Consumer Price Index

February 2024





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A note to the reader

he following report presents the price statistics for February 2024. 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 2024, the Consumer Price Index (CPI) increased by 0.2% compared to the index of January 2024. The sector which affected the CPI the most was "Transport" (2.5%), which led to an effect of 0.31 percentage points (ppts) on the Δ CPI of February 2024 (0.2%). Compared to February 2023 the CPI increased by 0.9%. The sector which affected the CPI the most was "Communications" (20.8%), which led to an effect of 1.52 ppts. The period average inflation for the periods February 2022 to February 2023 and February 2023 to February 2024 is 2.4%, which is 3.7 ppts lower compared to the period average inflation for the periods February 2020 to February 2021 and February 2022 to February 2023 (6.1%). Utilities (Water and Electricity) did not register price changes in February 2024. The price of gasoline registered an increase of 5.4% in February 2024 and had an effect of 0.24 ppts. The price of diesel registered an increase of 6.6% in February 2024 and contributed with an effect 0.02 ppts on the Δ CPI of February 2024.

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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1 Monthly change of the CPI

1.1 CPI and Inflation

The CPI of the total population of Aruba for the month of February 2024 is 108.57; an increase of 0.2% compared to the CPI of January 2024 (108.31). An overview of the percentage change in the CPI (Δ CPI) for different periods during 2023 and 2024 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 0.9%, while the inflation over a period of 24 months (period average inflation) is 2.4%.

Table 1: Overview of ∆ CPI

		% Changes		Inc	dex
Period		2023 2024		Last	Current
Monthly	Jan - Feb	0.8	0.2	108.31	108.57
Year-to-date	Dec - Feb	1.1	-0.2	108.79	108.57
Last 12 months ¹	Feb - Feb	7.1	0.9	107.59	108.57
Last 24 months ²	Feb - Feb	6.1	2.4	104.99	107.56

Source: Central Bureau of Statistics Aruba

¹ End of period inflation

² Period average inflation

Figure 1 depicts the monthly Δ CPI over a period of one year starting from February 2023, whereas the Δ CPI for the month February for the years 2015 to 2024 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 2024. The percentage change in index is further denoted as Δ I. The largest Δ I is observed for the "Clothing and footwear" sector with an increase of 5.1%.

1.3 Changes in categories and subcategories

The largest positive and negative Δ I is seen in the categories "Other major durables for recreation and culture" (9.7%) and "Accommodation services" (-38.1%). In the "Food and nonalcoholic beverages" sector decreases were observed for the categories "Food" (-0.8%) and "Non-alcoholic beverages" (-0.6%). In the "Housing" sector the major Δ I is observed for the category "Maintenance and repair of the dwelling" (-0.5%). In the "Transport" sector the major Δ I is observed for the category "Operation of personal transport equipment" (4.0%). In the "Recreation and culture" sector the major Δ I is observed for the category "Operation of personal transport equipment" (4.0%). In the

The categories which influenced the CPI calculation the most are "Operation of personal transport equipment", "Furniture, furnishings, carpets and other floor coverings", "Goods and

¹ 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. services for routine household maintenance and cleaning" and "Household appliances", which had an effect of respectively, 0.31,

-0.14, 0.14 and 0.14 ppts on the Δ 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 2023, December 2023, January 2024 and February 2024 together with corresponding weights per sector and the monthly, year-to-date (ytd), end of period and period average percentage changes for February 2024. 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 2024 is presented. The course of indices for 2012 – up to February 2024 is illustrated in Appendix 5.

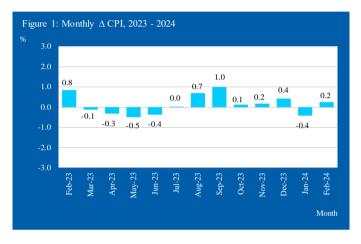
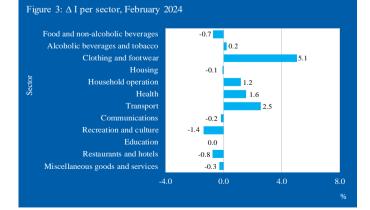


Figure 2: Monthly \triangle CPI for February, 2015 - 2024





COS CONSUMER PRICE INDEX ATUDA End of period change February 2024

2 End of period change of the CPI

2.1 End of period change CPI for February 2024

The CPI increased from 107.59 in February 2023 to 108.57 in February 2024, an increase of 0.9%. This Δ CPI is the second lowest registered over a period of 6 years for the month February, and is 6.2 ppts lower than the Δ CPI registered in 2023 (7.1%) (see table 2).

