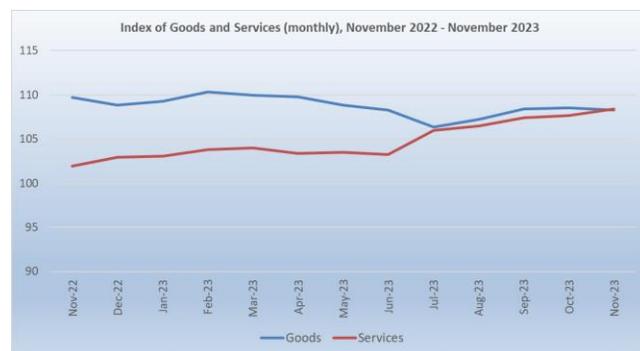
Aforementioned increases were partially offset mainly by a decrease in the index for the “Transport” (-5.2%) sector, which caused an effect of -0.70 ppts. The decreases in the remaining sectors had an effect of -0.11 ppts on the CPI of November 2023.

The increase in the “Communications” sector was mainly due to an increase in the category “Telephone and telefax services” (6.1%), which contributed to an effect of 0.48 ppts. The increase in the “Recreation and culture” sector was mainly due to an increase of 6.6% in the category “Holidays”, which contributed to an effect of 0.15 ppts.

The decrease in the “Transport” sector was mainly due to a decrease in the category “Operation of personal transport equipment” (-6.5%), which contributed to an effect of -0.58 ppts.

### Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to October 2023, 45.8% of these products had an increase in price, causing an effect of 1.32 ppts, while 37.7% showed a decrease, contributing to an effect of -1.14 ppts and the remaining 16.4% had no change in price. The prices of goods decreased by 0.2% and caused an influence of -0.12 ppts. The prices of services showed an increase of 0.7% and had an influence of 0.30 ppts on the CPI of November 2023.



CPI (BASE JUN 2019 = 100)									CPIC			SUBSISTENCE LEVEL		
Month	Year	Index	Monthly	Year-to-date	End of period	Period average	Goods	Services	CPIC	Energy	Food	1 adult	2 adults + 2 children	
November	2023	108.34	↑ 0.2	↑ 1.8	↑ 1.7	↑ 3.7	↑ -0.2	↓ 0.7	↑ 2.7	↑ 5.6	↑ 7.4	↑ 2,594	↑ 5,447	
October	2023	108.14	↑ 0.1	↑ 1.7	↑ 1.7	↑ 4.1	↑ 0.1	↑ 0.2	↑ 2.6	↑ 7.7	↑ 8.4	↑ 2,587	↑ 5,432	
November	2022	106.49	0.2	5.8	6.6	5.3	1.4	-1.6	3.0	13.5	9.7	2,553	5,362	

## Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 2.7% in November 2023. The energy index - which consists of the products: electricity, water, gasoline and diesel – was 5.6%. The food index showed an increase of 7.4%.

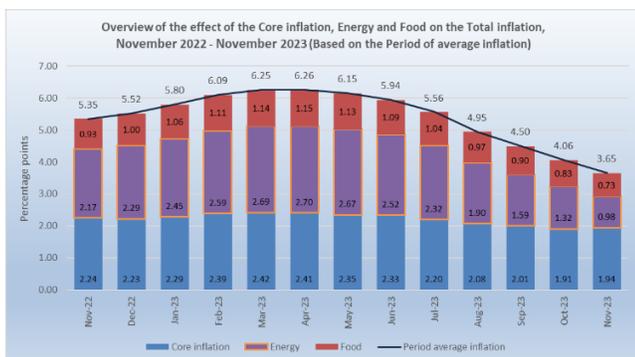
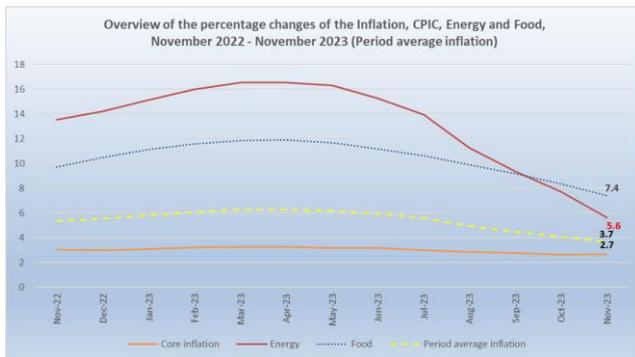
### What is CPIC?

The CPIC (core inflation) is a portion of the inflation where certain items, which have volatile price movements are excluded, such as food products and energy. When calculating the core inflation, the most volatile components are eliminated from the inflation. The core inflation index is used to assess the medium and long-term trends of the general level of prices. For purposes of economic policy-making, especially monetary policy, many economists focus on the proportion of the core inflation, as this allows a more in-depth evaluation of the recent inflation developments in the economy. The annual average of the CPI is used to calculate the CPIC.

The CPIC is calculated by comparing the average index for the most recent 12-month period compared with the preceding 12-month period.

The three main uses of a CPI are:

1. a calculation method to compensate employees due to the loss of purchasing power, adjusting their salaries, with the percentage change rate of the CPI, which is known as indexation.
2. a tool used in National Accounts to adjust components of the gross domestic product (GDP) from nominal terms to real terms. (For example, by eliminating the effect of the price changes from the consumption value)
3. a means commonly used by governments and central banks to set inflation targets.



## Subsistence level

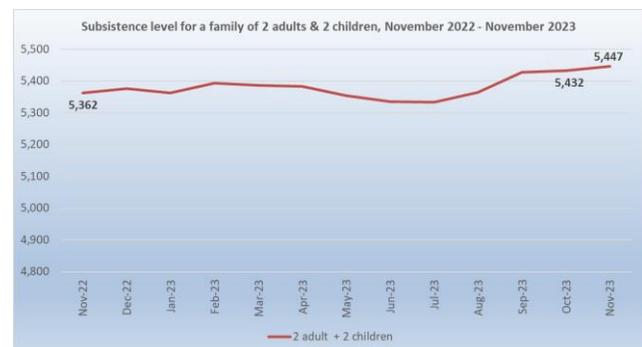
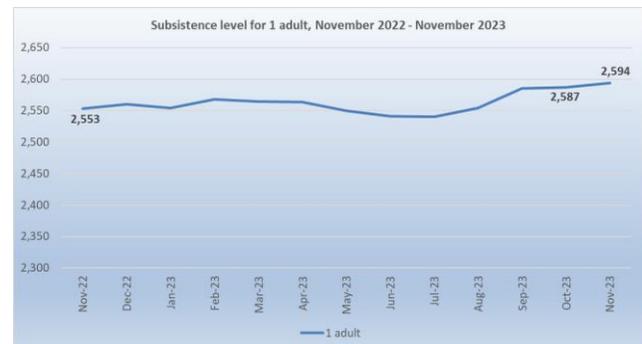
The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in November 2023 is Afl. 5,447, an increase of Afl. 15 compared to October 2023 (Afl. 5,432). The subsistence level for a single adult household is Afl. 2,594, an increase of Afl. 7 compared to October 2023 (Afl. 2,587).

### What is the Subsistence level and how is it adjusted?

The CBS defines the subsistence level as the minimum level of income that is perceived as necessary for a person or family to be able to function in the society in an adequate and socially acceptable manner. When the definition of subsistence level is used, it refers in reality to a "Social subsistence level" and not the literal definition "the money needed to purchase those goods and services deemed necessary for living a life free of basic deprivation" (United Nations).

