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# A note to the reader

The following report presents the price statistics for February 2023.

- The Central Bureau of Statistics made a series of improvements in October 2020 to keep the measures on changes in consumer prices as accurate and up to date as possible.
   Due to the implementation of these important changes in the calculation of the CPI, the CPI from June 2019 up to October 2020 were revised and corrected.
- At the end of February 2023, the Consumer Price Index (CPI) shows an increase of 0.8% compared to the end of January 2023. The sector which affected the CPI the most was "Transport" (3.9%), which led to an effect of 0.53 percentage points (ppts) on the  $\Delta$  CPI of February 2023 (0.8%).
- Compared to February 2022 the CPI increased by 7.1%. The sector which affected the CPI the most was "Housing" (12.6%), which led to an effect of 3.11 ppts.
- The period average inflation for the periods February 2021 to February 2022 and February 2022 to February 2023 is 6.1%, which is 4.4 ppts higher compared to the period average inflation for the periods February 2020 to February 2021 and February 2021 to February 2022 (1.7%).
- Utilities (Water and Electricity) did not register price changes in February 2023. The price of gasoline registered an increase of 7.7% in February 2023 and had an effect of 0.36 ppts. The price of diesel registered an increase of 5.6% in February 2023 and contributed with an effect 0.02 ppts on the  $\Delta$  CPI of February 2023.

This report is divided in 7 sections. An overview of the monthly percentage changes in the CPI and index per sector is presented in section 1. Section 2 provides the yearly percentage changes in the CPI and index per sector. The development of indices of main sectors and utilities is outlined in section 3. Section 4 presents the percentage change in the CPI of Aruba's major trading partners and compares the CPI of Aruba and the USA. Section 5 presents an overview of the monthly and yearly percentage changes of the core inflation. Section 6 presents the price movements in food & catering services. The development of the subsistence level is presented in section 7 and is followed by the appendices.

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# Consumer Price Index Aruba Monthly change February 2023

# 1 Monthly change of the CPI

#### 1.1 CPI and Inflation

The CPI of the total population of Aruba for the month of February 2023 is 107.59; an increase of 0.8% compared to the CPI of January 2023 (106.69). An overview of the percentage change in the CPI ( $\Delta$  CPI) for different periods during 2022 and 2023 is shown in Table 1. The terms percentage change in the CPI and "inflation" (deflation) are considered similar and are used interchangeably. The inflation over the last 12 months (end of period inflation) is 7.1%, while the inflation over a period of 24 months (period average inflation) is 6.1%.

Table 1: Overview of ∆ CPI

		% Changes		Inc	dex
Period		2022	2022 2023 Last C		Current
Monthly	Jan - Feb	0.4	0.8	106.69	107.59
Year-to-date	Dec - Feb	-0.2	1.1	106.37	107.59
Last 12 months <sup>1</sup>	Feb - Feb	3.5	7.1	100.44	107.59
Last 24 months <sup>2</sup>	Feb - Feb	1.7	6.1	98.96	104.99

Source: Central Bureau of Statistics Aruba

Figure 1 depicts the monthly  $\Delta$  CPI over a period of one year starting from February 2022, whereas the  $\Delta$  CPI for the month February for the years 2014 to 2023 is illustrated in Figure 2.

# 1.2 Changes in sector

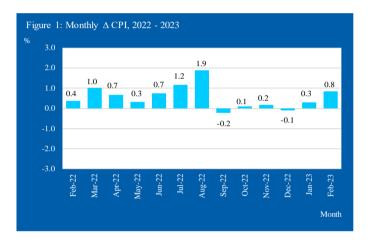
Figure 3 provides an overview of the percentage changes for the indices per sector for February 2023. The percentage change in index is further denoted as  $\Delta$  I. The largest  $\Delta$  I is observed for the "Clothing and footwear" sector with an increase of 6.2%.

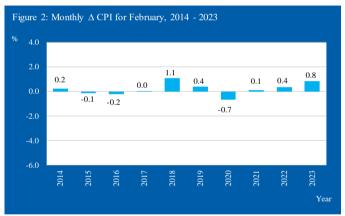
# 1.3 Changes in categories and subcategories

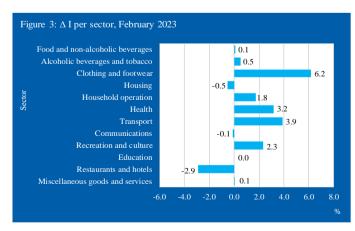
The largest positive and negative  $\Delta$  I is seen in the categories "Footwear" (14.3%) and "Accommodation services" (-65.7%). In the "Food and non-alcoholic beverages" sector an increase of 0.1% was observed for the category "Food", while the category "Non-alcoholic beverages" registered a decrease of 0.1%. In the "Housing" sector the major  $\Delta$  I is observed for the category "Maintenance and repair of the dwelling" (-2.8%). In the "Transport" sector the major  $\Delta$  I is observed for the category "Operation of personal transport equipment" (6.5%). In the "Recreation and culture" sector the major  $\Delta$  I is observed for the category "Audio-visual, photographic and information processing equipment" (-12.8%)1.

The categories which influenced the CPI calculation the most are "Operation of personal transport equipment", "Holidays" and

<sup>&</sup>quot;Accommodation services" which had an effect of respectively, 0.53, 0.26 and -0.17 ppts on the  $\Delta$  CPI. Reference is made to tables 16 and 17 in Appendices 1 and 2. Table 16 provides an overview of the indices for the months February 2022, December 2022, January 2023 and February 2023 together with corresponding weights per sector and the monthly, year-to-date (ytd), end of period and period average percentage changes for February 2023. In table 17 an overview of the effect on the monthly, year-to-date (ytd), end of period and period average CPI per sector and category for February 2023 is presented. The course of indices for 2011 - up to February 2023 is illustrated in Appendix 5.







<sup>&</sup>lt;sup>1</sup> The focus is on the four major sectors which are: Housing, Transport, Food and nonalcoholic beverages and Recreation and culture. Together these sectors form 59% of the total weight of the basket of goods and services.

<sup>&</sup>lt;sup>1</sup> End of period inflation

<sup>&</sup>lt;sup>2</sup> Period average inflation

# 2 End of period change of the CPI

# 2.1 End of period change CPI for February 2023

The CPI increased from 100.44 in February 2022 to 107.59 in February 2023, an increase of 7.1%. This  $\Delta$  CPI is the highest registered over a period of 6 years for the month February, and is 3.6 ppts higher than the  $\Delta$  CPI registered in 2022 (3.5%) (see table 2).