Table 2: End of period Δ CPI for February, 2019 - 2024

Period	Δ CPI	Index
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
2023-2024	0.9	108.57

Source: Central Bureau of Statistics Aruba

2.2 Changes in sector

An overview of the percentage change and effect per sector over the period February 2023 - February 2024 is presented in table 3. The largest Δ I is observed for the sector "Education" with an increase of 24.8%. Furthermore, (remarkable) increases of 20.8%, 4.4%, 3.6% and 2.4% are observed for the "Communications", "Restaurants and hotels", "Health" and "Miscellaneous goods and services" sectors, respectively. A comparison of the Δ I's for the years 2023 and 2024 is provided in figure 4.

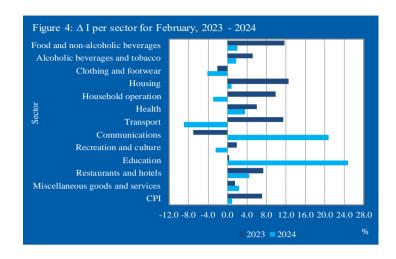
Table 3: Percentage change and effect for February, 2023 - 2024

Sector	% Change	Effect
Food and non-alcoholic beverages	2.0	0.24
Alcoholic beverages and tobacco	1.8	0.01
Clothing and footwear	-4.1	-0.10
Housing	0.8	0.21
Household operation	-2.9	-0.27
Health	3.6	0.07
Transport	-9.0	-1.26
Communications	20.8	1.52
Recreation and culture	-2.5	-0.23
Education	24.8	0.24
Restaurants and hotels	4.4	0.21
Miscellaneous goods and services	2.4	0.28
СРІ	0.9	0.91

Source: Central Bureau of Statistics Aruba

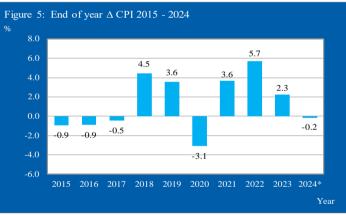
2.3 Changes in categories

The largest positive and negative Δ I in categories observed over a period of one year are respectively, "Pre-primary and primary education" (42.9%) and "Furniture, furnishings, carpets and other floor coverings" (-18.6%). 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 2015 - 2024

The end of year Δ CPI for the period 2015 - 2024 is shown in figure 5. The Δ CPI for 2024 is calculated by comparing the CPI of February 2024 with the CPI of December 2023. The ytd Δ CPI for February 2024 is -0.2%.



*ytd (year-to-date)

2.5 Period average change CPI for February 2024

The period average change CPI (Δ ACPI) for February 2024 is 2.4%. Table 4 provides an overview of the Δ ACPI for the month February for the years 2020 to 2024. The Δ ACPI for 2024 decreased by 3.7 ppts compared to 2023 (6.1%).

Table 4: Overview of Δ ACPI for February, 2020 - 2024

Period	Δ ΑCPI	Index
2019-2020	3.9	99.45
2020-2021	-2.2	97.30
2021-2022	1.7	98.96
2022-2023	6.1	104.99
2023-2024	2.4	107.56

Source: Central Bureau of Statistics Aruba

S Consumer Price Index Aruba Indices of main sectors and utilities

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 2024 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 6-2.

Table 5: Prices of utilities, gasoline and diesel, 2023 - 2024

		Total	Total				
	Crude oil	energy charge ²	energy charge ²				
Month	per barrel ¹	≤ 500 kWh	501-1000 kWh	Electricity ³	$Water^4$	$Gasoline^{5}$	Diesel⁵
Feb-23	76.99	38.53	39.65	294.56	168.73	262.50	260.30
Mar-23	73.51	38.53	39.65	294.56	168.73	257.60	234.80
Apr-23	79.51	38.53	39.65	294.56	168.73	262.40	231.50
May-23	71.86	35.80	36.84	274.57	168.73	266.70	221.50
Jun-23	70.12	35.80	36.84	274.57	168.73	255.90	209.10
Jul-23	75.57	35.80	36.84	274.57	168.73	256.40	212.50
Aug-23	81.34	35.80	36.84	274.57	168.73	268.80	225.60
Sep-23	88.11	35.80	36.84	274.57	168.73	283.70	251.70
Oct-23	85.94	35.80	36.84	274.57	168.73	277.90	260.80
Nov-23	78.48	35.80	36.84	274.57	168.73	248.60	247.80
Dec-23	72.61	35.80	36.84	274.57	168.73	237.70	227.20
Jan-24	73.56	35.80	36.84	274.57	168.73	232.90	213.60
Feb-24	76.93	35.80	36.84	274.57	168.73	245.40	227.80