A subsistence level index was created by calculating the cost of the essential resources that an average adult consumes during a month. Each month this index is adjusted, based on the prices of food, clothing, shelter, transportation, and other items in the basket.

The current subsistence level is based on the "Subsistence level 2010" report published by the CBS in December 2010, and is updated monthly according to the CPI. The reference unit used in this report is of a household consisting of two adults and two children (0 to 14 years). The total weight of such household is 2.1 (1.0 + 0.5 + 0.3 + 0.3).



## The subsistence level in November 2023

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" 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).

In November 2023 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 5,447) showed an increase of Afl. 85 compared to November 2022 (Afl. 5,362) and was mainly caused by increases of respectively, Afl. 40 and Afl. 29 in the sectors "Food and non-alcoholic beverages" and "Communications".

Table 1 Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-14 years)

Sector	Nov-22	Nov-23	Absolute Change
Food and non-alcoholic beverages	2,218	2,258	40
Clothing and footwear	255	247	-8
Housing	1,628	1,650	22
Household operation	114	115	1
Health	82	84	2
Transport	349	322	-27
Communications	140	169	29
Recreation and culture	166	160	-6
Education	78	97	19
Miscellaneous goods and services	333	344	11
<b>Total</b>	<b>5,362</b>	<b>5,447</b>	<b>85</b>

Source: Central Bureau of Statistics Aruba

Table 2 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, November 2023 (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
Nov-22	2,553	3,319	3,830	4,596	5,362
Dec-22	2,560	3,328	3,840	4,608	5,376
Jan-23	2,554	3,320	3,831	4,597	5,363
Feb-23	2,568	3,339	3,852	4,623	5,393
Mar-23	2,565	3,334	3,847	4,616	5,386
Apr-23	2,564	3,333	3,845	4,615	5,384
May-23	2,550	3,315	3,824	4,589	5,354
Jun-23	2,541	3,303	3,812	4,574	5,336
Jul-23	2,540	3,302	3,810	4,572	5,334
Aug-23	2,554	3,320	3,831	4,598	5,364
Sep-23	2,585	3,360	3,877	4,653	5,428
Oct-23	2,587	3,363	3,880	4,656	5,432
Nov-23	2,594	3,372	3,891	4,669	5,447

Source: Central Bureau of Statistics Aruba

In November 2023, the monthly subsistence level for a single adult household is Afl 2,594, which represents an income deficit of Afl. 701, a decrease of Afl. 37 compared to the deficit observed one year ago (Afl. 738). This deficit is the second highest registered over a period of six (6) years for the month November.

Table 3 Monthly income surplus/deficit (in Afl.) for a single adult household for November, 2018 - 2023

Period	1 adult	Minimum wage	Surplus/deficit
2018	2,222	1,711	-511
2019	2,329	1,762	-567
2020	2,266	1,815	-451
2021	2,331	1,815	-516
2022	2,553	1,815	-738
2023	2,594	1,893	-701

Source: Central Bureau of Statistics Aruba

Table 4 Overview of the percentage changes of the CPI and the subsistence level, November 2022 - November 2023 (Jun 2019=100)

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Mei-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
<b>Index CPI</b>													
CPI (Monthly)	106.49	106.37	106.69	107.59	107.47	107.12	106.60	106.20	106.20	106.94	108.00	108.14	108.34
CPI (12-month average)	103.36	103.84	104.40	104.99	105.49	105.91	106.25	106.49	106.64	106.68	106.83	106.98	107.14
<b>Percentage changes</b>													
Monthly	0.2	-0.1	0.3	0.8	-0.1	-0.3	-0.5	-0.4	0.0	0.7	1.0	0.1	0.2
Year-to-date	5.8	5.7	0.3	1.1	1.0	0.7	0.2	-0.2	-0.2	0.5	1.5	1.7	1.8
End of period	6.6	5.7	6.6	7.1	5.9	4.9	4.0	2.8	1.7	0.5	1.7	1.7	1.7
Period average	5.3	5.5	5.8	6.1	6.2	6.3	6.1	5.9	5.6	4.9	4.5	4.1	3.7
<b>Index Goods</b>													
Goods (Monthly)	109.72	108.82	109.27	110.31	109.96	109.78	108.82	108.30	106.36	107.25	108.42	108.51	108.29
Goods (12-month average)	103.92	104.69	105.55	106.48	107.24	107.93	108.46	108.84	108.91	108.78	108.77	108.79	108.67
<b>Percentage changes</b>													
Monthly	1.4	-0.8	0.4	0.9	-0.3	-0.2	-0.9	-0.5	-1.8	0.8	1.1	0.1	-0.2
Year-to-date	10.2	9.3	0.4	1.4	1.0	0.9	0.0	-0.5	-2.3	-1.4	-0.4	-0.3	-0.5
End of period	11.7	9.3	10.3	11.3	9.1	8.1	6.2	4.4	0.9	-1.4	-0.1	0.3	-1.3
Period average	7.8	8.1	8.6	9.2	9.5	9.7	9.6	9.3	8.6	7.5	6.6	5.7	4.6
<b>Index Services</b>													
Services (Monthly)	101.97	102.96	103.09	103.80	104.00	103.40	103.51	103.27	105.98	106.51	107.40	107.64	108.41
Services (12-month average)	102.58	102.66	102.79	102.92	103.05	103.09	103.17	103.23	103.47	103.75	104.13	104.46	105.00
<b>Percentage changes</b>													
Monthly	-1.6	1.0	0.1	0.7	0.2	-0.6	0.1	-0.2	2.6	0.5	0.8	0.2	0.7
Year-to-date	0.0	0.9	0.1	0.8	1.0	0.4	0.5	0.3	2.9	3.4	4.3	4.5	5.3
End of period	-0.2	0.9	1.6	1.5	1.5	0.4	0.9	0.7	2.8	3.3	4.4	3.9	6.3
Period average	2.1	2.0	2.0	2.0	1.8	1.6	1.4	1.3	1.4	1.5	1.6	1.8	2.4
<b>Indices CPIC, Energy &amp; Food</b>													
CPIC (12-month average)	101.65	101.83	102.11	102.45	102.73	102.98	103.20	103.41	103.53	103.68	103.86	104.05	104.36
Energy (12-month average)	109.28	110.74	112.20	113.69	114.93	115.88	116.55	116.77	116.82	116.23	116.07	116.00	115.44
Food (12-month average)	106.47	107.61	108.68	109.69	110.63	111.44	112.14	112.67	113.17	113.51	113.90	114.21	114.34
<b>Percentage changes</b>													
CPIC (Period average)	3.0	3.0	3.1	3.2	3.3	3.3	3.2	3.2	3.0	2.8	2.7	2.6	2.7
Energy (Period average)	13.5	14.2	15.1	16.0	16.5	16.5	16.3	15.3	14.0	11.3	9.3	7.7	5.6
Food (Period average)	9.7	10.5	11.1	11.6	11.9	11.9	11.7	11.2	10.6	9.9	9.2	8.4	7.4
<b>Subsistence level (Monthly)</b>													
1 adult	2,553	2,560	2,554	2,568	2,565	2,564	2,550	2,541	2,540	2,554	2,585	2,587	2,594
2 adults + 2 children	5,362	5,376	5,363	5,393	5,386	5,384	5,354	5,336	5,334	5,364	5,428	5,432	5,447
<b>Changes in AfI</b>													
1 adult (Monthly)	24	7	-6	14	-3	-1	-14	-9	-1	14	31	2	7
1 adult (Yearly)	222	223	211	220	193	182	147	127	100	41	57	58	41
2 adults + 2 children (Monthly)	51	14	-13	30	-7	-2	-30	-18	-2	30	64	4	15
2 adults + 2 children (Yearly)	466	469	443	462	406	381	308	266	210	86	119	121	85