Table 2: End of period Δ CPI for February, 2018 - 2023

Period	Δ CPI	Index
2017-2018	2.1	93.88
2018-2019	3.0	96.66
2019-2020	2.3	98.90
2020-2021	-1.9	97.00
2021-2022	3.5	100.44
2022-2023	7.1	107.59

Source: Central Bureau of Statistics Aruba

# 2.2 Changes in sector

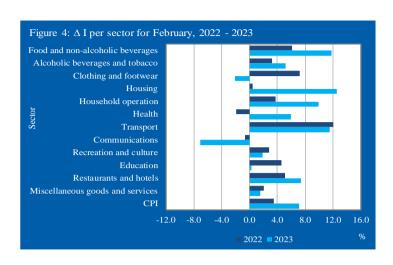
An overview of the percentage change per sector over the period February 2022 - February 2023 is presented in table 3. The largest  $\Delta$  I is observed for the sector "Housing" with an increase of 12.6%. Furthermore, (remarkable) increases of 11.8%, 11.5% and 10.0% are observed for the "Food and non-alcoholic beverages", "Transport" and "Household operation" sectors, respectively. A comparison of the  $\Delta$  I's for the years 2022 and 2023 is provided in figure 4.

Table 3: Percentage change for February, 2022 - 2023

Sector	% Change			
Food and non-alcoholic beverages	11.8			
Alcoholic beverages and tobacco	5.2			
Clothing and footwear	-2.1			
Housing	12.6			
Household operation	10.0			
Health	6.0			
Transport	11.5			
Communications	-7.1			
Recreation and culture	1.9			
Education	0.3			
Restaurants and hotels	7.4			
Miscellaneous goods and services	1.6			
CPI	7.1			
Source: Central Bureau of Statistics Aruba				

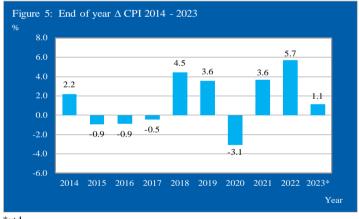
#### 2.3 Changes in categories

The largest positive and negative  $\Delta$  I in categories observed over a period of one year are respectively, "Furniture, furnishings, carpets and other floor coverings" (26.8%) and "Telephone and telefax equipment" (-34.8%). For an overview of the end of period percentage changes per category refer to table 16 in Appendix 1.



# 2.4 End of year change CPI 2014 - 2023

The end of year  $\Delta$  CPI for the period 2014 - 2023 is shown in figure 5. The  $\Delta$  CPI for 2023 is calculated by comparing the CPI of February 2023 with the CPI of December 2022. The ytd  $\Delta$  CPI for February 2023 is 1.1%.



# 2.5 Period average change CPI for February 2023

The period average change CPI (Δ ACPI) for February 2023 is 6.1%. Table 4 provides an overview of the  $\triangle$  ACPI for the month February for the years 2019 to 2023. The  $\Delta$  ACPI for 2023 increased by 4.4 ppts compared to 2022 (1.7%).

Table 4: Overview of Δ ACPI for February, 2019 - 2023

Period	Δ ΑСΡΙ	Index
2018-2019	3.9	95.75
2019-2020	3.9	99.45
2020-2021	-2.2	97.30
2021-2022	1.7	98.96
2022-2023	6.1	104.99

# 3 Development of indices of main sectors and utilities

#### 3.1 Indices main sectors

The four major sectors, "Housing", "Transport", "Food and nonalcoholic beverages" and "Recreation and culture", constitute 58% of the total weight of the basket of goods and services, which are observed on a monthly basis. An overview of the course of indices for 2010 - up to February 2023 per sector and for the CPI is provided in figures 9-1 to 9-12 in Appendix 5.

Changes in the indices of the sectors "Housing" and "Transport" are mainly the result of changes in the international oil prices and prices of utilities during the respective months. The development of crude oil, fuel surcharge, electricity, water, gasoline and diesel prices is provided in table 5 and in the adjoining figures 6-1 and

Table 5: Prices of utilities, gasoline and diesel, 2022 - 2023

	Total	Total				
Crude oil	energy charge <sup>2</sup>	energy charge <sup>2</sup>				
per barrel <sup>1</sup>	≤ 500 kWh	501-1000 kWh	Electricity <sup>3</sup>	Water <sup>4</sup>	Gasoline <sup>5</sup>	Diesel <sup>5</sup>
91.32	31.09	31.99	240.09	137.05	245.70	214.10
108.58	31.09	31.99	240.09	137.05	261.00	228.80
102.29	31.09	31.99	240.09	137.05	291.00	274.50
109.31	31.09	31.99	240.09	137.05	289.00	289.00
115.29	31.09	31.99	240.09	137.05	321.20	290.30
103.21	31.09	31.99	240.09	137.05	335.70	312.70
93.74	38.53	39.65	294.56	167.75	293.20	278.50
85.37	38.53	39.65	294.56	168.73	268.00	269.90
87.61	38.53	39.65	294.56	168.73	254.90	259.40
85.08	38.53	39.65	294.56	168.73	269.10	284.80
76.80	38.53	39.65	294.56	168.73	251.40	261.00
78.01	38.53	39.65	294.56	168.73	243.80	246.60
76.99	38.53	39.65	294.56	168.73	262.50	260.30
	91.32 108.58 102.29 109.31 115.29 103.21 93.74 85.37 87.61 85.08 76.80 78.01	Crude oil energy charge <sup>2</sup> per barrel <sup>1</sup> ≤ 500 kWh  91.32 31.09 108.58 31.09 102.29 31.09 109.31 31.09 115.29 31.09 103.21 31.09 93.74 38.53 85.37 38.53 87.61 38.53 85.08 38.53 76.80 38.53 78.01 38.53	Crude oil per barrel³         energy charge² chergy charge²         energy charge²         energy charge²         energy charge²         sol-1000 kWh           91.32         31.09         31.99         <	Crude oil         energy charge² energy charge²         energy charge²         energy charge²         energy charge²         energy charge²         electricity²           91.32         31.09         31.99         240.09           108.58         31.09         31.99         240.09           102.29         31.09         31.99         240.09           115.29         31.09         31.99         240.09           103.21         31.09         31.99         240.09           93.74         38.53         39.65         294.56           85.37         38.53         39.65         294.56           87.61         38.53         39.65         294.56           85.08         38.53         39.65         294.56           76.80         38.53         39.65         294.56           78.01         38.53         39.65         294.56	Crude oil per barrel³         energy charge² energy charge²         be energy charge²         be energy charge²         be electricity³         water⁴           91.32         31.09         31.99         240.09         137.05           108.58         31.09         31.99         240.09         137.05           102.29         31.09         31.99         240.09         137.05           109.31         31.09         31.99         240.09         137.05           115.29         31.09         31.99         240.09         137.05           103.21         31.09         31.99         240.09         137.05           93.74         38.53         39.65         294.56         168.73           85.37         38.53         39.65         294.56         168.73           85.08         38.53         39.65         294.56         168.73           76.80         38.53         39.65         294.56         168.73           78.01         38.53         39.65         294.56         168.73           76.80         38.53         39.65         294.56         168.73           78.01         38.53         39.65         294.56         168.73           78.01	Crude oil         energy charge² energy charge²         lectricity³         Water⁴         Gasoline⁵           91.32         31.09         31.99         240.09         137.05         245.70           108.58         31.09         31.99         240.09         137.05         261.00           102.29         31.09         31.99         240.09         137.05         291.00           109.31         31.09         31.99         240.09         137.05         289.00           115.29         31.09         31.99         240.09         137.05         321.20           103.21         31.09         31.99         240.09         137.05         325.00           93.74         38.53         39.65         294.56         167.75         293.20           85.37         38.53         39.65         294.56         168.73         254.90           85.08         38.53         39.65         294.56         168.73         254.90           76.80         38.53         39.65         294.56         168.73         251.40           78.01         38.53         39.65         294.56         168.73         251.40

