

## Consumer Price Index, base period June 2019

### May 2023

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

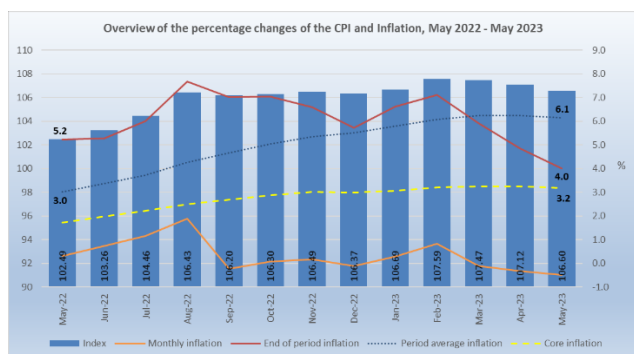


### Consumer Price Index for the month of May 2023

The CPI for May 2023 is 106.60, a decrease of 0.5% compared to the index of April 2023 (107.12).

The percentage change of the CPI over the last twelve (12) months (May 2022 to May 2023) is 4.0, a decrease of 1.2 percentage points (ppts) compared to the percentage change for the same period of last year (5.2%).

The period average (last 24 months) percentage change of the CPI for the periods May 2021 to May 2022 and May 2022 to May 2023 is 6.1%, an increase of 3.1 ppts compared to the period average percentage change over the periods May 2020 to May 2021 and May 2021 to May 2022 (3.0%).



During this month, four (4) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Housing" (-2.4%) and "Household operation" (-2.1%) sectors, which contributed with an effect of -0.62 and -0.19 ppts, respectively. The decreases in the remaining sectors had an effect of -0.07 ppts on the CPI of May 2023.

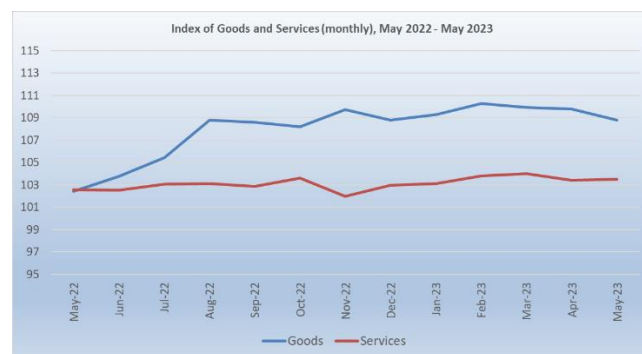
Aforementioned decreases were partially offset mainly by increases in the indices for the "Transport" (1.1%) and "Communications" (1.4%) sectors, which caused an effect of 0.15 and 0.10 ppts, respectively. The increases in the remaining sectors had an effect of 0.14 ppts on the CPI of May 2023.

The decrease in the "Housing" sector was mainly due to a decrease in the category "Electricity, gas and other fuels" (-6.5%), which contributed to an effect of -0.57 ppts. The decrease in the "Household operation" sector was mainly due to a decrease of 14.4% in the category "Tools and equipment for house and garden", which contributed to an effect of -0.12 ppts.

The increase in the "Housing" sector was mainly due to an increase in the category "Operation of personal transport equipment" (0.9%), which contributed to an effect of 0.08 ppts. The increase in the "Communications" sector was due to an increase in the category "Telephone and telefax equipment" (28.6%), which contributed to an effect of 0.10 ppts.

### Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to April 2023, 45.3% of these products had an increase in price, causing an effect of 0.86 ppts, while 36.3% showed a decrease, contributing to an effect of -1.34 ppts and the remaining 18.4% had no change in price. The prices of goods decreased by 0.9% and caused an influence of -0.53 ppts. The prices of services showed an increase of 0.1% and had an influence of 0.04 ppts on the CPI of May 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
May	2023	106.60 ↓	-0.5 ↓	0.2 ↑	4.0 ↑	6.1 ↑	↑ -0.9 ↓	0.1 ↑	3.2 ↑	16.3 ↑	11.7 ↑	2,550 ↓	5,354 ↓
April	2023	107.12 ↓	-0.3 ↓	0.7 ↑	4.9 ↑	6.3 ↑	↑ -0.2 ↓	-0.6 ↓	3.3 ↑	16.5 ↑	11.9 ↑	2,564 ↓	5,384 ↓
May	2022	102.49	0.3	1.9	5.2	3.0	0.8	-0.4	1.7	8.7	4.0	2,403	5,046

## Core inflation

The CPIC\* (core inflation) - CPI excluding the effect of energy and food – was 3.2% in May 2023. The energy index - which consists of the products: electricity, water, gasoline and diesel – was 16.3%. The food index showed an increase of 11.7%.

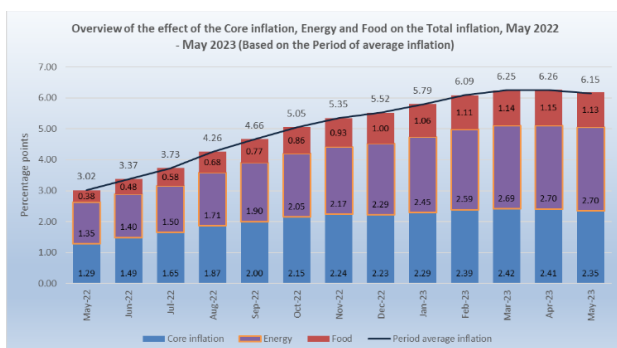
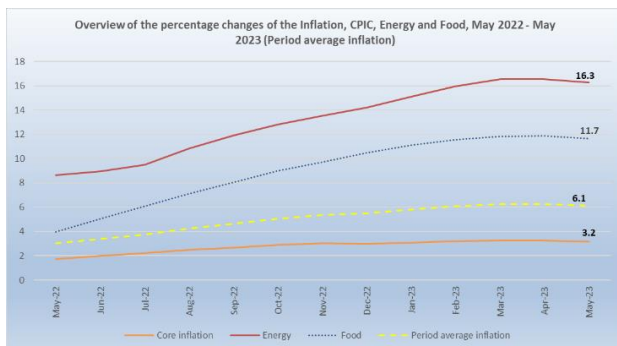
### What is CPIC?

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.

\* All the percentage changes in the CPIC are calculated by comparing the average index for the most recent 12-month period compared with the preceding 12-month period (Period average).