Source: Central Bureau of Statistics Aruba

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

² Total energy charge in Afl. cents per kWh

³ Electricty price in Afl.

⁴ Water price in Afl.

⁵ Gasoline and diesel prices in Afl. cents per liter

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 2024, it remained at Afl. 274.57. Figure 6-1 provides an overview of the course of changes in the electricity price for the period 2015 to 2023.

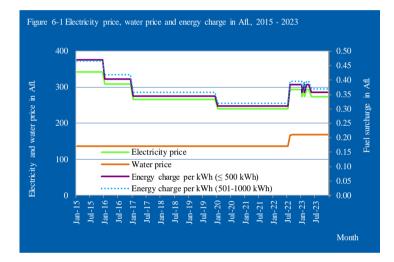
The total energy charge per kWh for a usage of electricity up to 500 kWh did not change in February 2024, it stayed at Afl. 35.80 cents per kWh. The total energy charge per kWh for a usage of electricity between 501 - 1000 kWh did not change in February 2024, it stayed at Afl. 36.84 cents per kWh.

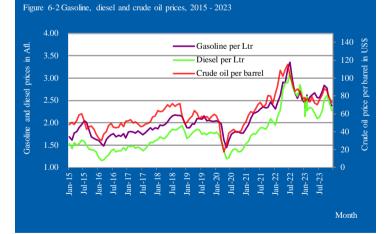
3.3 Water

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 2024, it remained at Afl. 168.73.

3.4 Gasoline and Diesel

The retail price of gasoline increased by 5.4% from 232.9 cents per liter in January 2024 to 245.4 cents per liter in February 2024. In February 2024, the retail price of diesel registered an increase of 6.6% from 213.6 cents per liter in January 2024 to 227.8 cents per liter in February 2024.





CDS **CONSUMER PRICE** INDEX ARUDA CPI of Aruba's major trading partners

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 Δ CPI of Aruba's major trading partners starting from February 2023. In February 2024 the Δ CPI of the USA and the Netherlands were 0.6% and 0.7%, respectively. The Δ CPI of Curaçao for February 2024 is not yet available.

Table 6: Monthly Δ CPI 2023 - 2024 per Country

Period	Aruba	USA	Curaçao	Netherlands
Feb-23	0.8	0.6	0.3	1.0
Mar-23	-0.1	0.3	0.1	0.2
Apr-23	-0.3	0.5	0.3	1.0
May-23	-0.5	0.3	0.3	0.2
Jun-23	-0.4	0.3	0.2	-0.3
Jul-23	0.0	0.2	0.3	1.0
Aug-23	0.7	0.4	0.4	0.4
Sep-23	1.0	0.2	0.9	-0.4
Oct-23	0.1	0.0	1.2	0.4
Nov-23	0.2	-0.2	0.7	-1.0
Dec-23	0.4	-0.1	0.2	0.0
Jan-24	-0.4	0.5	n.a.	0.5
Feb-24	0.2	0.6	n.a.	0.7

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

CBS Curaçao and CBS Netherlands

The USA is considered Aruba's largest trading partner². Table 7 provides an overview of the Δ CPI for Aruba and the USA in February 2024. Aruba's monthly Δ CPI for February 2024 is 0.4 ppts lower than the Δ CPI of the USA.