Source: Central Bureau of Statistics Aruba

Table 5 Percentage change by sector

Sector	Weight	Effect	Percentage changes			
			Monthly	Year-to-date	End of period	Period average
	coefficient	Oct - Nov	Oct - Nov	Dec - Nov	Nov 22 - Nov 23	Nov 21/22 - Nov 22/23
<b>CPI</b>	<b>10,000.0</b>	<b>0.18</b>	<b>0.2</b>	<b>1.8</b>	<b>1.7</b>	<b>3.7</b>
01. Food and non-alcoholic beverages	1,125.3	0.00	0.0	1.2	1.8	7.6
02. Alcoholic beverages and tobacco	81.9	0.00	0.0	4.0	3.9	4.9
03. Clothing and footwear	625.9	0.12	5.4	-5.0	-2.9	-5.2
04. Housing	2,553.3	0.11	0.4	1.3	1.4	7.7
05. Household operation	741.3	-0.10	-1.2	4.4	1.0	3.1
06. Health	235.8	0.01	0.4	1.9	2.3	3.8
07. Transport	1,815.4	-0.70	-5.2	-5.6	-7.7	-0.2
08. Communications	706.3	0.49	6.0	21.5	21.1	0.8
09. Recreation and culture	891.2	0.19	2.2	-5.6	-3.6	-1.7
10. Education	83.0	0.00	0.0	25.2	25.2	8.1
11. Restaurants and hotels	373.7	0.03	0.5	4.6	7.6	7.9
12. Miscellaneous goods and services	767.0	0.04	0.4	2.9	3.1	2.6

Source: Central Bureau of Statistics Aruba

Table 6 Categories with the greatest positive effect on the CPI of November 2023

Category	Monthly change	Effect
Telephone and telefax services	6.1	0.48
Holidays	6.6	0.15
Clothing	7.5	0.13
Maintenance and repair of the dwelling	1.8	0.10

Source: Central Bureau of Statistics Aruba

Table 7 Categories with the greatest negative effect on the CPI of November 2023

Category	Monthly change	Effect
Operation of personal transport equipment	-6.5	-0.58
Household appliances	-4.6	-0.11
Purchase of vehicles	-2.3	-0.10

Source: Central Bureau of Statistics Aruba

## Change in prices of crude oil, utilities, gasoline and diesel in November 2023

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In November 2023 the average price per barrel of crude oil (US\$ 78.48) had a decrease of US\$ 7.46 (-8.7%) compared to October 2023 (US\$ 85.94).

The prices of electricity and water did not change compared to October 2023. Subsequently, the average electricity price per household remained at Afl. 274.57, while the average price of water per household remained at Afl. 168.73.

In November 2023 the price of gasoline registered a decrease of Afl. 29.30 cents (-10.5%) and had an effect of -0.56 ppts on the CPI. The price of diesel registered a decrease of Afl. 13.00 cents (-5.0%) and had an effect of -0.02 ppts on the CPI of November 2023.

In November 2023, utilities, gasoline and diesel as a group, showed a decrease in price of 3.3% compared to October 2023, and had an influence of -0.58 ppts on the CPI, while the remaining 404 goods and services, as a group, show an increase of 0.9% and had an effect of 0.76 ppts on the CPI.

Table 9 Effect on the CPI of November 2023 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly		Yearly	
		Change	Effect	Change	Effect
Electricity	810.2	0.0	0.00	-6.8	-0.57
Gasoline	430.5	-10.5	-0.56	-7.6	-0.40
Water	367.3	0.0	0.00	0.0	0.00
Diesel	30.2	-5.0	-0.02	-13.0	-0.06
<b>Total group</b>	<b>1,638.1</b>	<b>-3.3</b>	<b>-0.58</b>	<b>-5.6</b>	<b>-1.03</b>
Remaining goods and services	8,361.9	0.9	0.76	3.4	2.76
<b>CPI</b>	<b>10,000.0</b>	<b>0.2</b>	<b>0.18</b>	<b>1.7</b>	<b>1.74</b>

Source: Central Bureau of Statistics Aruba

Table 8 Prices of crude oil, utilities, gasoline and diesel, 2022 - 2023

Month	2022							2023						
	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	83.06	31.09	31.99	240.09	137.05	230.60	195.00	78.01	38.53	39.65	294.56	168.73	243.80	246.60
February	91.32	31.09	31.99	240.09	137.05	245.70	214.10	76.99	38.53	39.65	294.56	168.73	262.50	260.30
March	108.58	31.09	31.99	240.09	137.05	261.00	228.80	73.51	38.53	39.65	294.56	168.73	257.60	234.80
April	102.29	31.09	31.99	240.09	137.05	291.00	274.50	79.51	38.53	39.65	294.56	168.73	262.40	231.50
May	109.31	31.09	31.99	240.09	137.05	289.00	289.00	71.86	35.80	36.84	274.57	168.73	266.70	221.50
June	115.29	31.09	31.99	240.09	137.05	321.20	290.30	70.12	35.80	36.84	274.57	168.73	255.90	209.10
July	103.21	31.09	31.99	240.09	137.05	335.70	312.70	75.57	35.80	36.84	274.57	168.73	256.40	212.50
August	93.74	38.53	39.65	294.56	167.75	293.20	278.50	81.34	35.80	36.84	274.57	168.73	268.80	225.60
September	85.37	38.53	39.65	294.56	168.73	268.00	269.90	88.11	35.80	36.84	274.57	168.73	283.70	251.70
October	87.61	38.53	39.65	294.56	168.73	254.90	259.40	85.94	35.80	36.84	274.57	168.73	277.90	260.80
November	85.08	38.53	39.65	294.56	168.73	269.10	284.80	78.48	35.80	36.84	274.57	168.73	248.60	247.80
December	76.80	38.53	39.65	294.56	168.73	251.40	261.00							
<b>Yearly Average</b>	<b>95.14</b>	<b>34.19</b>	<b>35.18</b>	<b>262.78</b>	<b>150.17</b>	<b>275.90</b>	<b>263.17</b>	<b>78.13</b>	<b>36.79</b>	<b>37.86</b>	<b>281.84</b>	<b>168.73</b>	<b>262.21</b>	<b>236.56</b>

Source: Central Bureau of Statistics Aruba

<sup>1</sup> Average West Texas Intermediate (WTI) crude oil price per barrel in US\$ (Source: U.S. Energy Information Administration)

<sup>2</sup> Total energy charge in Afl. cents per kWh

<sup>3</sup> Electricity price in Afl. is based on an average household usage of 725.5 kWh

<sup>4</sup> Water price in Afl. is based on an average household usage in m<sup>3</sup>

<sup>5</sup> Gasoline and diesel prices in Afl. cents per liter

## Change in prices of Food & catering services in November 2023

The “Food & catering services” index showed an increase of 0.1% in November 2023, the same increase as in October 2023. The index for “Food at home” showed a slight decrease of 0.03% in November, as six (6) of the eleven (11) “Food at home” indices decreased in November 2023. The “Potatoes and other tubers” index registered the largest decrease (-3.3%) in November 2023. Furthermore, other decreases were posted in the indices for “Fish and other seafood” (-1.7%) and “Vegetables” (-0.8%). The largest increase was registered in the index for “Non-alcoholic beverages” (1.4%) in November 2023.