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

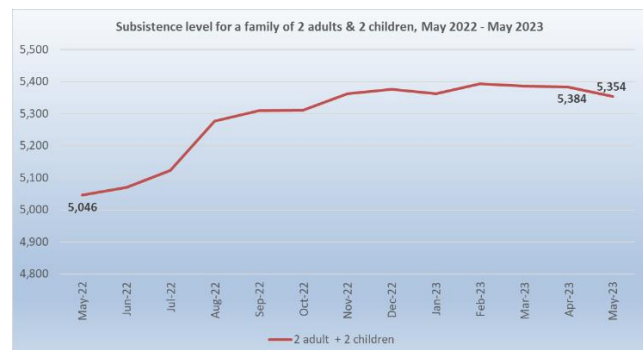
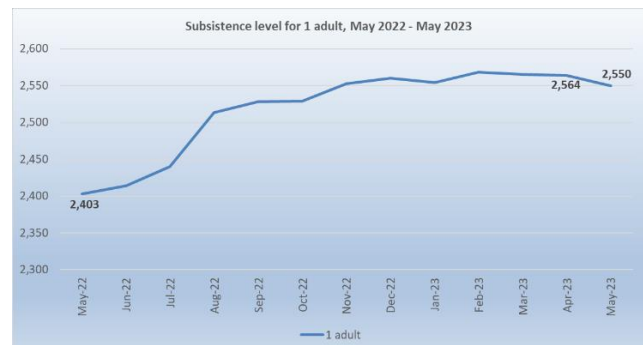
The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in May 2023 is Afl. 5,344, a decrease of Afl. 30 compared to April 2023 (Afl. 5,384). The subsistence level for a single adult household is Afl. 2,550, a decrease of Afl. 14 compared to April 2023 (Afl. 2,564).

### 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 May 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 May 2023 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 5,354) showed an increase of Afl. 308 compared to May 2022 (Afl. 5,046) and was mainly caused by increases of Afl. 168 and Afl. 147 in the sectors "Food and non-alcoholic beverages" and "Housing", respectively.

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	Absolute		
	May-22	May-23	Change
Food and non-alcoholic beverages	2,070	2,238	168
Clothing and footwear	262	245	-17
Housing	1,452	1,599	147
Household operation	110	113	3
Health	81	83	2
Transport	350	353	3
Communications	149	144	-5
Recreation and culture	162	162	0
Education	78	78	0
Miscellaneous goods and services	331	340	9
<b>Total</b>	<b>5,046</b>	<b>5,354</b>	<b>308</b>

Source: Central Bureau of Statistics Aruba

Table 2 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, May 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
May-22	2,403	3,124	3,604	4,325	5,046
Jun-22	2,414	3,139	3,622	4,346	5,070
Jul-22	2,440	3,172	3,660	4,392	5,124
Aug-22	2,513	3,267	3,770	4,524	5,278
Sep-22	2,528	3,287	3,792	4,551	5,309
Oct-22	2,529	3,288	3,793	4,552	5,311
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

Source: Central Bureau of Statistics Aruba

In May 2023, the monthly subsistence level for a single adult household is Afl 2,550, which represents an income deficit of Afl. 657, an increase of Afl. 69 compared to the deficit observed one year ago (Afl. 588). This deficit is the highest registered over a period of six (6) years for the month May.

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

Period	Minimum		Surplus/deficit
	1 adult	wage	
2018	2,170	1,711	-459
2019	2,318	1,762	-556
2020	2,283	1,815	-468
2021	2,263	1,815	-448
2022	2,403	1,815	-588
2023	2,550	1,893	-657

Source: Central Bureau of Statistics Aruba

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

	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
<b>Index CPI</b>													
<i>CPI (Monthly)</i>	102.49	103.26	104.46	106.43	106.20	106.30	106.49	106.37	106.69	107.59	107.47	107.12	106.60
<i>CPI (12-month average)</i>	100.09	100.52	101.02	101.65	102.23	102.81	103.36	103.84	104.40	104.99	105.49	105.91	106.25
<b>Percentage changes</b>													
<i>Monthly</i>	0.3	0.7	1.2	1.9	-0.2	0.1	0.2	-0.1	0.3	0.8	-0.1	-0.3	-0.5
<i>Year-to-date</i>	1.9	2.6	3.8	5.8	5.6	5.7	5.8	5.7	0.3	1.1	1.0	0.7	0.2
<i>End of period</i>	5.2	5.3	6.0	7.7	7.0	7.0	6.6	5.7	6.6	7.1	5.9	4.9	4.0
<i>Period average</i>	3.0	3.4	3.7	4.3	4.7	5.1	5.3	5.5	5.8	6.1	6.2	6.3	6.1
<b>Index Goods</b>													
<i>Goods (Monthly)</i>	102.44	103.77	105.46	108.79	108.58	108.22	109.72	108.82	109.27	110.31	109.96	109.78	108.82
<i>Goods (12-month average)</i>	98.95	99.57	100.27	101.22	102.08	102.97	103.92	104.69	105.55	106.48	107.24	107.93	108.46
<b>Percentage changes</b>													
<i>Monthly</i>	0.8	1.3	1.6	3.2	-0.2	-0.3	1.4	-0.8	0.4	0.9	-0.3	-0.2	-0.9
<i>Year-to-date</i>	2.9	4.2	5.9	9.2	9.0	8.7	10.2	9.3	0.4	1.4	1.0	0.9	0.0
<i>End of period</i>	7.1	7.8	8.7	11.7	10.5	10.9	11.7	9.3	10.3	11.3	9.1	8.1	6.2
<i>Period average</i>	4.0	4.5	5.0	5.8	6.4	7.1	7.8	8.1	8.6	9.2	9.5	9.7	9.6
<b>Index Services</b>													
<i>Services (Monthly)</i>	102.56	102.55	103.06	103.14	102.88	103.61	101.97	102.96	103.09	103.80	104.00	103.40	103.51
<i>Services (12-month average)</i>	101.70	101.86	102.06	102.26	102.44	102.60	102.58	102.66	102.79	102.92	103.05	103.09	103.17
<b>Percentage changes</b>													
<i>Monthly</i>	-0.4	0.0	0.5	0.1	-0.3	0.7	-1.6	1.0	0.1	0.7	0.2	-0.6	0.1
<i>Year-to-date</i>	0.5	0.5	1.0	1.1	0.9	1.6	0.0	0.9	0.1	0.8	1.0	0.4	0.5
<i>End of period</i>	2.8	1.9	2.4	2.3	2.3	1.9	-0.2	0.9	1.6	1.5	1.5	0.4	0.9
<i>Period average</i>	1.7	1.9	2.1	2.2	2.3	2.3	2.1	2.0	2.0	2.0	1.8	1.6	1.4
<b>Indices CPIC, Energy &amp; Food</b>													
<i>CPIC (12-month average)</i>	100.02	100.24	100.52	100.82	101.09	101.40	101.65	101.83	102.11	102.45	102.73	102.98	103.20
<i>Energy (12-month average)</i>	100.22	101.31	102.51	104.45	106.16	107.70	109.28	110.74	112.20	113.69	114.93	115.88	116.55
<i>Food (12-month average)</i>	100.42	101.35	102.28	103.31	104.33	105.39	106.47	107.61	108.68	109.69	110.63	111.44	112.14
<b>Percentage changes</b>													
<i>CPIC (Period average)</i>	1.7	2.0	2.2	2.5	2.7	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.2
<i>Energy (Period average)</i>	8.7	9.0	9.5	10.8	11.9	12.8	13.5	14.2	15.1	16.0	16.5	16.5	16.3
<i>Food (Period average)</i>	4.0	5.1	6.1	7.1	8.0	9.0	9.7	10.5	11.1	11.6	11.9	11.9	11.7
<b>Subsistence level (Monthly)</b>													
<i>1 adult</i>	2,403	2,414	2,440	2,513	2,528	2,529	2,553	2,560	2,554	2,568	2,565	2,564	2,550
<i>2 adults + 2 children</i>	5,046	5,070	5,124	5,278	5,309	5,311	5,362	5,376	5,363	5,393	5,386	5,384	5,354
<b>Changes in Afl</b>													
<i>1 adult (Monthly)</i>	21	11	26	73	15	1	24	7	-6	14	-3	-1	-14
<i>1 adult (Yearly)</i>	140	143	147	219	224	218	222	223	211	220	193	182	147
<i>2 adults + 2 children (Monthly)</i>	43	24	54	154	31	2	51	14	-13	30	-7	-2	-30
<i>2 adults + 2 children (Yearly)</i>	294	300	309	461	470	457	466	469	443	462	406	381	308