Source: Central Bureau of Statistics Aruba

#### 3.2 Electricity

The price of electricity is determined in Aruban florins (Afl.) for an average usage by households. The average usage is 725.5 kWh per month. The electricity price for an average consumption of 725.5 kWh did not change in February 2023, it remained at Afl. 294.56. Figure 6-1 provides an overview of the course of changes in the electricity price for the period 2015 to 2023.

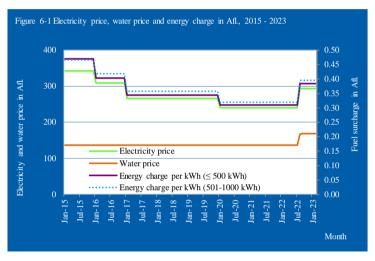
The total energy charge per kWh for a usage of electricity up to 500 kWh did not change in February 2023, it stayed at Afl. 38.53 cents per kWh. The total energy charge per kWh for a usage of electricity between 501 - 1000 kWh did not change in February 2023, it stayed at Afl. 39.65 cents per kWh.

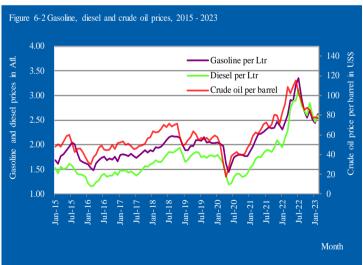
#### 3.3 Water

The price of water is determined in Afl. for an average usage (water consumption) by households. Figure 6-1 provides an overview of the course of changes in the water price for the period 2015 to 2023. The water price for an average usage by households did not change in February 2023, it remained at Afl. 168.73.

#### 3.4 Gasoline and Diesel

The retail price of gasoline increased by 7.7% from 243.8 cents per liter in January 2023 to 262.5 cents per liter in February 2023. In February 2023, the retail price of diesel registered an increase of 5.6% from 246.6 cents per liter in January 2023 to 260.3 cents per liter in February 2023.





<sup>&</sup>lt;sup>1</sup> Average West Texas Intermediate (WTI) crude oil price per barrel in USS (Source: U.S. Energy Information Administration)

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

<sup>&</sup>lt;sup>3</sup> Electricty price in Afl.

<sup>&</sup>lt;sup>4</sup> Water price in Afl.

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

# 4 Percentage change CPI of Aruba's major trading partners

# 4.1 Comparison of the CPI of Aruba and the USA

Table 6 provides an overview of the  $\Delta$  CPI of Aruba's major trading partners starting from February 2022. In February 2023 the  $\Delta$  CPI of the USA and the Netherlands were 0.6% and 1.0%, respectively. The  $\Delta$  CPI of Curação for February 2023 is not yet available.

Table 6: Monthly Δ CPI 2022 - 2023 per Country

Period	Aruba	USA	Curaçao	Netherlands
Feb-22	0.4	0.9	0.8	0.6
Mar-22	1.0	1.3	1.0	3.6
Apr-22	0.7	0.6	1.1	0.3
May-22	0.3	1.1	0.7	-0.6
Jun-22	0.7	1.4	1.1	0.0
Jul-22	1.2	0.0	1.0	2.1
Aug-22	1.9	0.0	1.0	2.0
Sep-22	-0.2	0.2	0.4	2.4
Oct-22	0.1	0.4	-0.1	1.1
Nov-22	0.2	-0.1	0.3	-3.0
Dec-22	-0.1	-0.3	0.6	0.5
Jan-23	0.3	0.8	n.a.	-1.4
Feb-23	0.8	0.6	n.a.	1.0

Source: CBS Aruba, Bureau of Labor Statistics (USA),

CBS Curação and CBS Netherlands

The USA is considered Aruba's largest trading partner<sup>2</sup>. Table 7 provides an overview of the  $\Delta$  CPI for Aruba and the USA in February 2023. Aruba's monthly Δ CPI for February 2023 is 0.2 ppts higher than the  $\Delta$  CPI of the USA.

Table 7: Overview of Δ CPI, 2022

Period		Aruba	USA
Monthly	Jan - Feb	0.8	0.6
Year-to-date	Jan - Feb	1.1	1.4
Last 12 months <sup>1</sup>	Jan - Feb	7.1	6.0
Last 24 months <sup>2</sup>	Jan - Feb	6.1	7.7

Source: Central Bureau of Statistics Aruba

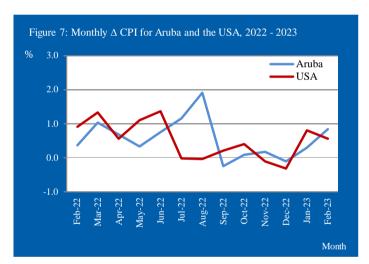
The Δ CPI of Aruba over the last 12 months is 1.1 ppts higher compared to the USA's 12-month  $\Delta$  CPI. The  $\Delta$  CPI over the last 24 months for Aruba is 1.6 ppts lower than the  $\Delta$  CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the

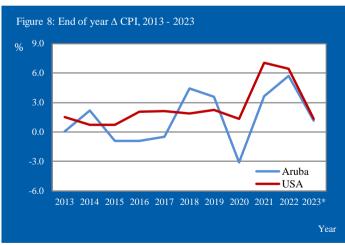
end of year  $\Delta$  CPI over the period 2013 - 2023 for Aruba and the USA is provided in table 8 and figure 8.

Table 8: End of year Δ CPI, 2013 - 2023

Period	Aruba	USA
2013	0.1	1.5
2014	2.2	0.8
2015	-0.9	0.7
2016	-0.9	2.1
2017	-0.5	2.1
2018	4.5	1.9
2019	3.6	2.3
2020	-3.1	1.4
2021	3.6	7.0
2022	5.7	6.5
2023*	1.1	1.4

<sup>\*</sup> ytd





 $<sup>^2\,</sup>$  In 2022, 50% of Aruba's import by sea and air originated from the USA" (Source: Foreign Trade Statistics Report, 2018-2022).