The index for “Food away from home” shows an increase of 0.5% in November 2023.

In November 2023, “Food at home” and “Food away from home” as a group showed an increase in price of 0.1% compared to October 2023, and had an effect of 0.02 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.2%, causing an effect of 0.16 ppts on the CPI.

Table 11 Effect on the CPI of November 2023 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	0.0	0.00
<i>Food away from home</i>	429.8	0.5	0.02
<i>Total group</i>	1,517.5	0.1	0.02
<i>Remaining goods and services</i>	8,482.5	0.2	0.16
<i>CPI</i>	10,000.0	0.2	0.18

Source: Central Bureau of Statistics Aruba

Table 10 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Nov-22	Oct-23	Nov-23	Monthly Sep - Oct	Monthly Oct - Nov	End of period Nov 22 - Nov 23	Monthly Oct - Nov	End of period Nov 22 - Nov 23
<b>Food &amp; catering services</b>	<b>1,517.5</b>	<b>113.07</b>	<b>116.93</b>	<b>117.08</b>	<b>0.1</b>	<b>0.1</b>	<b>3.6</b>	<b>0.021</b>	<b>0.572</b>
<b>Food at home</b>	<b>1,087.7</b>	<b>113.59</b>	<b>115.68</b>	<b>115.65</b>	<b>0.2</b>	<b>-0.03</b>	<b>1.8</b>	<b>-0.004</b>	<b>0.210</b>
<i>Bread and cereals</i>	178.1	112.38	120.12	120.06	0.7	0.0	6.8	-0.001	0.128
<i>Meat</i>	242.5	120.05	116.77	116.32	-0.4	-0.4	-3.1	-0.010	-0.085
<i>Fish and other seafood</i>	49.0	114.62	113.70	111.80	0.0	-1.7	-2.5	-0.009	-0.013
<i>Milk, cheese and eggs</i>	135.3	120.12	123.03	122.93	0.3	-0.1	2.3	-0.001	0.036
<i>Oils and fats</i>	32.2	127.07	124.07	124.22	-0.6	0.1	-2.2	0.000	-0.009
<i>Fruit</i>	97.6	106.92	103.12	103.48	0.6	0.3	-3.2	0.003	-0.031
<i>Potatoes and other tubers</i>	18.2	94.80	92.82	89.74	-2.2	-3.3	-5.3	-0.005	-0.009
<i>Vegetables</i>	89.1	99.03	95.26	94.54	0.9	-0.8	-4.5	-0.006	-0.038
<i>Sugar, jam, honey and other confectionery</i>	42.0	111.89	127.02	127.39	0.4	0.3	13.9	0.001	0.061
<i>Food products n.e.c.</i>	80.1	108.77	120.70	121.17	0.2	0.4	11.4	0.003	0.093
<i>Non-alcoholic beverages</i>	123.6	113.83	118.63	120.35	0.2	1.4	5.7	0.020	0.027
<b>Food away from home</b>	<b>429.8</b>	<b>111.75</b>	<b>120.10</b>	<b>120.72</b>	<b>0.0</b>	<b>0.5</b>	<b>8.0</b>	<b>0.025</b>	<b>0.362</b>
<b>Other goods and services</b>	<b>8,482.5</b>	<b>105.31</b>	<b>106.57</b>	<b>106.77</b>	<b>0.1</b>	<b>0.2</b>	<b>1.4</b>	<b>0.160</b>	<b>1.167</b>
<i>Other goods</i>	4,735.8	108.84	106.86	106.60	0.1	-0.2	-2.1	-0.114	-0.996
<i>Other services</i>	3,746.7	100.85	106.21	107.00	0.2	0.7	6.1	0.274	2.163
<b>CPI</b>	<b>10,000.0</b>	<b>106.49</b>	<b>108.14</b>	<b>108.34</b>	<b>0.1</b>	<b>0.2</b>	<b>1.7</b>	<b>0.181</b>	<b>1.739</b>

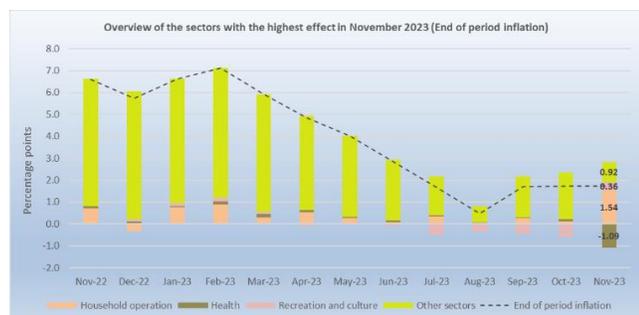
Source: Central Bureau of Statistics Aruba

## CPI for the period

### November 2022 – November 2023

#### Consumer Price Index

Over the last 12 months, the CPI increased by 1.7%. Nine (9) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the “Communications” (21.1%), “Miscellaneous goods and services” (3.1%), “Housing” (1.4%), “Restaurants and hotels” (7.6%), “Education” (25.2%) and “Food and non-alcoholic beverages” (1.8%) sectors, which contributed with an effect of respectively, 1.54, 0.36, 0.36, 0.35, 0.24 and 0.21 ppts. The increases in the remaining sectors had an effect of 0.17 ppts on the CPI of November 2022 - November 2023.



Aforementioned increases were partially offset, mainly by a decrease in the index for the “Transport” (-7.7%) sector, causing an effect of -1.09 ppts.

The increase in the “Communications” sector was due to an increase in the category “Telephone and telefax services” (22.7%), which contributed to an effect of 1.59 ppts. The increase in the “Miscellaneous goods and services” sector was mainly due to an increase in the category “Personal care” (5.3%), which contributed to an effect of 0.21 ppts. The increase in the “Housing” sector was mainly due to an increase in the category “Maintenance and repair of the dwelling” (15.0%), which contributed to an effect of 0.78 ppts. The increase in the “Restaurants and hotels” sector was due to an increase of 8.0% in the category “Catering services”, which contributed to an effect of 0.36 ppts. The increase in the “Education” sector was mainly due to increases in the categories “Secondary education” (32.0%) and “Pre-primary and primary education” (42.9%), which contributed to an effect of respectively, 0.14 and 0.10 ppts. The increase in the “Food and non-alcoholic beverages” sector was due to increases of 1.3% and 5.7% in the categories “Food” and “Non-alcoholic beverages”, which contributed to an effect of respectively, 0.13 and 0.08 ppts.

The decrease in the “Transport” sector was mainly due to a decrease in the category “Purchase of vehicles” (-16.5%), which contributed to an effect of -0.82 ppts.

#### Consumption basket

Over the last year 58.8% of the products in the consumption basket had an increase in price, causing an effect of 5.28 ppts, while 35.5% showed a decrease, contributing to an effect of -3.55 ppts and the remaining 5.6% had no change in price. The prices of goods decreased by 1.3% and caused an influence of -0.79 ppts. The prices of services showed an increase of 6.3% and had an influence of 2.53 ppts.

#### Subsistence level

Over the last 12 months, the subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) registered an increase of Afl. 85, from Afl. 5,362 in November 2022 to Afl. 5,447 in November 2023. This increase was mainly due to increases in the “Food and non-alcoholic beverages” (Afl. 40) and “Communications” (Afl. 29) sectors.