Table 7: Overview of △ CPI, 2024

Period		Aruba	USA		
Monthly	Jan - Feb	0.2	0.6		
Year-to-date	Dec - Feb	-0.2	1.2		
Last 12 months ¹	Feb - Feb	0.9	3.2		
Last 24 months ²	Feb - Feb	2.4	3.6		
Source: Central Bureau of Statistics Aruba					

Source: Central Bureau of Statistics Aruc

¹ End of period inflation

² Period average inflation

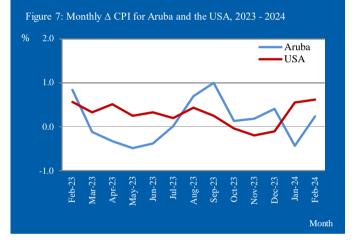
The Δ CPI of Aruba over the last 12 months is 2.3 ppts lower than the USA's 12-month Δ CPI. The Δ CPI over the last 24 months for Aruba is 1.2 ppts lower than the Δ CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the end of year Δ CPI over the period 2014 - 2024 for Aruba and the USA is provided in table 8 and figure 8.

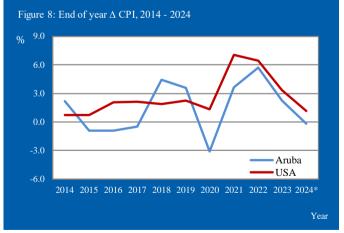
Table 8: End of year △ CPI, 2014 - 2024

Period	Aruba	USA
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	2.3	3.4
2024*	-0.2	1.2

Source: Central Bureau of Statistics Aruba

* ytd





 $^{^2\,}$ In 2023, 50% of Aruba's total Import by sea and air originated from the USA" (Source: Foreign Trade Statistics, Month in review Report, December 2023).

CDS Consumer Price Index Aruba

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 2024 the core inflation (measured over the period February 2022 - 2024) was 2.7%. In February 2024 the food index was 4.7%, while the energy index shows an increase of 0.3%.

Table 9: Monthly inflation¹ and core inflation, 2023 - 2024

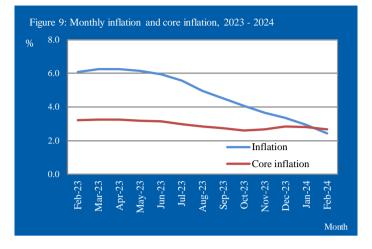
				Core
Period	Inflation	Food	Energy ²	Inflation
Feb-23	6.1	11.6	16.0	3.2
Mar-23	6.2	11.9	16.5	3.3
Apr-23	6.3	11.9	16.5	3.3
May-23	6.1	11.7	16.3	3.2
Jun-23	5.9	11.2	15.3	3.2
Jul-23	5.6	10.6	14.0	3.0
Aug-23	4.9	9.9	11.3	2.8
Sep-23	4.5	9.2	9.3	2.7
Oct-23	4.1	8.4	7.7	2.6
Nov-23	3.7	7.4	5.6	2.7
Dec-23	3.4	6.3	3.8	2.9
Jan-24	2.9	5.5	2.1	2.8
Feb-24	2.4	4.7	0.3	2.7

Source: Central Bureau of Statistics Aruba

¹ Period average inflation

² Energy : Electricity, water, gasoline and diesel

The monthly inflation and core inflation for Aruba is shown in figure 9 over a period of one year starting from February 2023.



5.3 End of year change of the core inflation, 2019 - 2024

The end of year core inflation of the total population of Aruba for the year 2024 (up to February) is 2.7%, a decrease of 0.2 ppts compared to the core inflation of 2023. Table 10 provides an overview of the end of year inflation and core inflation over the period 2019 - 2024.

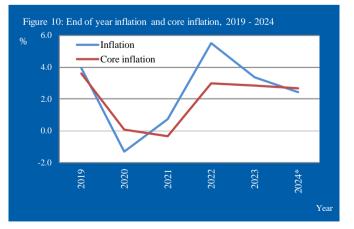
The end of year inflation and core inflation is presented in figure 10 over the period 2019 - 2024.