<sup>&</sup>lt;sup>1</sup> End of period inflation

<sup>&</sup>lt;sup>2</sup> Period average inflation

# **5** Core inflation

#### **5.1 Core inflation**

Core inflation is a measure of inflation which excludes certain items that face volatile price movements e.g. food products and energy. By calculating the core inflation these more volatile components are eliminated from the inflation. Core inflation indices serve to assess the mid- and long-term trend of the overall price level. For the purpose of adjusting monetary policy, many economists focus more intently on the core rate of inflation, as this allows for an in-depth assessment of inflationary processes ongoing in the economy.

# **5.2** Monthly change of the core inflation

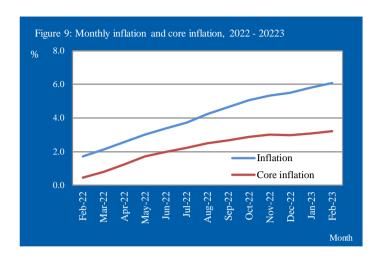
In February 2023 the core inflation (measured over the period February 2022 - 2023) was 3.2%. In February 2023 the food index was 11.6%, while the energy index shows an increase of 16.0%.

Table 9: Monthly inflation and core inflation, 2022 - 2023

				Core
Period	Inflation	Food	Energy <sup>2</sup>	Inflation
Feb-22	1.7	1.2	8.2	0.5
Mar-22	2.1	2.0	8.7	0.8
Apr-22	2.6	3.0	8.8	1.2
May-22	3.0	4.0	8.7	1.7
Jun-22	3.4	5.1	9.0	2.0
Jul-22	3.7	6.1	9.5	2.2
Aug-22	4.3	7.1	10.8	2.5
Sep-22	4.7	8.0	11.9	2.7
Oct-22	5.1	9.0	12.8	2.9
Nov-22	5.3	9.7	13.5	3.0
Dec-22	5.5	10.5	14.2	3.0
Jan-23	5.8	11.1	15.1	3.1
Feb-23	6.1	11.6	16.0	3.2

Source: Central Bureau of Statistics Aruba

The monthly inflation and core inflation for Aruba is shown in figure 9 over a period of one year starting from February 2022.



# **5.3** End of year change of the core inflation, 2018 - 2023

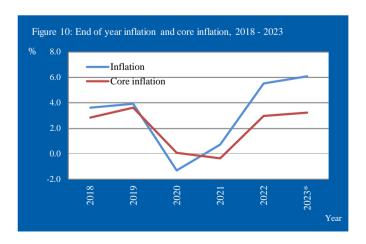
The end of year core inflation of the total population of Aruba for the year 2023 (up to February) is 3.1%, an increase of 0.1 ppt compared to the core inflation of 2022. Table 10 provides an overview of the end of year inflation and core inflation over the period 2018 - 2023.

The end of year inflation and core inflation is presented in figure 10 over the period 2018 - 2023.

Table 10: End of year core inflation, 2018 - 2023

Period	2018	2019	2020	2021	2022	2023*
Inflation	3.6	3.9	-1.3	0.7	5.5	6.1
Food	7.3	10.5	-0.8	-0.3	10.5	11.6
Electricity	1.7	2.1	-9.2	0.0	9.5	13.2
Water	1.7	2.1	0.5	0.0	9.6	13.4
Gasoline and diesel	15.8	1.0	-12.3	25.6	24.8	21.8
Core inflation	2.8	3.6	0.1	-0.3	3.0	3.2
Carrana Carataral Burnasa of Charlistics Anniha						

<sup>\*</sup>current month



<sup>&</sup>lt;sup>1</sup> Period average inflation

<sup>&</sup>lt;sup>2</sup> Energy : Electricity, water, gasoline and diesel

# 6 Development of Food & catering services

# 6.1 Monthly change of Food & catering services for February 2023

The "Food & catering services" index showed an increase of 0.2% in February 2023, the same increase as in January 2023. The index for "Food at home" showed an increase of 0.1% in February, as six (6) of the eleven (11) "Food at home" indices increased in February 2023. The "Milk, cheese and eggs" index registered the largest increase (2.6%) in February 2023. Furthermore, other significant increases were posted in the indices for "Sugar, jam, honey and other confectionery" (1.8%), "Fruit" (1.7%) and "Potatoes and other tubers" (1.6%).

The largest decrease was registered in the index for "Vegetables" (-5.2%) in February 2023.

Table 11 provides an overview of the corresponding weights per food group together with the percentage changes and effect for February 2023.

Table 11: Percentage change of Food for February 2023

Food	Weight	% Change	Effect
Food & catering services	1,492.8	0.2	0.037
Food at home	1,125.3	0.1	0.013
Bread and cereals	205.2	0.2	0.004
Meat	229.8	-0.7	-0.018
Fish and other seafood	56.4	-0.8	-0.004
Milk, cheese and eggs	140.0	2.6	0.039
Oils and fats	31.6	-0.5	-0.002
Fruit	72.0	1.7	0.016
Potatoes and other tubers	18.5	1.6	0.002
Vegetables	75.7	-5.2	-0.043
Sugar, jam, honey and other confectionery	49.6	1.8	0.008
Food products n.e.c.	82.7	1.3	0.011
Non-alcoholic beverages	163.9	-0.1	-0.001
Food away from home	367.5	0.5	0.024
Other goods and services	8,507.2	1.0	0.804
Other goods	5,147.2	1.1	0.550
Other services	3,360.0	0.7	0.254
СРІ	10,000.0	0.8	0.841

Source: Central Bureau of Statistics Aruba

In February 2023, "Food at home" and "Food away from home" as a group showed an increase in price of 0.2% compared to January 2023, and had an effect of 0.04 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 1.0%, causing an effect of 0.80 ppts on the CPI.

An overview of the percentage change and effect for "Food at home" and "Food away from home" for February 2023 is presented in table 12.

Table 12: Effect on the CPI of February 2023 of "Food at home" and "Food away from home"

Category	Weight	% Change	Effect					
Food at home	1,087.7	0.1	0.01					
Food away from home	429.8	0.5	0.02					
Total group	1,517.5	0.2	0.04					
Remaining goods and services	8,482.5	1.0	0.80					
CPI	10,000.0	0.8	0.84					
Source: Central Bureau of Statistics Aruba								

Figure 11 depicts the monthly  $\Delta$  Food and catering services over a period of one year starting from February 2022.



# 6.2 End of Period change of Food & catering services for February 2023

Over the last 12 months, the "Food & catering services" increased by 10.5%. The "Food at home" index showed an increase of 11.8%, where all of the "Food at home" food groups increased over the period.