#### Change in prices of crude oil, utilities, gasoline and diesel

The average price per barrel of crude oil registered a decrease of US\$ 6.60 (-7.8%) from US\$ 85.08 in November 2022 to US\$ 78.48 in November 2023.

The energy index decreased by 5.6% over the past 12 months and had an influence of -1.03 ppts. The index of “Gasoline” (-7.6%) registered a decrease over the last year, contributing with an effect of -0.40 ppts, while the index of “Diesel” (-13.0%) also registered a decrease over the last year and contributed with an effect of -0.06 ppts on the yearly CPI. The index of “Electricity” (-6.8%) registered a decrease over the last year, contributing with an effect of -0.57 ppts, while the index of “Water” did not register any change over this period. The remaining 404 goods and services, as a group, show an increase of 3.4% and had an effect of 2.76 ppts on the CPI.

#### Change in prices of Food & catering services

Over the last 12 months, the “Food & catering services” increased by 3.6%. The “Food at home” index showed an increase of 1.8%, where five (5) of the “Food at home” food groups increased over the period.

The “Sugar, jam, honey and other confectionery” index increased by 13.9%, the largest increase among the “Food at home” food groups. Furthermore, other increases were posted in the indices for “Food products n.e.c.” (11.4%), “Bread and cereals” (6.8%), “Non-alcoholic beverages” (5.4%) and “Milk, cheese and eggs” (2.3%). The largest decrease was registered in the index for “Potatoes and other tubers” (-5.3%) in November 2023.

The index for “Food away from home” increased by 8.0% over the last 12 months.

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for November 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2022 Nov	2022 Dec	2023 Oct	2023 Nov	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 22 - Nov 23 12 months	Period average Nov 21/22 - Nov 22/23 24 months
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>113.59</b>	<b>114.32</b>	<b>115.68</b>	<b>115.65</b>	<b>0.0</b>	<b>1.2</b>	<b>1.8</b>	<b>7.6</b>
Food	964.1	113.56	114.32	115.31	115.04	-0.2	0.6	1.3	7.4
Non-alcoholic beverages	123.6	113.83	114.36	118.63	120.35	1.4	5.2	5.7	9.1
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>106.40</b>	<b>106.28</b>	<b>110.52</b>	<b>110.54</b>	<b>0.0</b>	<b>4.0</b>	<b>3.9</b>	<b>4.9</b>
Alcoholic beverages for consumption at home	62.2	105.83	105.75	108.81	108.87	0.1	2.9	2.9	4.4
Tobacco	16.0	108.62	108.32	117.14	117.02	-0.1	8.0	7.7	6.8
<b>Clothing and footwear</b>	<b>276.8</b>	<b>93.34</b>	<b>95.40</b>	<b>85.98</b>	<b>90.66</b>	<b>5.4</b>	<b>-5.0</b>	<b>-2.9</b>	<b>-5.2</b>
Clothing	212.8	96.20	98.09	86.14	92.63	7.5	-5.6	-3.7	-6.7
Footwear	64.0	83.80	86.46	85.46	84.10	-1.6	-2.7	0.4	0.2
<b>Housing</b>	<b>2,522.2</b>	<b>110.22</b>	<b>110.31</b>	<b>111.24</b>	<b>111.72</b>	<b>0.4</b>	<b>1.3</b>	<b>1.4</b>	<b>7.7</b>
Actual rentals for housing	666.7	105.21	105.34	106.66	106.79	0.1	1.4	1.5	1.5
Imputed rentals for housing	34.4	94.59	94.59	94.59	94.59	0.0	0.0	0.0	-0.1
Maintenance and repair of the dwelling	517.0	106.25	106.52	120.07	122.22	1.8	14.7	15.0	8.2
Water supply and miscellaneous services relating to the dwelling	463.6	120.59	120.59	121.83	121.83	0.0	1.0	1.0	12.2
Electricity, gas and other fuels	840.4	111.55	111.55	104.30	104.30	0.0	-6.5	-6.5	10.2
<b>Household operation</b>	<b>929.2</b>	<b>102.48</b>	<b>99.17</b>	<b>104.75</b>	<b>103.53</b>	<b>-1.2</b>	<b>4.4</b>	<b>1.0</b>	<b>3.1</b>
Furniture, furnishings, carpets and other floor coverings	128.8	83.06	81.61	84.60	83.05	-1.8	1.8	0.0	4.2
Household textiles	58.6	80.54	75.62	73.48	74.42	1.3	-1.6	-7.6	-4.9
Household appliances	246.0	109.68	99.86	107.79	102.82	-4.6	3.0	-6.3	0.2
Glassware, tableware and household utensils	17.2	73.13	78.74	59.86	60.10	0.4	-23.7	-17.8	-13.5
Tools and equipment for house and garden	58.2	136.50	130.46	145.88	149.43	2.4	14.5	9.5	6.3
Goods and services for routine household maintenance and cleaning	420.5	103.78	103.93	109.65	109.71	0.1	5.6	5.7	5.3
<b>Health</b>	<b>223.1</b>	<b>99.51</b>	<b>99.92</b>	<b>101.40</b>	<b>101.81</b>	<b>0.4</b>	<b>1.9</b>	<b>2.3</b>	<b>3.8</b>
Medical products, appliances and equipment	152.3	97.76	97.77	99.22	98.65	-0.6	0.9	0.9	3.2
Out-patient services	52.4	104.62	105.35	107.41	108.02	0.6	2.5	3.3	5.5
Other treatments	7.8	98.94	99.18	100.14	100.71	0.6	1.5	1.8	3.5
Health products and services n.e.c.	10.5	99.74	104.45	103.88	117.36	13.0	12.4	17.7	3.3
<b>Transport</b>	<b>1,257.4</b>	<b>119.70</b>	<b>117.02</b>	<b>116.52</b>	<b>110.48</b>	<b>-5.2</b>	<b>-5.6</b>	<b>-7.7</b>	<b>-0.2</b>
Purchase of vehicles	442.6	120.02	119.92	102.60	100.24	-2.3	-16.4	-16.5	2.7
Operation of personal transport equipment	763.3	121.02	116.38	126.63	118.37	-6.5	1.7	-2.2	-1.0
Transport services	51.5	97.33	101.58	86.42	81.66	-5.5	-19.6	-16.1	-14.7
<b>Communications</b>	<b>849.6</b>	<b>91.55</b>	<b>91.24</b>	<b>104.60</b>	<b>110.87</b>	<b>6.0</b>	<b>21.5</b>	<b>21.1</b>	<b>0.8</b>
Telephone and telefax equipment	43.8	77.62	71.55	64.14	66.28	3.3	-7.4	-14.6	-2.1
Telephone and telefax services	805.8	92.31	92.31	106.80	113.30	6.1	22.7	22.7	0.9
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>99.46</b>	<b>101.62</b>	<b>93.89</b>	<b>95.92</b>	<b>2.2</b>	<b>-5.6</b>	<b>-3.6</b>	<b>-1.7</b>
Audio-visual, photographic and information processing equipment	58.5	86.76	90.91	73.47	72.44	-1.4	-20.3	-16.5	-19.2
Other major durables for recreation and culture	20.0	94.85	85.51	84.59	84.82	0.3	-0.8	-10.6	-7.5
Other recreational items and equipment; gardens and pets	266.6	108.60	109.89	107.97	110.06	1.9	0.1	1.3	5.2
Recreational and cultural services	309.1	102.01	102.19	101.65	101.72	0.1	-0.5	-0.3	0.3
Newspapers, books and stationery	43.7	85.29	85.10	95.10	92.78	-2.4	9.0	8.8	7.9
Holidays	315.4	93.83	99.36	78.59	83.78	6.6	-15.7	-10.7	-7.6
<b>Education</b>	<b>98.0</b>	<b>104.79</b>	<b>104.79</b>	<b>131.23</b>	<b>131.23</b>	<b>0.0</b>	<b>25.2</b>	<b>25.2</b>	<b>8.1</b>
Pre primary and primary education	24.0	100.00	100.00	142.86	142.86	0.0	42.9	42.9	14.3
Secondary education	43.4	110.44	110.44	145.73	145.73	0.0	32.0	32.0	9.7
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	120.00	120.00	0.0	12.5	12.5	11.5
<b>Restaurants and hotels</b>	<b>442.0</b>	<b>110.34</b>	<b>113.51</b>	<b>118.12</b>	<b>118.76</b>	<b>0.5</b>	<b>4.6</b>	<b>7.6</b>	<b>7.9</b>
Catering services	429.8	111.75	113.82	120.10	120.72	0.5	6.1	8.0	7.8
Accommodation services	12.2	60.67	102.82	48.25	49.59	2.8	-51.8	-18.3	11.7
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>101.13</b>	<b>101.36</b>	<b>103.91</b>	<b>104.29</b>	<b>0.4</b>	<b>2.9</b>	<b>3.1</b>	<b>2.6</b>
Personal care	427.1	99.18	99.67	103.80	104.41	0.6	4.8	5.3	4.4
Personal effects n.e.c.	106.6	95.90	96.61	103.16	104.45	1.3	8.1	8.9	6.8
Social protection	78.2	126.67	126.67	133.33	133.33	0.0	5.3	5.3	4.8
Insurance	610.7	100.14	100.14	100.36	100.46	0.1	0.3	0.3	0.2
<b>CPI</b>	<b>10,000.0</b>	<b>106.49</b>	<b>106.37</b>	<b>108.14</b>	<b>108.34</b>	<b>0.2</b>	<b>1.8</b>	<b>1.7</b>	<b>3.7</b>