Source: Central Bureau of Statistics Aruba

**Table 5 Percentage change by sector**

Sector	Weight coefficient	Effect Apr - May	Percentage changes			
			Monthly Apr - May	Year-to-date Dec - May	End of period May 22 - May 23	Period average May 21/22 - May 22/23
<b>CPI</b>	<b>10,000.0</b>	<b>-0.48</b>	<b>-0.5</b>	<b>0.2</b>	<b>4.0</b>	<b>6.1</b>
01. Food and non-alcoholic beverages	1,087.7	0.02	0.2	0.2	8.1	11.5
02. Alcoholic beverages and tobacco	78.2	0.00	0.1	3.5	5.3	5.0
03. Clothing and footwear	276.8	-0.02	-0.8	-5.9	-6.5	-1.3
04. Housing	2,522.2	-0.62	-2.4	-1.9	10.1	9.7
05. Household operation	929.2	-0.19	-2.1	2.2	3.0	5.2
06. Health	223.1	0.09	4.2	1.2	2.3	3.4
07. Transport	1,257.4	0.15	1.1	3.5	0.8	12.0
08. Communications	849.6	0.10	1.4	3.4	-3.6	-4.2
09. Recreation and culture	1,013.3	-0.05	-0.6	-4.7	0.0	1.1
10. Education	98.0	0.00	0.0	0.3	0.3	0.9
11. Restaurants and hotels	442.0	0.00	0.0	1.8	6.9	7.0
12. Miscellaneous goods and services	1,222.6	0.03	0.3	1.8	2.7	1.9

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Telephone and telefax equipment</i>	28.6	0.10
<i>Operation of personal transport equipment</i>	0.9	0.08
<i>Medical products, appliances and equipment</i>	5.1	0.07
<i>Transport services</i>	14.6	0.05

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Electricity, gas and other fuels</i>	-6.5	-0.57
<i>Tools and equipment for house and garden</i>	-14.4	-0.12
<i>Furniture, furnishings, carpets and other floor coverings</i>	-5.6	-0.06
<i>Maintenance and repair of the dwelling</i>	-1.1	-0.05

Source: Central Bureau of Statistics Aruba



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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In May 2023 the average price per barrel of crude oil (US\$ 71.86) had a decrease of US\$ 7.65 (-9.6%) compared to April 2023 (US\$ 79.51).

The total energy charge per kWh for the usage of electricity up to 500 kWh decreased by Afl. 2.73 cents per kWh from Afl. 38.53 cents per kWh in April 2023 to Afl. 35.80 cents per kWh in May 2023. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh decreased by Afl. 2.81 cents per kWh from Afl. 39.65 cents per kWh in April 2023 to Afl. 36.84 cents per kWh in May 2023. The flat rate remained at Afl. 12.50. Subsequently, the average electricity price per household decreased from Afl. 294.56 to Afl. 274.57 (-6.8%) causing an effect of -0.57 ppts on the CPI, while the average price of water per household remained at Afl. 168.73. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh decreased by Afl. 3.69 cents per kWh from Afl. 52.16 cents per kWh in April 2023 to Afl. 48.47 cents per kWh in May 2023.

May 2023 the price of gasoline registered an increase of Afl. 4.30 cents (1.6%) and had an effect of 0.08 ppts on the CPI. The price of diesel registered a decrease of Afl. 10.00 cents (-4.3%) and had an effect of -0.02 ppt on the CPI of May 2023.

In May 2023, utilities, gasoline and diesel as a group, showed a decrease in price of 2.8% compared to April 2023, and had an influence of -0.50 ppts on the CPI, while the remaining 404 goods and services, as a group, show a slight increase of 0.02% and had an effect of 0.02 ppts on the CPI.