The "Milk, cheese and eggs" index increased by 17.6%, the largest increase among the "Food at home" food groups. Furthermore, other significant increases were posted in the indices for "Bread and cereals" (14.9%), "Potatoes and other tubers" (12.8%), "Meat" (11.7%), "Vegetables" (11.4%), "Nonalcoholic beverages" (11.2%), "Sugar, jam, honey and other confectionery" (10.5%), "Oils and fats" (10.4%) and "Food products n.e.c." (9.5%).

The index for "Food away from home" increased by 7.4% over the last 12 months.

Table 18 provides an overview of the monthly and end of period percentage changes and effect for February 2023 for the food groups.

# 7 Subsistence level

#### 7.1 Subsistence level

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". Equivalence scales are used to adjust for the assumed standard of living, of households of different sizes and composition. The scale assigns a weight of 1.0 for the first adult and 0.5 for each additional adult in the household (aged 15+) and a weight of 0.3 for each child (aged 0-14 years). The subsistence level is based on figures of the report "Bestaansminimum 2010" published by the CBS in February 2010 and is monthly updated for inflation using the monthly CPI. The reference unit used in this report is one of a household consisting of two adults and two children (aged 0-14

# 7.2 Monthly change of the subsistence level for February 2023

Table 13 provides an overview of the subsistence level for a family of two adults and two children (aged 0-14 years) by sector registered over a period of 5 years for the month February. Over a period of one year the subsistence level increased by Afl. 462, from Afl. 4,931 in February 2022 to Afl. 5,393 in February 2023. The "Food and non-alcoholic beverages" (Afl. 236) and "Housing" (Afl. 183) sectors show the largest increases, over this period.

Table 13: Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-14 years) for February, 2019 - 2023

						Change in Afl.
Sector	Feb-19	Feb-20	Feb-21	Feb-22	Feb-23	Feb-22 - Feb-23
Food and non-alcoholic beverages	1,862	1,934	1,883	1,997	2,233	236
Clothing and footwear	268	258	239	257	251	-6
Housing	1,441	1,446	1,446	1,453	1,636	183
Household operation	112	110	105	109	120	11
Health	81	82	80	78	83	5
Transport	275	288	280	313	349	36
Communications	150	151	152	151	141	-10
Recreation and culture	154	166	158	163	166	3
Education	73	74	74	78	78	0
Miscellaneous goods and services	320	328	325	332	337	5
Total	4,735	4,836	4,742	4,931	5,393	462

An overview of the subsistence level, for the most common family types, over the period February 2022 - February 2023 is presented in table 14.

Source: Central Bureau of Statistics Aruba

Table 14: Subsistence level in Aruba (in Afl.) by family size and composition, February 2023 (Base period December 2010)

		Equivalence scales									
	1	1.3	1.5	1.8	2.1						
	1 adult	1 adult	2 adults	2 adults	2 adults						
Period		+ 1 child		+ 1 child	+ 2 children						
Feb-22	2,348	3,052	3,522	4,226	4,931						
Mar-22	2,372	3,083	3,557	4,269	4,980						
Apr-22	2,382	3,097	3,574	4,288	5,003						
May-22	2,403	3,124	3,604	4,325	5,046						
Jun-22	2,414	3,139	3,622	4,346	5,070						
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						

Source: Central Bureau of Statistics Aruba

# 7.3 Comparison of the subsistence level and minimum wage

In February 2023 the subsistence level for a single adult household is Afl. 2,568, which represents an income deficit of Afl. 675, an increase of Afl. 142 compared to the deficit observed one year ago (Afl. 533). This deficit is the highest registered over a period of six years for the month February.

Tabel 15: Monthly income surplus/deficit (in Afl.) for a single adult household for February, 2018 - 2023

		Minimum	
Period	1 adult	wage	Surplus/deficit
2018	2,153	1,711	-442
2019	2,255	1,711	-544
2020	2,303	1,815	-488
2021	2,258	1,815	-443
2022	2,348	1,815	-533
2023	2,568	1,893	-675