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 November 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 22 - Nov 23 12 months	Period average Nov 21/22 - Nov 22/23 24 months
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>0.00</b>	<b>0.14</b>	<b>0.21</b>	<b>0.85</b>
Food	964.1	-0.02	0.07	0.13	0.73
Non-alcoholic beverages	123.6	0.02	0.07	0.08	0.12
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>0.00</b>	<b>0.03</b>	<b>0.03</b>	<b>0.04</b>
Alcoholic beverages for consumption at home	62.2	0.00	0.02	0.02	0.03
Tobacco	16.0	0.00	0.01	0.01	0.01
<b>Clothing and footwear</b>	<b>276.8</b>	<b>0.12</b>	<b>-0.12</b>	<b>-0.07</b>	<b>-0.13</b>
Clothing	212.8	0.13	-0.11	-0.07	-0.13
Footwear	64.0	-0.01	-0.01	0.00	0.00
<b>Housing</b>	<b>2,522.2</b>	<b>0.11</b>	<b>0.34</b>	<b>0.36</b>	<b>1.92</b>
Actual rentals for housing	666.7	0.01	0.09	0.10	0.10
Imputed rentals for housing	34.4	0.00	0.00	0.00	0.00
Maintenance and repair of the dwelling	517.0	0.10	0.76	0.78	0.42
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.05	0.05	0.59
Electricity, gas and other fuels	840.4	0.00	-0.57	-0.57	0.81
<b>Household operation</b>	<b>929.2</b>	<b>-0.10</b>	<b>0.38</b>	<b>0.09</b>	<b>0.28</b>
Furniture, furnishings, carpets and other floor coverings	128.8	-0.02	0.02	0.00	0.04
Household textiles	58.6	0.01	-0.01	-0.03	-0.02
Household appliances	246.0	-0.11	0.07	-0.16	0.00
Glassware, tableware and household utensils	17.2	0.00	-0.03	-0.02	-0.02
Tools and equipment for house and garden	58.2	0.02	0.10	0.07	0.05
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.23	0.23	0.22
<b>Health</b>	<b>223.1</b>	<b>0.01</b>	<b>0.04</b>	<b>0.05</b>	<b>0.08</b>
Medical products, appliances and equipment	152.3	-0.01	0.01	0.01	0.04
Out-patient services	52.4	0.00	0.01	0.02	0.03
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.01	0.01	0.02	0.00
<b>Transport</b>	<b>1,257.4</b>	<b>-0.70</b>	<b>-0.77</b>	<b>-1.09</b>	<b>-0.03</b>
Purchase of vehicles	442.6	-0.10	-0.82	-0.82	0.13
Operation of personal transport equipment	763.3	-0.58	0.14	-0.19	-0.09
Transport services	51.5	-0.02	-0.10	-0.08	-0.07
<b>Communications</b>	<b>849.6</b>	<b>0.49</b>	<b>1.57</b>	<b>1.54</b>	<b>0.06</b>
Telephone and telefax equipment	43.8	0.01	-0.02	-0.05	-0.01
Telephone and telefax services	805.8	0.48	1.59	1.59	0.07
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>0.19</b>	<b>-0.54</b>	<b>-0.34</b>	<b>-0.16</b>
Audio-visual, photographic and information processing equipment	58.5	-0.01	-0.10	-0.08	-0.11
Other major durables for recreation and culture	20.0	0.00	0.00	-0.02	-0.01
Other recreational items and equipment; gardens and pets	266.6	0.05	0.00	0.04	0.14
Recreational and cultural services	309.1	0.00	-0.01	-0.01	0.01
Newspapers, books and stationery	43.7	-0.01	0.03	0.03	0.03
Holidays	315.4	0.15	-0.46	-0.30	-0.21
<b>Education</b>	<b>98.0</b>	<b>0.00</b>	<b>0.24</b>	<b>0.24</b>	<b>0.08</b>
Pre primary and primary education	24.0	0.00	0.10	0.10	0.03
Secondary education	43.4	0.00	0.14	0.14	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
<b>Restaurants and hotels</b>	<b>442.0</b>	<b>0.03</b>	<b>0.22</b>	<b>0.35</b>	<b>0.36</b>
Catering services	429.8	0.02	0.28	0.36	0.35
Accommodation services	12.2	0.00	-0.06	-0.01	0.01
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>0.04</b>	<b>0.34</b>	<b>0.36</b>	<b>0.30</b>
Personal care	427.1	0.02	0.19	0.21	0.18
Personal effects n.e.c.	106.6	0.01	0.08	0.09	0.07
Social protection	78.2	0.00	0.05	0.05	0.05
Insurance	610.7	0.01	0.02	0.02	0.01
<b>CPI</b>	<b>10,000.0</b>	<b>0.18</b>	<b>1.85</b>	<b>1.74</b>	<b>3.65</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 3