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

Category	Weight	Monthly change	Effect
Electricity	810.2	-6.8	-0.57
Gasoline	430.5	1.6	0.08
Water	367.3	0.0	0.00
Diesel	30.2	-4.3	-0.02
Total group	1,638.1	-2.8	-0.50
Remaining goods and services	8,361.9	0.02	0.02
CPI	10,000.0	-0.5	-0.48

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							
July	103.21	31.09	31.99	240.09	137.05	335.70	312.70							
August	93.74	38.53	39.65	294.56	167.75	293.20	278.50							
September	85.37	38.53	39.65	294.56	168.73	268.00	269.90							
October	87.61	38.53	39.65	294.56	168.73	254.90	259.40							
November	85.08	38.53	39.65	294.56	168.73	269.10	284.80							
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>75.98</b>	<b>37.98</b>	<b>39.09</b>	<b>290.56</b>	<b>168.73</b>	<b>258.60</b>	<b>238.94</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 May 2023

The “Food & catering services” index showed an increase of 0.1% in May 2023, after an increase of 0.6% in April 2023. The index for “Food at home” showed an increase of 0.2% in May, as seven (7) of the eleven (11) “Food at home” indices increased in May 2023. The “Fruit” index registered the largest increase (2.4%) in May 2023. Furthermore, other significant increases were posted in the indices for “Vegetables” (1.6%), “Food products n.e.c.” (1.2%) and “Non-alcoholic beverages” (1.0%). The largest decrease was registered in the index for “Potatoes and other tubers” (-3.7%) in May 2023.

The index for “Food away from home” was unchanged in May 2023 after an increase of 1.2% in April 2023.

In May 2023, “Food at home” and “Food away from home” as a group showed an increase in price of 0.1% compared to April 2023, and had an effect of 0.02 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.6%, causing an effect of -0.51 ppts on the CPI.

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

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,087.7	0.2	0.02
<i>Food away from home</i>	429.8	0.0	0.00
<b>Total group</b>	<b>1,517.5</b>	<b>0.1</b>	<b>0.02</b>
<i>Remaining goods and services</i>	8,482.5	-0.6	-0.51
<b>CPI</b>	<b>10,000.0</b>	<b>-0.5</b>	<b>-0.48</b>

Source: Central Bureau of Statistics Aruba

Table 10 Percentage change for Food & catering services

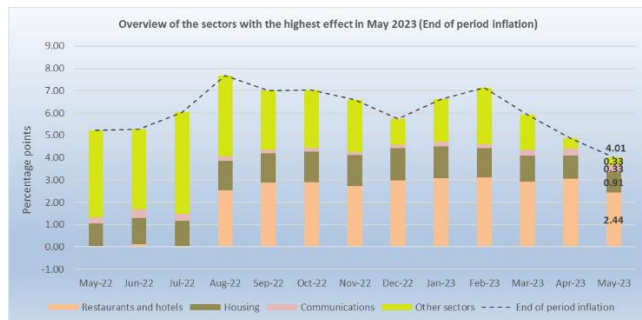
	Weight coefficient	Indices			Percentage changes			Effect	
		May-22	Apr-23	May-23	Monthly Mar - Apr	Monthly Apr - May	End of period May 22 - May 23	Monthly Apr - May	End of period May 22 - May 23
<b>Food &amp; catering services</b>	<b>1,517.5</b>	<b>106.84</b>	<b>114.18</b>	<b>115.40</b>	<b>0.6</b>	<b>0.1</b>	<b>8.0</b>	<b>0.024</b>	<b>1.268</b>
<b>Food at home</b>	<b>1,087.7</b>	<b>106.02</b>	<b>114.32</b>	<b>114.59</b>	<b>0.4</b>	<b>0.2</b>	<b>8.1</b>	<b>0.024</b>	<b>0.909</b>
<i>Bread and cereals</i>	178.1	105.42	114.84	117.75	0.3	0.7	11.7	0.014	0.214
<i>Meat</i>	242.5	110.38	119.82	117.82	0.0	-0.4	6.7	-0.011	0.176
<i>Fish and other seafood</i>	49.0	109.29	114.85	112.21	1.2	-0.5	2.7	-0.002	0.014
<i>Milk, cheese and eggs</i>	135.3	113.79	120.69	122.43	0.3	-1.9	7.6	-0.030	0.114
<i>Oils and fats</i>	32.2	115.54	127.09	125.47	-0.3	0.1	8.6	0.001	0.031
<i>Fruit</i>	97.6	102.34	108.41	105.28	-0.8	2.4	2.9	0.022	0.028
<i>Potatoes and other tubers</i>	18.2	80.88	92.41	81.80	-1.0	-3.7	1.1	-0.005	0.002
<i>Vegetables</i>	89.1	87.29	99.60	95.05	0.9	1.6	8.9	0.012	0.067
<i>Sugar, jam, honey and other confectionery</i>	42.0	107.51	112.54	117.53	-0.2	0.2	9.3	0.001	0.041
<i>Food products n.e.c.</i>	80.1	105.01	109.78	116.97	1.5	1.2	11.4	0.010	0.093
<i>Non-alcoholic beverages</i>	123.6	106.30	114.36	116.96	1.8	1.0	10.0	0.013	0.032
<b>Food away from home</b>	<b>429.8</b>	<b>108.90</b>	<b>113.82</b>	<b>117.47</b>	<b>1.2</b>	<b>0.0</b>	<b>7.9</b>	<b>0.000</b>	<b>0.359</b>
<b>Other goods and services</b>	<b>8,482.5</b>	<b>101.71</b>	<b>104.97</b>	<b>105.03</b>	<b>-0.5</b>	<b>-0.6</b>	<b>3.3</b>	<b>-0.508</b>	<b>2.743</b>
<i>Other goods</i>	4,735.8	101.62	107.55	107.49	-0.3	-1.1	5.8	-0.549	2.714
<i>Other services</i>	3,746.7	101.83	101.71	101.91	-0.8	0.1	0.1	0.041	0.029
<b>CPI</b>	<b>10,000.0</b>	<b>102.49</b>	<b>106.37</b>	<b>106.60</b>	<b>-0.3</b>	<b>-0.5</b>	<b>4.0</b>	<b>-0.484</b>	<b>4.012</b>

Source: Central Bureau of Statistics Aruba

## CPI for the period May 2022 – May 2023

### Consumer Price Index

Over the last 12 months, the CPI increased by 4.0%. 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 “Housing” (10.1%), “Food and non-alcoholic beverages” (8.1%), “Miscellaneous goods and services” (2.7%), and “Restaurants and hotels” (6.9%) sectors, which contributed with an effect of 2.44, 0.91, 0.33 and 0.32 ppts, respectively. The increases in the remaining sectors had an effect of 0.48 ppts on the CPI of May 2022 - May 2023.