Table 16: Monthly & Yearly Changes (%) in the Consumer Price Index for February 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT	2022	2022	2023	2023	Monthly	Ytd	End of period	Period avera
		Feb	Dec	Jan	Feb	Jan - Feb	Dec - Feb	Feb 22 - Feb 23	Feb 21/22 - Feb
	coefficient							12 months	24 months
Food and non-alcoholic beverages	1,087.7	102.20	114 22	114 20	114 22	0.1	0.0	11.8	11.3
Food and non-according beverages			114.32			0.1	-0.3	11.8	11.6
Non-alcoholic beverages			114.36			-0.1	2.0	11.2	8.9
Non alcoholic severages	123.0	104.52	114.50	110.75	110.05	0.1	2.0	11.2	0.5
Alcoholic beverages and tobacco	78.2	103.44	106.28	108.27	108.81	0.5	2.4	5.2	4.5
Alcoholic beverages for consumption at home	62.2	102.12	105.75	106.51	106.90	0.4	1.1	4.7	5.0
Tobacco	16.0	108.55	108.32	115.09	116.25	1.0	7.3	7.1	2.7
Clothing and footwear	276.8	94.08	95.40	86.74	92.11	6.2	-3.5	-2.1	3.2
Clothing		96.30	98.09	88.52		4.0	-6.2	-4.4	3.8
Footwear	64.0	86.68	86.46	80.82	92.35	14.3	6.8	6.5	1.1
Hausten	2 522 2	00.27	440.34	444.36	110.70	0.5	0.4	12.5	
Housing	2,522.2					- <b>0.5</b> 0.1	<b>0.4</b> 0.2	12.6	<b>6.9</b> 1.5
Actual rentals for housing Imputed rentals for housing			105.34 94.59	94.59		0.0	0.0	1.5 -1.3	-4.6
Maintenance and repair of the dwelling			106.52			-2.8	1.8	8.3	1.8
Water supply and miscellaneous services relating to the dwelling			120.59			0.0	0.0	17.9	11.3
Electricity, gas and other fuels			111.55			0.0	0.0	23.0	13.1
Electricity, gas and other racis	0.10.1	30.72	111.55	111.55	111.55	0.0	0.0	25.0	13.1
Household operation	929.2	97.94	99.17	105.84	107.70	1.8	8.6	10.0	4.9
Furniture, furnishings, carpets and other floor coverings	128.8	72.73	81.61	91.81	92.19	0.4	13.0	26.8	10.2
Household textiles	58.6	76.60	75.62	77.51	77.16	-0.4	2.0	0.7	-1.9
Household appliances	246.0	103.06	99.86	111.95	118.46	5.8	18.6	14.9	7.3
Glassware, tableware and household utensils	17.2	66.87	78.74	74.22	68.24	-8.1	-13.3	2.0	-2.0
Tools and equipment for house and garden	58.2	132.86	130.46	138.85	137.45	-1.0	5.4	3.5	10.8
oods and services for routine household maintenance and cleaning	420.5	102.07	103.93	107.24	107.91	0.6	3.8	5.7	2.2
Health		94.70		97.27		3.2	0.5	6.0	2.0
Medical products, appliances and equipment				93.19		4.7	-0.2	4.8	0.3
Out-patient services			105.35			-0.7	0.7	10.8	8.4
Other treatments			99.18			-1.0	0.4	8.1	6.5
Health products and services n.e.c.	10.5	114.90	104.45	105.87	113.45	7.2	8.6	-1.3	-6.6
Transport	1,257.4	107.61	117.02	115.52	120.01	3.9	2.6	11.5	16.1
Purchase of vehicles			119.92			-0.1	0.7	20.1	16.7
Operation of personal transport equipment			116.38			6.5	4.8	7.7	15.8
Transport services			101.58			0.5	-16.6	-1.0	15.3
Communications	849.6	99.12	91.24	92.22	92.12	-0.1	1.0	-7.1	-3.6
Telephone and telefax equipment	43.8	101.15	71.55	67.99	65.99	-2.9	-7.8	-34.8	-15.1
Telephone and telefax services	805.8	99.01	92.31	93.54	93.54	0.0	1.3	-5.5	-3.0
Recreation and culture	1,013.3					2.3	-2.2	1.9	1.8
Audio-visual, photographic and information processing equipment		97.46	90.91	89.99	78.51	-12.8	-13.6	-19.4	-1.7
Other major durables for recreation and culture			85.51	84.47	89.47	5.9	4.6	-9.1	3.4
Other recreational items and equipment; gardens and pets			109.89			-0.1	-1.4	8.0	5.3
Recreational and cultural services			102.19 85.10		93.44	0.0 2.8	0.8 9.8	1.2 19.9	0.9 3.5
Newspapers, books and stationery Holidays			99.36			10.4	-6.0	-0.1	-0.2
Holidays	313.4	33.37	33.30	04.02	33.43	10.4	-0.0	-0.1	-0.2
Education	98.0	104.79	104.79	105.12	105.12	0.0	0.3	0.3	1.9
Pre primary and primary education			100.00			0.0	0.0	0.0	0.0
Secondary education			110.44			0.0	0.0	0.0	4.1
Post-secondary non-tertiary education			100.00			0.0	0.0	0.0	0.0
Tertiary education			100.00			0.0	0.0	0.0	0.0
Education not definable by level			106.67			0.0	12.5	12.5	2.1
Restaurants and hotels	442.0	106.64	113.51	117.98	114.55	-2.9	0.9	7.4	6.6
Catering services	429.8	107.70	113.82	115.05	115.65	0.5	1.6	7.4	6.2
Accommodation services	12.2	69.24	102.82	221.41	75.93	-65.7	-26.2	9.7	29.6
Miscellaneous goods and services	1,222.6					0.1	0.8	1.6	1.8
Personal care			99.67			0.2	0.6	2.9	2.0
Personal effects n.e.c.			96.61			-0.1	0.9	0.7	1.8
Social protection			126.67			0.0	5.3	5.3	13.9
Insurance	610.7	100.14	100.14	100.36	100.36	0.0	0.2	0.2	0.0
CPI			400 27	106.60	107.59	0.8	1.1	7.1	6.1



Table 17: Monthly & Yearly Effect on the Consumer Price Index per sector and category for February 2023 (Jun 2019 = 100)

DESCRIPTION	WEIGHT	Monthly	Ytd	End of period	Period average	
		Jan - Feb	Dec - Feb	Feb 22 - Feb 23	Feb 21/22 - Feb 22/	
	coefficient			12 months	24 months	
Food and non-alcoholic beverages	1,087.7	0.01	0.00	1.30	1.22	
Food	964.1	0.01	-0.03	1.16	1.11	
Non-alcoholic beverages	123.6	0.00	0.03	0.14	0.11	
Alcoholic beverages and tobacco	78.2	0.00	0.02	0.04	0.04	
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	0.00	
Clothing and footwear	276.8	0.14	-0.09	-0.05	0.08	
Clothing	212.8	0.07	-0.12	-0.09	0.07	
Footwear	64.0	0.07	0.04	0.04	0.01	
Housing	2,522.2	-0.14	0.11	3.11	1.73	
Actual rentals for housing	666.7	0.01	0.02	0.10	0.10	
Imputed rentals for housing	34.4	0.00	0.00	0.00	-0.02	
Maintenance and repair of the dwelling	517.0	-0.15	0.09	0.43	0.09	
Water supply and miscellaneous services relating to the dwelling Electricity, gas and other fuels	463.6 840.4	0.00	0.00	0.85 1.74	0.54 1.01	
Electricity, gas and other racis	040.4	0.00	0.00	21/4	1.01	
Household operation	929.2	0.16	0.75	0.90	0.44	
Furniture, furnishings, carpets and other floor coverings	128.8	0.00	0.13	0.25	0.10	
Household textiles	58.6	0.00	0.01	0.00	-0.01	
Household appliances	246.0	0.15	0.43	0.38	0.18	
Glassware, tableware and household utensils	17.2	-0.01	-0.02	0.00	0.00	
Tools and equipment for house and garden	58.2	-0.01	0.04	0.03	0.08	
Goods and services for routine household maintenance and cleaning	420.5	0.03	0.16	0.24	0.10	
Health  Medical products, appliances and equipment	<b>223.1</b> 152.3	<b>0.06</b> 0.06	<b>0.01</b> 0.00	<b>0.13</b> 0.07	<b>0.04</b> 0.00	
Out-patient services	52.4	0.00	0.00	0.05	0.04	
Other treatments	7.8	0.00	0.00	0.01	0.00	
Health products and services n.e.c.	10.5	0.00	0.00	0.00	-0.01	
riediti products and services in.e.c.	10.5	0.01	0.01	0.00	-0.01	
Transport	1,257.4	0.53	0.35	1.55	2.11	
Purchase of vehicles	442.6	-0.01	0.04	0.89	0.74	
Operation of personal transport equipment	763.3	0.53	0.40	0.66	1.30	
Transport services	51.5	0.00	-0.08	0.00	0.07	
Communications	849.6	-0.01	0.07	-0.59	-0.31	
Telephone and telefax equipment Telephone and telefax services	43.8 805.8	-0.01 0.00	-0.02 0.09	-0.15 -0.44	-0.06 -0.25	
receptione and telefax services	005.0	0.00	0.03	0.44	0.25	
Recreation and culture	1,013.3	0.21	-0.22	0.18	0.18	
Audio-visual, photographic and information processing equipment	58.5	-0.06	-0.07	-0.11	-0.01	
Other major durables for recreation and culture	20.0	0.01	0.01	-0.02	0.01	
Other recreational items and equipment; gardens and pets	266.6	0.00	-0.04	0.21	0.14	
Recreational and cultural services	309.1	0.00	0.02	0.04	0.03	
Newspapers, books and stationery	43.7	0.01	0.03	0.07	0.01	
Holidays	315.4	0.26	-0.18	0.00	-0.01	
Education	98.0	0.00	0.00	0.00	0.02	
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	0.02	
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.00	
Tertiary education	23.6	0.00	0.00	0.00	0.00	
Education not definable by level	2.5	0.00	0.00	0.00	0.00	
Restaurants and hotels	442.0	-0.14	0.04	0.35	0.31	
Catering services	429.8	0.02	0.07	0.34	0.28	
Accommodation services	12.2	-0.17	-0.03	0.01	0.02	
Miscellaneous goods and services	1,222.6	0.01	0.10	0.19	0.23	
Personal care	427.1	0.01	0.02	0.12	0.08	
Personal effects n.e.c.	106.6	0.00	0.01	0.01	0.02	
Social protection	78.2	0.00	0.05	0.05	0.12	
Insurance	610.7	0.00	0.01	0.01	0.00	
СРІ	10,000.0	0.84	1.15	7.12	6.09	
	10,000.0	0.04	1.13	7.12	0.09	