Table 10: End of year core inflation, 2019 - 2024

Period	2019	2020	2021	2022	2023	2024*
Inflation	3.9	-1.3	0.7	5.5	3.4	2.4
Food	10.5	-0.8	-0.3	10.5	6.3	4.7
Electricity	2.1	-9.2	0.0	9.5	7.0	2.2
Water	2.1	0.5	0.0	9.6	12.4	8.5
Gasoline and diesel	1.0	-12.3	25.6	24.8	-6.0	-7.9
Core inflation	3.6	0.1	-0.3	3.0	2.9	2.7

Source: Central Bureau of Statistics Aruba

*current month



6 Development of Food & catering services

6.1 Monthly change of Food & catering services for February 2024

The "Food & catering services" index showed a decrease of 0.5% in February 2024, after an increase of 1.0% in January 2024. The index for "Food at home" showed a decrease of 0.7% in February, as seven (7) of the eleven (11) "Food at home" indices decreased in February 2024. The "Fruit" index registered the largest decrease (-5.0%) in February 2024. Furthermore, other significant decreases were posted in the indices for "Vegetables" (-2.5%), "Potatoes and other tubers" (-1.7%) and "Milk, cheese and eggs" (-0.9%). The largest increase in February 2024 was registered for the index of "Sugar, jam, honey and other confectionery" (0.7%).

The index for "Food away from home" shows an increase of 0.1% in February 2024, the same increase as in January 2024.

Table 11 provides an overview of the corresponding weights per food group together with the percentage changes and effect for February 2024.

Table 11: Percentage change of Food for February 2024

		Monthly		Year	ly
Food	Weight	% Change	Effect	% Change	Effect
Food & catering services	1,492.8	-0.5	-0.081	2.8	0.458
Food at home	1,125.3	-0.7	-0.087	2.0	0.235
Bread and cereals	205.2	0.1	0.003	4.3	0.083
Meat	229.8	-0.1	-0.003	-2.0	-0.053
Fish and other seafood	56.4	-0.4	-0.002	-2.1	-0.011
Milk, cheese and eggs	140.0	-0.9	-0.014	2.0	0.031
Oils and fats	31.6	0.4	0.002	0.6	0.002
Fruit	72.0	-5.0	-0.050	-1.1	-0.010
Potatoes and other tubers	18.5	-1.7	-0.003	1.4	0.002
Vegetables	75.7	-2.5	-0.020	1.1	0.009
Sugar, jam, honey and other confectionery	49.6	0.7	0.003	12.0	0.054
Food products n.e.c.	82.7	0.6	0.005	9.1	0.076
Non-alcoholic beverages	163.9	-0.6	-0.008	3.8	0.019
Food away from home	367.5	0.1	0.006	4.8	0.223
Other goods and services	8,507.2	0.4	0.319	0.5	0.454
Other goods	5,147.2	0.7	0.308	-2.9	-1.384
Other services	3,360.0	0.0	0.011	5.2	1.838
СРІ	10,000.0	0.2	0.238	0.9	0.913

Source: Central Bureau of Statistics Aruba

In February 2024, "Food at home" and "Food away from home" as a group showed a decrease in price of 0.5% compared to January 2024, and had an effect of -0.08 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.4%, causing an effect of 0.32 ppts on the CPI.

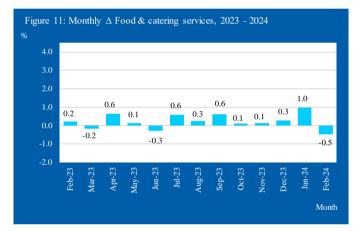
An overview of the percentage change and effect for "Food at home" and "Food away from home" for February 2024 is presented in table 12.

Table 12: Effect on the CPI of February 2024 of "Food at home" and "Food away from home"

Weight	% Change	Effect
1,087.7	-0.7	-0.09
429.8	0.1	0.01
1,517.5	-0.5	-0.08
8,482.5	0.4	0.32
10,000.0	0.2	0.24
	1,087.7 429.8 1,517.5 8,482.5	1,087.7 -0.7 429.8 0.1 1,517.5 -0.5 8,482.5 0.4

Source: Central Bureau of Statistics Aruba

Figure 11 depicts the monthly Δ Food and catering services over a period of one year starting from February 2023.



6.2 End of Period change of Food & catering services for February 2024

Over the last 12 months, the "Food & catering services" increased by 2.8%. The "Food at home" index showed an increase of 2.0%, where eight (8) of the "Food at home" food groups increased over the period.

The "Sugar, jam, honey and other confectionery" index increased by 12.0%, 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." (9.1%), "Bread and cereals" (4.3%), "Non-alcoholic beverages" (3.8%) and "Milk, cheese and eggs" (2.0%). The largest decrease during this period was registered in the index for "Fish and other seafood" (-2.1%).

The index for "Food away from home" increased by 4.8% over the last 12 months.

Table 18 provides an overview of the monthly and end of period percentage changes and effect for February 2024 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 December 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 years).