Aforementioned increases were partially offset by decreases in the indices for the “Communications” (-3.6%) and “Clothing and footwear” (-6.5%) sectors, causing an effect of -0.29 and -0.17 ppts, respectively.

The increase in the “Housing” sector was mainly due to increases in the categories “Electricity, gas and other fuels” (15.0%) and “Water supply and miscellaneous services relating to the dwelling” (19.1%), which contributed to an effect of respectively, 1.11 and 0.88 ppts. The increase in the “Food and non-alcoholic beverages” sector was mainly due to an increase in the category “Food” (7.8%), which contributed to an effect of 0.78 ppts. The increase in the “Miscellaneous goods and services” sector was mainly due to an increase in the category “Personal effects n.e.c.” (9.5%), which contributed to an effect of 0.09 ppts. The increase in the “Restaurants and hotels” sector was due to an increase of 7.9% in the category “Catering services”, which contributed to an effect of 0.36 ppts.

The decrease in the “Communications” sector was due to a decrease in the category “Telephone and telefax services” (-5.5%), which contributed to an effect of -0.43 ppts. The decrease in the “Clothing and footwear” sector was mainly due to a decrease of 7.5% in the category “Clothing”, which contributed to an effect of -0.15 ppts.

### Consumption basket

Over the last year 62.3% of the products in the consumption basket had an increase in price, causing an effect of 6.31 ppts, while 31.1% showed a decrease, contributing to an effect of -2.30 ppts and the remaining 6.6% had no change in price. The prices of goods increased by 6.2% and caused an influence of 3.62 ppts. The prices of services showed an increase of 0.9% and had an influence of 0.39 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. 308, from Afl. 5,046 in May 2022 to Afl. 5,354 in May 2023. This increase was mainly due to increases in the “Food and non-alcoholic beverages” (Afl. 168) and “Housing” (Afl. 147) sectors.

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

The average price per barrel of crude oil registered a decrease of US\$ 37.46 (-34.3%) from US\$ 109.31 in May 2022 to US\$ 71.86 in May 2023.

The energy index increased by 7.6% over the past 12 months and had an influence of 1.30 ppts. The indices of “Gasoline” (-7.7%) and “Diesel” (-23.4%) registered decreases over the last year, contributing with an effect of -0.45 and -0.11 ppts, respectively. The indices of “Electricity” (14.4%) and “Water” (23.1%) registered increases over the last year, contributing with an effect of 1.03 and 0.83 ppts, respectively. The remaining 404 goods and services, as a group, show an increase of 3.3% and had an effect of 2.71 ppts on the CPI.

### Change in prices of Food & catering services

Over the last 12 months, the “Food & catering services” increased by 8.0%. The “Food at home” index showed an increase of 8.1%, where all of the “Food at home” food groups increased over the period.

The “Bread and cereals” index increased by 11.7%, the largest increase among the “Food at home” food groups. Furthermore, other significant increases were posted in the indices for “Food products n.e.c.” (11.4%), “Non-alcoholic beverages” (10.0%), “Sugar, jam, honey and other confectionery” (9.3%), “Vegetables” (8.9%), “Oils and fats” (8.6%), “Milk, cheese and eggs” (7.6%), and “Meat” (6.7%).

The index for “Food away from home” increased by 7.9% over the last 12 months.