Monthly & Yearly Changes (%) and effect in the Food & catering services for November 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Oct - Nov	End of period Nov 22 - Nov 23 12 months	Monthly Oct - Nov	End of period Nov 22 - Nov 23 12 months
<b>Food &amp; catering services</b>	<b>1,517.5</b>	<b>0.1</b>	<b>3.6</b>	<b>0.021</b>	<b>0.572</b>
<b>Food at home</b>	<b>1,087.7</b>	<b>0.0</b>	<b>1.8</b>	<b>-0.004</b>	<b>0.210</b>
<b>Bread and cereals</b>	<b>178.1</b>	<b>0.0</b>	<b>6.8</b>	<b>-0.001</b>	<b>0.128</b>
Rice	23.5	-0.3	13.0	-0.001	0.035
Bread	72.1	0.0	3.5	0.000	0.028
Pasta products	9.2	-0.1	9.7	0.000	0.010
Other cereals and cereal products	73.3	0.1	7.8	0.001	0.055
<b>Meat</b>	<b>242.5</b>	<b>-0.4</b>	<b>-3.1</b>	<b>-0.010</b>	<b>-0.085</b>
Bovine	67.3	-0.4	-1.7	-0.003	-0.013
Swine	25.5	0.1	-4.0	0.000	-0.012
Poultry	75.7	0.2	-9.4	0.002	-0.084
Other meat and meat preparations	74.0	-1.1	3.0	-0.009	0.024
<b>Fish and other seafood</b>	<b>49.0</b>	<b>-1.7</b>	<b>-2.5</b>	<b>-0.009</b>	<b>-0.013</b>
Fish and seafood preparations	49.0	-1.7	-2.5	-0.009	-0.013
<b>Milk, cheese and eggs</b>	<b>135.3</b>	<b>-0.1</b>	<b>2.3</b>	<b>-0.001</b>	<b>0.036</b>
Cheese	55.4	-0.2	5.0	-0.001	0.029
Eggs	16.6	0.1	-25.8	0.000	-0.076
Milk	40.0	-0.2	16.6	-0.001	0.066
Other milk products	23.3	0.3	6.8	0.001	0.017
<b>Oils and fats</b>	<b>32.2</b>	<b>0.1</b>	<b>-2.2</b>	<b>0.000</b>	<b>-0.009</b>
Corn oil	2.8	-0.5	-3.9	0.000	-0.002
Butter and margarine	9.2	-0.4	-13.7	0.000	-0.015
Other oils and fats	20.1	0.4	3.3	0.001	0.008
<b>Fruit</b>	<b>97.6</b>	<b>0.3</b>	<b>-3.2</b>	<b>0.003</b>	<b>-0.031</b>
Oranges	9.4	-3.2	-21.1	-0.004	-0.030
Bananas and plantains	19.9	0.1	-1.9	0.000	-0.003
Apples	9.3	1.8	-8.2	0.002	-0.009
Avocado	5.0	-0.7	-11.6	0.000	-0.005
Grapes	9.2	4.3	18.6	0.004	0.017
Nuts	11.9	0.4	4.7	0.000	0.005
Lemons and mandarins	6.0	0.7	-12.6	0.000	-0.006
Cherries and strawberries	8.8	7.2	5.0	0.008	0.006
Melons and watermelons	7.7	-3.1	-5.8	-0.002	-0.004
Papayas and pineapples	6.9	-9.6	-1.7	-0.006	-0.001
Other fruits and fruit products	3.5	0.3	-4.5	0.000	-0.002
<b>Potatoes and other tubers</b>	<b>18.2</b>	<b>-3.3</b>	<b>-5.3</b>	<b>-0.005</b>	<b>-0.009</b>
Potatoes	12.2	-5.6	-12.1	-0.005	-0.012
Other tubers	2.0	-0.2	3.9	0.000	0.001
Sweet potatoes and yucca	4.0	-0.1	6.2	0.000	0.002
<b>Vegetables</b>	<b>89.1</b>	<b>-0.8</b>	<b>-4.5</b>	<b>-0.006</b>	<b>-0.038</b>
Lettuce	6.8	-0.1	-59.5	0.000	-0.038
Tomatoes	9.7	-0.5	-12.8	0.000	-0.014
Onions and garlic	18.7	-1.9	9.2	-0.003	0.014
Celery and broccoli	15.3	-4.2	-13.4	-0.005	-0.018
Other vegetables	15.3	3.0	-6.3	0.004	-0.009
Other preserved or processed vegetables	8.4	-0.6	7.8	-0.001	0.007
Frozen vegetable mixtures	14.8	-0.4	15.0	-0.001	0.020
<b>Sugar, jam, honey and other confectionery</b>	<b>42.0</b>	<b>0.3</b>	<b>13.9</b>	<b>0.001</b>	<b>0.061</b>
Sugar	12.1	0.2	24.5	0.000	0.033
Jams and jellies	2.5	1.2	2.3	0.000	0.001
Other confectionery products	27.5	0.3	9.7	0.001	0.027
<b>Food products n.e.c.</b>	<b>80.1</b>	<b>0.4</b>	<b>11.4</b>	<b>0.003</b>	<b>0.093</b>
Other food products	80.1	0.4	11.4	0.003	0.093
<b>Non-alcoholic beverages</b>	<b>123.6</b>	<b>1.4</b>	<b>5.7</b>	<b>0.020</b>	<b>0.076</b>
Coffee and tea	20.9	2.8	14.8	0.007	0.031
Other non-alcoholic beverages	14.6	2.9	8.4	0.004	0.012
Soft and sports drinks	31.0	1.3	5.0	0.005	0.017
Fruit juices	57.1	0.7	2.4	0.004	0.015
<b>Food away from home</b>	<b>429.8</b>	<b>0.5</b>	<b>8.0</b>	<b>0.025</b>	<b>0.362</b>
Food and beverage consumption away from home	429.8	0.5	8.0	0.025	0.362
<b>Other goods and services</b>	<b>8,482.5</b>	<b>0.2</b>	<b>1.4</b>	<b>0.160</b>	<b>1.167</b>
Other goods	4,735.8	-0.2	-2.1	-0.114	-0.996
Other services	3,746.7	0.7	6.1	0.274	2.163
<b>CPI</b>	<b>10,000</b>	<b>0.2</b>	<b>1.7</b>	<b>0.181</b>	<b>1.739</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 4

Overview of the Consumer Price Index (CPI), 2022 - 2023 (Jun 2019 = 100)