Table 18: Monthly & Yearly Changes (%) and effect in the Food & catering services for February 2023, Total Population (Jun 2019 = 100)

			ange		ect
RIPTION	WEIGHT	Monthly	End of period	Monthly	End of perio
		Jan - Feb	Feb 22 - Feb 23	Jan - Feb	Feb 22 - Feb 2
	coefficient		12 months		12 months
& catering services	1,517.5	0.2	10.5	0.037	1.644
ood at home	1,087.7	0.1	11.8	0.013	1.304
Bread and cereals	178.1	0.2	14.9	0.004	0.266
Rice	23.5	1.9			
			35.6	0.006	0.086
Bread	72.1	-1.5	9.8	-0.012	0.075
Pasta products	9.2	0.4	15.4	0.000	0.015
Other cereals and cereal products	73.3	1.4	13.2	0.010	0.090
Meat	242.5	-0.7	11.7	-0.018	0.301
Bovine	67.3	0.0	9.0	0.000	0.067
Swine	25.5	0.7	7.5	0.002	0.021
Poultry	75.7	-1.5	18.1	-0.013	0.138
Other meat and meat preparations	74.0	-0.8	9.6	-0.007	0.075
Fish and other seafood	49.0	-0.8	8.8	-0.004	0.045
Fish and seafood preparations	49.0	-0.8	8.8	-0.004	0.045
Milk, cheese and eggs	135.3	2.6	17.6	0.039	0.250
Cheese	55.4	1.3	10.7	0.008	0.063
Eggs	16.6	5.3	51.3	0.014	0.102
Milk	40.0	4.0	13.0	0.016	0.053
Other milk products	23.3	0.4	14.5	0.001	0.033
Oils and fats	32.2	-0.5	10.4	-0.002	0.038
Corn oil	2.8	1.1	13.0	0.000	0.005
Butter and margarine	9.2	-5.0	11.0	-0.005	0.011
Other oils and fats	20.1	1.3	9.8	0.003	0.022
Fruit	97.6	1.7	3.3	0.016	0.033
Oranges	9.4	-1.2	-4.0	-0.001	-0.005
Bananas and plantains	19.9	-1.0	7.8	-0.002	0.013
Apples	9.3	0.5	4.2	0.001	0.004
Avocado	5.0	2.4	6.0	0.001	0.002
Grapes	9.2	15.8	-5.0	0.014	-0.006
Nuts	11.9	0.3	4.9	0.000	0.005
Lemons and mandarins	6.0	5.7	-5.3	0.002	-0.003
Cherries and strawberries	8.8	0.6	6.0	0.001	0.008
Melons and watermelons	7.7	-1.6	7.6	-0.001	0.005
Papayas and pineapples	6.9	2.6	3.8	0.001	0.002
Other fruits and fruit products	3.5	-0.6	19.7	0.000	0.007
Potatoes and other tubers	18.2	1.6	12.8	0.002	0.018
Potatoes	12.2	1.4	7.6	0.001	0.006
Other tubers	2.0	2.7	19.6	0.001	0.004
Sweet potatoes and yucca	4.0	1.2	20.9	0.000	0.007
Vegetables	89.1	-5.2	11.4	-0.043	0.086
Lettuce	6.8	-44.0	-5.5	-0.023	-0.002
Tomatoes	9.7	-6.9	8.3	-0.007	0.008
Onions and garlic	18.7	1.9	6.2	0.003	0.010
Celery and broccoli	15.3	-14.2	13.9	-0.022	0.017
Other vegetables	15.3	0.7	17.3	0.001	0.023
Other preserved or processed vegetables	8.4	2.2	10.7	0.002	0.009
Frozen vegetable mixtures	14.8	2.2	15.9	0.003	0.022
	17.0		20.0	0.003	3.022
Sugar, jam, honey and other confectionery	42.0	1.8	10.5	0.008	0.046
Sugar	12.1	1.1	8.7	0.002	0.012
Jams and jellies	2.5	0.5	9.2	0.000	0.002
Other confectionery products	27.5	2.2	11.4	0.006	0.032
Food products n.e.c.	80.1	1.3	9.5	0.011	0.078
	80.1			0.011	0.078
Other food products	80.1	1.3	9.5	0.011	0.078
Non-alcoholic beverages	123.6	-0.1	11.2	-0.001	0.144
Coffee and tea	20.9	1.7	14.1	0.004	0.029
Other non-alcoholic beverages	14.6	0.3	3.7	0.000	0.006
Soft and sports drinks	31.0	0.2	12.4	0.001	0.041
Fruit juices	57.1	-0.9	11.4	-0.006	0.069
ood away from home	429.8	0.5	7.4	0.024	0.340
Food and beverage consumption away from home	429.8	0.5	7.4	0.024	0.340
goods and services	8,482.5	1.0	6.5	0.804	5.479
Other goods	4,735.8	1.1	11.1	0.550	5.174
Other services	3,746.7	0.7	0.8	0.254	0.305
Carrel Services	3,740.7	0.7	0.0	0.234	0.303

Table 19: CPI: Main indices for February 2023, Total Population (Jun 2019 = 100)