APPENDIX 1

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

DESCRIPTION	WEIGHT coefficient	2022	2022	2023	2023	Monthly	Ytd	End of period	Period average
		May	Dec	Apr	May				
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>106.02</b>	<b>114.32</b>	<b>114.35</b>	<b>114.59</b>	<b>0.2</b>	<b>0.2</b>	<b>8.1</b>	<b>11.5</b>
Food	964.1	105.98	114.32	114.16	114.28	0.1	0.0	7.8	11.7
Non-alcoholic beverages	123.6	106.30	114.36	115.83	116.96	1.0	2.3	10.0	9.8
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>104.42</b>	<b>106.28</b>	<b>109.80</b>	<b>109.95</b>	<b>0.1</b>	<b>3.5</b>	<b>5.3</b>	<b>5.0</b>
Alcoholic beverages for consumption at home	62.2	103.33	105.75	108.09	108.21	0.1	2.3	4.7	5.3
Tobacco	16.0	108.64	108.32	116.45	116.68	0.2	7.7	7.4	4.0
<b>Clothing and footwear</b>	<b>276.8</b>	<b>96.00</b>	<b>95.40</b>	<b>90.49</b>	<b>89.74</b>	<b>-0.8</b>	<b>-5.9</b>	<b>-6.5</b>	<b>-1.3</b>
Clothing	212.8	98.59	98.09	90.01	91.15	1.3	-7.1	-7.5	-1.4
Footwear	64.0	87.38	86.46	92.10	85.03	-7.7	-1.7	-2.7	-0.8
<b>Housing</b>	<b>2,522.2</b>	<b>98.34</b>	<b>110.31</b>	<b>110.88</b>	<b>108.26</b>	<b>-2.4</b>	<b>-1.9</b>	<b>10.1</b>	<b>9.7</b>
Actual rentals for housing	666.7	104.43	105.34	105.87	106.00	0.1	0.6	1.5	1.5
Imputed rentals for housing	34.4	89.79	94.59	94.59	94.59	0.0	0.0	5.3	-2.8
Maintenance and repair of the dwelling	517.0	99.92	106.52	107.51	106.38	-1.1	-0.1	6.5	3.4
Water supply and miscellaneous services relating to the dwelling	463.6	102.28	120.59	121.83	121.83	0.0	1.0	19.1	15.8
Electricity, gas and other fuels	840.4	90.72	111.55	111.55	104.30	-6.5	-6.5	15.0	18.2
<b>Household operation</b>	<b>929.2</b>	<b>98.42</b>	<b>99.17</b>	<b>103.59</b>	<b>101.36</b>	<b>-2.1</b>	<b>2.2</b>	<b>3.0</b>	<b>5.2</b>
Furniture, furnishings, carpets and other floor coverings	128.8	78.87	81.61	85.06	80.28	-5.6	-1.6	1.8	10.4
Household textiles	58.6	75.29	75.62	74.78	71.53	-4.3	-5.4	-5.0	-2.5
Household appliances	246.0	99.92	99.86	103.01	102.68	-0.3	2.8	2.8	7.0
Glassware, tableware and household utensils	17.2	79.44	78.74	65.79	59.05	-10.3	-25.0	-25.7	-3.7
Tools and equipment for house and garden	58.2	132.10	130.46	153.72	131.64	-14.4	0.9	-0.4	9.0
Goods and services for routine household maintenance and cleaning	420.5	102.87	103.93	108.23	108.75	0.5	4.6	5.7	3.3
<b>Health</b>	<b>223.1</b>	<b>98.83</b>	<b>99.92</b>	<b>97.02</b>	<b>101.10</b>	<b>4.2</b>	<b>1.2</b>	<b>2.3</b>	<b>3.4</b>
Medical products, appliances and equipment	152.3	96.62	97.77	93.12	97.89	5.1	0.1	1.3	1.9
Out-patient services	52.4	104.43	105.35	105.08	107.51	2.3	2.1	2.9	8.8
Other treatments	7.8	101.57	99.18	98.29	101.47	3.2	2.3	-0.1	6.1
Health products and services n.e.c.	10.5	100.73	104.45	112.38	115.36	2.7	10.5	14.5	-3.7
<b>Transport</b>	<b>1,257.4</b>	<b>120.19</b>	<b>117.02</b>	<b>119.81</b>	<b>121.12</b>	<b>1.1</b>	<b>3.5</b>	<b>0.8</b>	<b>12.0</b>
Purchase of vehicles	442.6	111.64	119.92	123.56	124.07	0.4	3.5	11.1	17.5
Operation of personal transport equipment	763.3	126.35	116.38	120.54	121.65	0.9	4.5	-3.7	9.6
Transport services	51.5	102.43	101.58	76.70	87.89	14.6	-13.5	-14.2	3.6
<b>Communications</b>	<b>849.6</b>	<b>97.93</b>	<b>91.24</b>	<b>93.12</b>	<b>94.38</b>	<b>1.4</b>	<b>3.4</b>	<b>-3.6</b>	<b>-4.2</b>
Telephone and telefax equipment	43.8	78.09	71.55	85.37	109.80	28.6	53.5	40.6	-5.8
Telephone and telefax services	805.8	99.01	92.31	93.54	93.54	0.0	1.3	-5.5	-4.1
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>96.85</b>	<b>101.62</b>	<b>97.38</b>	<b>96.82</b>	<b>-0.6</b>	<b>-4.7</b>	<b>0.0</b>	<b>1.1</b>
Audio-visual, photographic and information processing equipment	58.5	94.09	90.91	79.08	72.02	-8.9	-20.8	-23.5	-7.5
Other major durables for recreation and culture	20.0	102.87	85.51	98.11	98.42	0.3	15.1	-4.3	1.6
Other recreational items and equipment; gardens and pets	266.6	100.43	109.89	109.22	108.23	-0.9	-1.5	7.8	6.6
Recreational and cultural services	309.1	101.92	102.19	102.26	102.26	0.0	0.1	0.3	0.6
Newspapers, books and stationery	43.7	86.89	85.10	91.91	95.18	3.6	11.8	9.5	7.1
Holidays	315.4	90.35	99.36	86.70	86.59	-0.1	-12.9	-4.2	-2.4
<b>Education</b>	<b>98.0</b>	<b>104.79</b>	<b>104.79</b>	<b>105.12</b>	<b>105.12</b>	<b>0.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.9</b>
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	1.6
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	120.00	120.00	0.0	12.5	12.5	5.2
<b>Restaurants and hotels</b>	<b>442.0</b>	<b>108.05</b>	<b>113.51</b>	<b>115.53</b>	<b>115.53</b>	<b>0.0</b>	<b>1.8</b>	<b>6.9</b>	<b>7.0</b>
Catering services	429.8	108.90	113.82	117.47	117.47	0.0	3.2	7.9	6.8
Accommodation services	12.2	77.93	102.82	47.16	47.16	0.0	-54.1	-39.5	14.3
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>100.45</b>	<b>101.36</b>	<b>102.92</b>	<b>103.21</b>	<b>0.3</b>	<b>1.8</b>	<b>2.7</b>	<b>1.9</b>
Personal care	427.1	97.28	99.67	101.28	101.37	0.1	1.7	4.2	2.7
Personal effects n.e.c.	106.6	95.70	96.61	101.83	104.79	2.9	8.5	9.5	3.1
Social protection	78.2	126.67	126.67	133.33	133.33	0.0	5.3	5.3	8.9
Insurance	610.7	100.14	100.14	100.36	100.36	0.0	0.2	0.2	0.1
<b>CPI</b>	<b>10,000.0</b>	<b>102.49</b>	<b>106.37</b>	<b>107.12</b>	<b>106.60</b>	<b>-0.5</b>	<b>0.2</b>	<b>4.0</b>	<b>6.1</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 May 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Apr - May	Ytd Dec - May	End of period May 22 - May 23 12 months	Period average May 21/22 - May 22/23 24 months
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>0.02</b>	<b>0.03</b>	<b>0.91</b>	<b>1.25</b>
Food	964.1	0.01	0.00	0.78	1.13
Non-alcoholic beverages	123.6	0.01	0.03	0.13	0.12
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>0.00</b>	<b>0.03</b>	<b>0.04</b>	<b>0.04</b>
Alcoholic beverages for consumption at home	62.2	0.00	0.01	0.03	0.03
Tobacco	16.0	0.00	0.01	0.01	0.01
<b>Clothing and footwear</b>	<b>276.8</b>	<b>-0.02</b>	<b>-0.15</b>	<b>-0.17</b>	<b>-0.03</b>
Clothing	212.8	0.02	-0.14	-0.15	-0.03
Footwear	64.0	-0.04	-0.01	-0.01	0.00
<b>Housing</b>	<b>2,522.2</b>	<b>-0.62</b>	<b>-0.48</b>	<b>2.44</b>	<b>2.40</b>
Actual rentals for housing	666.7	0.01	0.04	0.10	0.10
Imputed rentals for housing	34.4	0.00	0.00	0.02	-0.01
Maintenance and repair of the dwelling	517.0	-0.05	-0.01	0.33	0.18
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.05	0.88	0.74
Electricity, gas and other fuels	840.4	-0.57	-0.57	1.11	1.38
<b>Household operation</b>	<b>929.2</b>	<b>-0.19</b>	<b>0.19</b>	<b>0.27</b>	<b>0.47</b>
Furniture, furnishings, carpets and other floor coverings	128.8	-0.06	-0.02	0.02	0.10
Household textiles	58.6	-0.02	-0.02	-0.02	-0.01
Household appliances	246.0	-0.01	0.07	0.07	0.17
Glassware, tableware and household utensils	17.2	-0.01	-0.03	-0.03	0.00
Tools and equipment for house and garden	58.2	-0.12	0.01	0.00	0.07
Goods and services for routine household maintenance and cleaning	420.5	0.02	0.19	0.24	0.14
<b>Health</b>	<b>223.1</b>	<b>0.08</b>	<b>0.02</b>	<b>0.05</b>	<b>0.07</b>
Medical products, appliances and equipment	152.3	0.07	0.00	0.02	0.03
Out-patient services	52.4	0.01	0.01	0.02	0.04
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	0.02	0.00
<b>Transport</b>	<b>1,257.4</b>	<b>0.15</b>	<b>0.48</b>	<b>0.11</b>	<b>1.63</b>
Purchase of vehicles	442.6	0.02	0.17	0.54	0.79
Operation of personal transport equipment	763.3	0.08	0.38	-0.35	0.82
Transport services	51.5	0.05	-0.07	-0.07	0.02
<b>Communications</b>	<b>849.6</b>	<b>0.10</b>	<b>0.25</b>	<b>-0.29</b>	<b>-0.35</b>
Telephone and telefax equipment	43.8	0.10	0.16	0.14	-0.02
Telephone and telefax services	805.8	0.00	0.09	-0.43	-0.33
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>-0.05</b>	<b>-0.46</b>	<b>0.00</b>	<b>0.11</b>
Audio-visual, photographic and information processing equipment	58.5	-0.04	-0.10	-0.13	-0.04
Other major durables for recreation and culture	20.0	0.00	0.02	-0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.02	-0.04	0.20	0.18
Recreational and cultural services	309.1	0.00	0.00	0.01	0.02
Newspapers, books and stationery	43.7	0.01	0.04	0.04	0.03
Holidays	315.4	0.00	-0.38	-0.12	-0.07
<b>Education</b>	<b>98.0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>
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	0.01
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>0.00</b>	<b>0.08</b>	<b>0.32</b>	<b>0.32</b>
Catering services	429.8	0.00	0.15	0.36	0.31
Accommodation services	12.2	0.00	-0.06	-0.04	0.01
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>0.03</b>	<b>0.21</b>	<b>0.33</b>	<b>0.23</b>
Personal care	427.1	0.00	0.07	0.17	0.11
Personal effects n.e.c.	106.6	0.03	0.08	0.09	0.03
Social protection	78.2	0.00	0.05	0.05	0.08
Insurance	610.7	0.00	0.01	0.01	0.01
<b>CPI</b>	<b>10,000.0</b>	<b>-0.48</b>	<b>0.22</b>	<b>4.01</b>	<b>6.15</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 3