	Base				YEAR: 2023				YEAR: 2022			
	Base	Base	Base	Base	CHANGE				CHANGE			
	Jun-19	Jun-19	Jun-19	Jun-19	Monthly	Year-to	Yearly	Period	Monthly	Year-to	Yearly	Period
=100.0	=100.0	=100.0	=100.0		date	12 months	24 months		date	12 months	24 months	
	<u>Jan.'22</u>	<u>Dec.'21</u>	<u>Jan.'23</u>	<u>Dec.'22</u>								
<u>Total Population</u>	100.07	100.60	106.69	106.37	0.3	0.3	6.6	5.8	-0.5	-0.5	3.3	1.2
Low Income	99.81	100.16	106.78	106.44	0.3	0.3	7.0		-0.3	-0.3	3.1	
High Income	100.17	100.80	106.63	106.32	0.3	0.3	6.4		-0.6	-0.6	3.4	
	<u>Feb.'22</u>	<u>Jan.'22</u>	<u>Feb.'23</u>	<u>Jan.'23</u>								
<u>Total Population</u>	100.44	100.07	107.59	106.69	0.8	1.1	7.1	6.1	0.4	-0.2	3.5	1.7
Low Income	100.27	99.81	107.69	106.78	0.9	1.2	7.4		0.5	0.1	3.5	
High Income	100.49	100.17	107.52	106.63	0.8	1.1	7.0		0.3	-0.3	3.6	
	<u>Mar.'22</u>	<u>Feb.'22</u>	<u>Mar.'23</u>	<u>Feb.'23</u>								
<u>Total Population</u>	101.47	100.44	107.47	107.59	-0.1	1.0	5.9	6.2	1.0	0.9	4.0	2.1
Low Income	101.03	100.27	107.46	107.69	-0.2	1.0	6.4		0.8	0.9	3.6	
High Income	101.66	100.49	107.45	107.52	-0.1	1.1	5.7		1.2	0.9	4.1	
	<u>Apr.'22</u>	<u>Mar.'22</u>	<u>Apr.'23</u>	<u>Mar.'23</u>								
<u>Total Population</u>	102.16	101.47	107.12	107.47	-0.3	0.7	4.9	6.3	0.7	1.5	4.7	2.6
Low Income	101.62	101.03	107.31	107.46	-0.1	0.8	5.6		0.6	1.5	4.2	
High Income	102.39	101.66	107.00	107.45	-0.4	0.6	4.5		0.7	1.6	4.9	
	<u>May'22</u>	<u>Apr.'22</u>	<u>May'23</u>	<u>Apr.'23</u>								
<u>Total Population</u>	102.49	102.16	106.60	107.12	-0.5	0.2	4.0	6.1	0.3	1.9	5.2	3.0
Low Income	102.08	101.62	106.77	107.31	-0.5	0.3	4.6		0.5	1.9	4.9	
High Income	102.66	102.39	106.49	107.00	-0.5	0.2	3.7		0.3	1.8	5.4	
	<u>Jun'22</u>	<u>May'22</u>	<u>Jun'23</u>	<u>May'23</u>								
<u>Total Population</u>	103.26	102.49	106.20	106.60	-0.4	-0.2	2.8	5.9	0.7	2.6	5.3	3.4
Low Income	102.91	102.08	106.33	106.77	-0.4	-0.1	3.3		0.8	2.7	5.1	
High Income	103.40	102.66	106.10	106.49	-0.4	-0.2	2.6		0.7	2.6	5.4	
	<u>Jul'22</u>	<u>Jun'22</u>	<u>Jul'23</u>	<u>Jun'23</u>								
<u>Total Population</u>	104.46	103.26	106.20	106.20	0.0	-0.2	1.7	5.6	1.2	3.8	6.0	3.7
Low Income	103.79	102.91	107.23	106.33	0.8	0.7	3.3		0.9	3.6	5.6	
High Income	104.76	103.40	105.68	106.10	-0.4	-0.6	0.9		1.3	3.9	6.2	
	<u>Aug.'22</u>	<u>Jul'22</u>	<u>Aug.'23</u>	<u>Jul'23</u>								
<u>Total Population</u>	106.43	104.46	106.94	106.20	0.7	0.5	0.5	4.9	1.9	5.8	7.7	4.3
Low Income	106.46	103.79	107.89	107.23	0.6	1.4	1.3		2.6	6.3	8.0	
High Income	106.41	104.76	106.45	105.68	0.7	0.1	0.0		1.6	5.6	7.6	
	<u>Sep.'22</u>	<u>Aug.'22</u>	<u>Sep.'23</u>	<u>Aug.'23</u>								
<u>Total Population</u>	106.20	106.43	108.00	106.94	1.0	1.5	1.7	4.5	-0.2	5.6	7.0	4.7
Low Income	106.26	106.46	108.83	107.89	0.9	2.2	2.4		-0.2	6.1	7.2	
High Income	106.16	106.41	107.57	106.45	1.1	1.2	1.3		-0.2	5.3	6.9	
	<u>Oct.'22</u>	<u>Sep.'22</u>	<u>Oct.'23</u>	<u>Sep.'23</u>								
<u>Total Population</u>	106.30	106.20	108.14	108.00	0.1	1.7	1.7	4.1	0.1	5.7	7.0	5.1
Low Income	106.28	106.26	108.91	108.83	0.1	2.3	2.5		0.0	6.1	7.2	
High Income	106.29	106.16	107.75	107.57	0.2	1.3	1.4		0.1	5.4	6.9	
	<u>Nov.'22</u>	<u>Oct.'22</u>	<u>Nov.'23</u>	<u>Oct.'23</u>								
<u>Total Population</u>	106.49	106.30	108.34	108.14	0.2	1.8	1.7	3.7	0.2	5.8	6.6	5.3
Low Income	106.57	106.28	109.05	108.91	0.1	2.4	2.3		0.3	6.4	7.1	
High Income	106.43	106.29	107.97	107.75	0.2	1.6	1.4		0.1	5.6	6.3	
	<u>Dec.'22</u>	<u>Nov.'22</u>	<u>Dec.'23</u>	<u>Nov.'23</u>								
<u>Total Population</u>	106.37	106.49							-0.1	5.7	5.7	5.5
Low Income	106.44	106.57							-0.1	6.3	6.3	
High Income	106.32	106.43							-0.1	5.5	5.5	

Source: Central Bureau of Statistics Aruba

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2023

Month	Crude oil <sup>1</sup>	Electricity components					Water <sup>5</sup>	Gasoline <sup>6</sup>	Diesel <sup>6</sup>
		Total energy charge <sup>2</sup>			Fixed charge <sup>3</sup>	Electricity <sup>4</sup>			
		≤ 500 kWh	501 - 1000 kWh	> 1001 kWh					
<b>Average 2001</b>	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	269.10	284.80
December-22	76.80	38.53	39.65	52.16	12.50	294.56	168.73	251.40	261.00
<b>Average 2022</b>	<b>95.16</b>	<b>34.19</b>	<b>35.18</b>	<b>46.29</b>	<b>12.50</b>	<b>262.78</b>	<b>150.17</b>	<b>275.90</b>	<b>263.17</b>
January-23	78.01	38.53	39.65	52.16	12.50	294.56	168.73	243.80	246.60
February-23	76.99	38.53	39.65	52.16	12.50	294.56	168.73	262.50	260.30
March-23	73.51	38.53	39.65	52.16	12.50	294.56	168.73	257.60	234.80
April-23	79.51	38.53	39.65	52.16	12.50	294.56	168.73	262.40	231.50
May-23	71.86	35.80	36.84	48.47	12.50	274.57	168.73	266.70	221.50
June-23	70.12	35.80	36.84	48.47	12.50	274.57	168.73	255.90	209.10
July-23	75.57	35.80	36.84	48.47	12.50	274.57	168.73	256.40	212.50
August-23	81.34	35.80	36.84	48.47	12.50	274.57	168.73	268.80	225.60
September-23	88.11	35.80	36.84	48.47	12.50	274.57	168.73	283.70	251.70
October-23	85.94	35.80	36.84	48.47	12.50	274.57	168.73	277.90	260.80
November-23	78.48	35.80	36.84	48.47	12.50	274.57	168.73	248.60	247.80
December-23									
<b>Average 2023</b>	<b>78.13</b>	<b>36.79</b>	<b>37.86</b>	<b>49.81</b>	<b>12.50</b>	<b>281.84</b>	<b>168.73</b>	<b>262.21</b>	<b>236.56</b>

Source: Central Bureau of Statistics Aruba

<sup>1</sup> Average West Texas Intermediate (WTI) crude oil price per barrel in US\$ (Source: U.S. Energy Information Administration)

<sup>2</sup> Total energy charge in Afl. cents per kWh

<sup>3</sup> Fixed charge was introduced in October 2014 at Afl. 2.50

<sup>4</sup> Electricity price in Afl. is based on an average household usage of 725.5 kWh

<sup>5</sup> Water price in Afl. is based on an average household usage

<sup>6</sup> Gasoline and diesel prices in Afl. cents per liter

APPENDIX 6