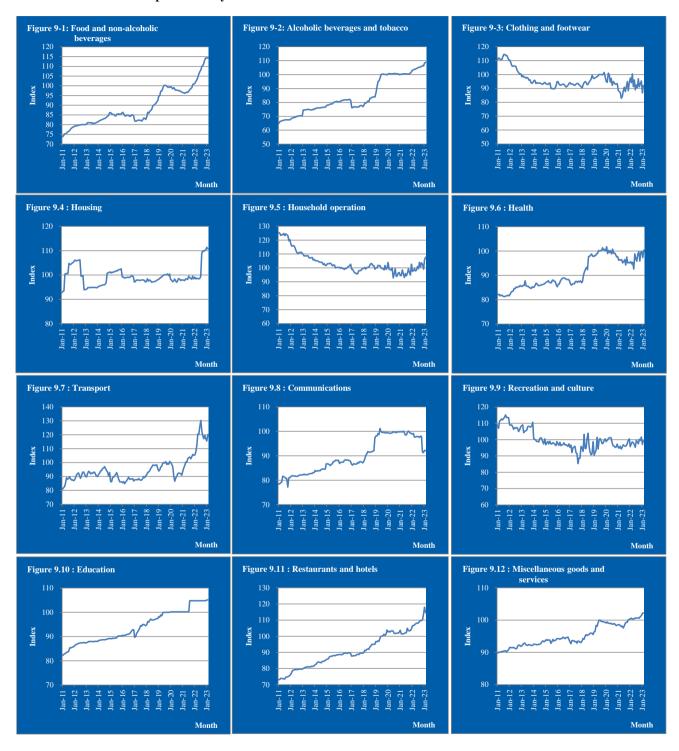
DESCRIPTION	WEIGHT	2022	2022	2022	2023	Monthly	Ytd	End of period	Period average
		Feb	Dec	Jan	Feb	Jan - Feb	Dec - Feb	Feb 22 - Feb 23	Feb 21/22 - Feb 22/23
	coefficient							12 months	24 months
CPI for "All items"	10,000.0	100.44	106.37	106.69	107.59	0.8	1.1	7.1	6.1
CPI for "Goods"	5,823.4	99.13	108.82	109.27	110.31	0.9	1.4	11.3	9.2
CPI for "Durable goods"	1,294.8	99.23	104.96	107.34	108.83	1.4	3.7	9.7	7.2
CPI for "Semi-durable goods"	635.9	91.41	92.31	89.98	92.05	2.3	-0.3	0.7	1.3
CPI for "Non-durable goods"	3,892.8	100.36	112.80	113.07	113.78	0.6	0.9	13.4	11.0
CPI for "Services"	4,176.6	102.25	102.96	103.09	103.80	0.7	0.8	1.5	2.0
CPI for "Gasoline" and "Diesel"	460.6	117.23	121.45	117.54	126.37	7.5	4.1	7.8	21.8
CPI for "Energy"	1,638.1	100.09	116.60	115.50	117.98	2.2	1.2	17.9	16.0
CPI for "Food at home"	1,087.7	102.29	114.32	114.20	114.33	0.1	0.0	11.8	11.3
CPI excluding "Food and non-alcoholic beverages"	8,912.3	100.21	105.40	105.78	106.77	0.9	1.3	6.5	5.5
CPI excluding "Gasoline" and "Diesel"	9,539.4	99.63	105.64	106.17	106.68	0.5	1.0	7.1	5.2
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	99.28	104.53	105.14	105.70	0.5	1.1	6.5	4.5
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	100.18	106.45	106.78	107.73	0.9	1.2	7.5	6.4
CPI excluding "Housing"	7,477.8	101.13	105.04	105.12	106.52	1.3	1.4	5.3	5.8
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	100.50	104.37	104.97	105.55	0.6	1.1	5.0	4.2

Source: Central Bureau of Statistics Aruba

Table 20: CPI: Effect on main indices for February 2023, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT	Monthly Jan - Feb	Ytd Dec - Feb	End of period Feb 22 - Feb 23	Period average Feb 21/22 - Feb 22/23
	coefficient			12 months	24 months
CPI for "All items"	10,000.0	0.84	1.15	7.12	6.09
CPI for "Goods"	5,823.4	0.56	0.81	6.48	5.26
CPI for "Durable goods"	1,294.8	0.18	0.47	1.24	0.92
CPI for "Semi-durable goods"	635.9	0.12	-0.02	0.04	0.07
CPI for "Non-durable goods"	3,892.8	0.26	0.36	5.20	4.27
CPI for "Services"	4,176.6	0.28	0.33	0.65	0.83
CPI for "Gasoline" and "Diesel"	460.6	0.38	0.21	0.42	1.12
CPI for "Energy"	1,638.1	0.38	0.21	2.92	2.59
CPI for "Food at home"	1,087.7	0.01	-0.03	1.16	1.11
CPI excluding "Food and non-alcoholic beverages"	8,912.3	0.83	1.15	5.82	4.87
CPI excluding "Gasoline" and "Diesel"	9,539.4	0.46	0.93	6.70	4.98
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	0.45	0.93	5.40	3.75
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	0.83	1.13	7.02	5.99
CPI excluding "Housing"	7,477.8	0.98	1.04	4.01	4.36
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	0.46	0.93	4.20	3.50

## Course of Indices for 2011 up to February 2023



# **Glossary**

#### The Consumer Price Index and Inflation

The Consumer Price Index (CPI) measures changes in prices of consumer goods and services by households. Consumer price indices can be intended to measure either the rate of price inflation or deflation as perceived by households or changes in their cost of living. In case of inflation, the percentage change is positive and it indicates a decrease in the purchasing power of the consumers.

## Monthly percentage change

Percentage change in price indices of any aggregates of the CPI in relation to the respective price indices of the previous month.

# Year-to-date (ytd)

Percentage change in price indices of any aggregates of the CPI in relation to the respective price indices of February prior to the year under review.

#### **End of period inflation (last 12 months)**

Percentage change in price indices of any aggregates of the CPI in relation to the respective price indices of the same month of the previous year.

## Period average inflation (last 24 months)

The period average inflation is calculated by comparing the annual average CPI of the concerning period with the annual average CPI of the concerning period of the previous year.

#### **Effect**

Contribution of all percentage changes (of all respective aggregates) to the CPI.

# **Core inflation**

Core inflation is a measure of inflation that excludes certain items, which face volatile price movements. Core inflation eliminates the inflation of certain products that can have temporary price shocks because these shocks can diverge from the overall trend of inflation and give a false measure of inflation. The core rate of inflation is calculated by: total inflation excluding food and energy prices. In part, that is because the core is less volatile and reflects better the relationship of supply and demand in domestic product markets. The core usually is a better measure of the basic rate of inflation that will tend to emerge in the absence of supply shocks.

#### Food & catering services

The "Food & catering services" index is composed of the indices for the "Food & Non-alcoholic beverages" sector ("Food at home") and the "Catering services" ("Food away from home") category.

# Subsistence level

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". The subsistence level is monthly updated for inflation using the monthly CPI.