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

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Apr - May	End of period May 22 - May 23 12 months	Monthly Apr - May	End of period May 22 - May 23 12 months
<b>Food &amp; catering services</b>	<b>1,517.5</b>	<b>0.1</b>	<b>8.0</b>	<b>0.024</b>	<b>1.268</b>
<b>Food at home</b>	<b>1,087.7</b>	<b>0.2</b>	<b>8.1</b>	<b>0.024</b>	<b>0.909</b>
<b>Bread and cereals</b>	<b>178.1</b>	<b>0.7</b>	<b>11.7</b>	<b>0.014</b>	<b>0.214</b>
Rice	23.5	0.9	34.7	0.003	0.083
Bread	72.1	1.1	2.5	0.008	0.021
Pasta products	9.2	0.8	10.0	0.001	0.010
Other cereals and cereal products	73.3	0.3	14.8	0.002	0.100
<b>Meat</b>	<b>242.5</b>	<b>-0.4</b>	<b>6.7</b>	<b>-0.011</b>	<b>0.176</b>
Bovine	67.3	-0.2	5.5	-0.001	0.041
Swine	25.5	0.0	2.8	0.000	0.008
Poultry	75.7	-0.7	7.4	-0.006	0.059
Other meat and meat preparations	74.0	-0.5	8.7	-0.004	0.067
<b>Fish and other seafood</b>	<b>49.0</b>	<b>-0.5</b>	<b>2.7</b>	<b>-0.002</b>	<b>0.014</b>
Fish and seafood preparations	49.0	-0.5	2.7	-0.002	0.014
<b>Milk, cheese and eggs</b>	<b>135.3</b>	<b>-1.9</b>	<b>7.6</b>	<b>-0.030</b>	<b>0.114</b>
Cheese	55.4	0.2	9.0	0.001	0.054
Eggs	16.6	-14.6	-12.7	-0.039	-0.035
Milk	40.0	1.2	16.8	0.005	0.068
Other milk products	23.3	1.0	11.7	0.002	0.027
<b>Oils and fats</b>	<b>32.2</b>	<b>0.1</b>	<b>8.6</b>	<b>0.001</b>	<b>0.031</b>
Corn oil	2.8	-2.9	10.2	-0.001	0.004
Butter and margarine	9.2	-0.5	2.9	0.000	0.003
Other oils and fats	20.1	0.9	10.8	0.002	0.024
<b>Fruit</b>	<b>97.6</b>	<b>2.4</b>	<b>2.9</b>	<b>0.022</b>	<b>0.028</b>
Oranges	9.4	4.2	-4.0	0.005	-0.005
Bananas and plantains	19.9	-4.0	4.0	-0.007	0.006
Apples	9.3	3.1	-1.5	0.003	-0.002
Avocado	5.0	-0.9	-9.6	0.000	-0.004
Grapes	9.2	10.0	11.2	0.008	0.010
Nuts	11.9	-0.1	9.8	0.000	0.011
Lemons and mandarins	6.0	-0.2	-13.6	0.000	-0.008
Cherries and strawberries	8.8	10.2	4.3	0.012	0.005
Melons and watermelons	7.7	1.1	9.7	0.001	0.006
Papayas and pineapples	6.9	2.4	13.2	0.001	0.007
Other fruits and fruit products	3.5	-0.8	3.3	0.000	0.001
<b>Potatoes and other tubers</b>	<b>18.2</b>	<b>-3.7</b>	<b>1.1</b>	<b>-0.005</b>	<b>0.002</b>
Potatoes	12.2	-6.7	-10.8	-0.005	-0.009
Other tubers	2.0	-1.5	22.7	0.000	0.005
Sweet potatoes and yucca	4.0	0.4	15.8	0.000	0.006
<b>Vegetables</b>	<b>89.1</b>	<b>1.6</b>	<b>8.9</b>	<b>0.012</b>	<b>0.067</b>
Lettuce	6.8	55.2	20.5	0.014	0.007
Tomatoes	9.7	-3.9	-1.5	-0.004	-0.001
Onions and garlic	18.7	3.3	14.3	0.005	0.022
Celery and broccoli	15.3	-0.1	0.6	0.000	0.001
Other vegetables	15.3	-3.6	3.2	-0.005	0.004
Other preserved or processed vegetables	8.4	0.4	14.6	0.000	0.012
Frozen vegetable mixtures	14.8	0.6	16.8	0.001	0.023
<b>Sugar, jam, honey and other confectionery</b>	<b>42.0</b>	<b>0.2</b>	<b>9.3</b>	<b>0.001</b>	<b>0.041</b>
Sugar	12.1	0.4	5.8	0.001	0.008
Jams and jellies	2.5	0.5	4.2	0.000	0.001
Other confectionery products	27.5	0.0	11.5	0.000	0.032
<b>Food products n.e.c.</b>	<b>80.1</b>	<b>1.2</b>	<b>11.4</b>	<b>0.010</b>	<b>0.093</b>
Other food products	80.1	1.2	11.4	0.010	0.093
<b>Non-alcoholic beverages</b>	<b>123.6</b>	<b>1.0</b>	<b>10.0</b>	<b>0.013</b>	<b>0.128</b>
Coffee and tea	20.9	0.4	13.9	0.001	0.028
Other non-alcoholic beverages	14.6	0.3	4.3	0.001	0.006
Soft and sports drinks	31.0	-0.1	11.9	0.000	0.039
Fruit juices	57.1	1.9	9.1	0.012	0.055
<b>Food away from home</b>	<b>429.8</b>	<b>0.0</b>	<b>7.9</b>	<b>0.000</b>	<b>0.359</b>
Food and beverage consumption away from home	429.8	0.0	7.9	0.000	0.359
<b>Other goods and services</b>	<b>8,482.5</b>	<b>-0.6</b>	<b>3.3</b>	<b>-0.508</b>	<b>2.743</b>
Other goods	4,735.8	-1.1	5.8	-0.549	2.714
Other services	3,746.7	0.1	0.1	0.041	0.029
<b>CPI</b>	<b>10,000</b>	<b>-0.5</b>	<b>4.0</b>	<b>-0.484</b>	<b>4.012</b>

Source: Central Bureau of Statistics Aruba

APPENDIX 4

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

	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	YEAR: 2023				YEAR: 2022				
					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.'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							0.7	2.6	5.3	3.4	
Low Income	102.91	102.08							0.8	2.7	5.1		
High Income	103.40	102.66							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							1.2	3.8	6.0	3.7	
Low Income	103.79	102.91							0.9	3.6	5.6		
High Income	104.76	103.40							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							1.9	5.8	7.7	4.3	
Low Income	106.46	103.79							2.6	6.3	8.0		
High Income	106.41	104.76							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							-0.2	5.6	7.0	4.7	
Low Income	106.26	106.46							-0.2	6.1	7.2		
High Income	106.16	106.41							-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							0.1	5.7	7.0	5.1	
Low Income	106.28	106.26							0.0	6.1	7.2		
High Income	106.29	106.16							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							0.2	5.8	6.6	5.3	
Low Income	106.57	106.28							0.3	6.4	7.1		
High Income	106.43	106.29							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	
<b>Average 2002</b>	26.06	24.89	22.39	22.39	0.00	174.91	90.82	127.20	88.68	
<b>Average 2003</b>	34.49	27.02	24.52	24.52	0.00	190.38	99.21	139.21	100.18	
<b>Average 2004</b>	41.31	27.18	24.68	24.68	0.00	191.57	100.02	152.51	113.05	
<b>Average 2005</b>	56.36	31.10	28.60	28.60	0.00	219.97	113.69	167.74	136.04	
<b>Average 2006</b>	66.12	35.91	33.41	33.41	0.00	254.88	128.70	176.22	149.77	
<b>Average 2007</b>	72.08	36.59	34.09	34.09	0.00	259.84	133.59	200.43	168.38	
<b>Average 2008</b>	99.87	45.67	43.17	43.17	0.00	325.67	161.80	228.19	214.48	
<b>Average 2009</b>	61.46	37.33	34.83	34.83	0.00	265.17	139.60	175.15	142.53	
<b>Average 2010</b>	79.22	43.92	41.42	41.42	0.00	312.98	159.21	193.43	163.22	
<b>Average 2011</b>	94.74	47.58	47.57	47.57	0.00	345.14	177.47	229.48	203.46	
<b>Average 2012</b>	94.25	47.68	51.21	53.46	0.00	353.85	171.13	235.53	210.07	
<b>Average 2013</b>	98.00	41.10	44.90	58.40	0.00	306.75	137.05	229.48	205.83	
<b>Average 2014</b>	93.49	42.58	45.32	57.77	0.63	315.71	137.05	224.24	200.21	
<b>Average 2015</b>	48.71	47.02	46.56	55.87	2.50	342.59	137.05	179.74	147.80	
<b>Average 2016</b>	43.17	40.40	41.80	47.64	12.50	308.76	137.05	165.87	131.12	
<b>Average 2017</b>	50.85	34.52	35.72	45.93	12.50	265.65	137.05	180.79	147.69	
<b>Average 2018</b>	65.08	34.52	35.72	45.93	12.50	265.65	137.05	204.95	177.59	
<b>Average 2019</b>	56.84	34.52	35.72	45.93	12.50	265.65	137.05	202.67	176.53	
<b>Average 2020</b>	39.25	31.09	31.99	42.09	12.50	240.09	137.05	177.93	143.26	
<b>Average 2021</b>	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										
July-23										
August-23										
September-23										
October-23										
November-23										
December-23										
<b>Average 2023</b>	<b>75.98</b>	<b>37.98</b>	<b>39.09</b>	<b>51.42</b>	<b>12.50</b>	<b>290.56</b>	<b>168.73</b>	<b>258.60</b>	<b>238.94</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**