7.2 Monthly change of the subsistence level for February 2024

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. 69, from Afl. 5,393 in February 2023 to Afl. 5,462 in February 2024. The "Food and non-alcoholic beverages" (Afl. 45) and "Communications" (Afl. 29) 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, 2020 - 2024

						Change in Afl.			
Sector	Feb-20	Feb-21	Feb-22	Feb-23	Feb-24	Feb-23 - Feb-24			
Food and non-alcoholic beverages	1,934	1,883	1,997	2,233	2,278	45			
Clothing and footwear	258	239	257	251	241	-10			
Housing	1,446	1,446	1,453	1,636	1,649	13			
Household operation	110	105	109	120	116	-4			
Health	82	80	78	83	86	3			
Transport	288	280	313	349	318	-31			
Communications	151	152	151	141	170	29			
Recreation and culture	166	158	163	166	162	-4			
Education	74	74	78	78	97	19			
Miscellaneous goods and services	328	325	332	337	345	8			
Total	4,836	4,742	4,931	5,393	5,462	69			
Source: Central Bureau of Statistics Aruba									

An overview of the subsistence level, for the most common family types, over the period February 2023 - February 2024 is presented in table 14.

Table 14: Subsistence level in Aruba (in Afl.) by family size and composition, February 2024 (Base period October 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-23	2,568	3,339	3,852	4,623	5,393				
Mar-23	2,565	3,334	3,847	4,616	5,386				
Apr-23	2,564	3,333	3,845	4,615	5,384				
May-23	2,550	3,315	3,824	4,589	5,354				
Jun-23	2,541	3,303	3,812	4,574	5,336				
Jul-23	2,540	3,302	3,810	4,572	5,334				
Aug-23	2,554	3,320	3,831	4,598	5,364				
Sep-23	2,585	3,360	3,877	4,653	5,428				
Oct-23	2,587	3,363	3,880	4,656	5,432				
Nov-23	2,594	3,372	3,891	4,669	5,447				
Dec-23	2,600	3,380	3,900	4,680	5,460				
Jan-24	2,601	3,381	3,901	4,681	5,462				
Feb-24	2,601	3,381	3,901	4,682	5,462				

Source: Central Bureau of Statistics Aruba

7.3 Comparison of the subsistence level and minimum wage

In February 2024 the subsistence level for a single adult household is Afl. 2,601, which represents an income deficit of Afl. 615, a decrease of Afl. 60 compared to the deficit observed one year ago (Afl. 675). This deficit is the second 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, 2019 - 2024

		Minimum	
Period	1 adult	wage	Surplus/deficit
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
2024	2,601	1,986	-615

Source: Central Bureau of Statistics Aruba

CDS Consumer Price Index Aruba Appendix 1

Table 16: Monthly & Yearly Changes (%) in the Consumer	Price Index	for Fe	ebruary	, 2024,	Total	Population (Jun 20	19 = 100)

able 16: Monthly & Yearly Changes (%) in the Consumer Price Index for February 2024, Total Population (Jun 2019 = 100)									
DESCRIPTION	WEIGHT	2023	2023	2024	2024	Monthly	Ytd	End of period	Period average
		Feb	Dec	Jan	Feb	Jan - Feb	Dec - Feb	Feb 23 - Feb 24	Feb 22/23 - Feb 23/24
	coefficient							12 months	24 months
Food and any place its barranse	1 007 7		445.00					2.0	5.0
Food and non-alcoholic beverages Food	1,087.7		115.99 115.38			- 0.7 -0.8	0.6 0.6	2.0 1.8	5.0 4.7
Food Non-alcoholic beverages									
Non-aiconolic beverages	123.6	110.05	120.73	121.84	121.14	-0.6	0.3	3.8	7.2
Alcoholic beverages and tobacco	70 2	100 01	110.09	110 56	110 79	0.2	0.6	1.8	4.3
Alcoholic beverages for consumption at home			108.28			0.1	0.5	1.8	3.7
Tobacco			117.14			0.6	1.1	1.9	6.6
	10.0	110.25	117.14	117.75	110.42	0.0	1.1	1.5	0.0
Clothing and footwear	276.8	92.11	92.15	84.06	88.32	5.1	-4.2	-4.1	-5.1
Clothing		92.04	93.25	85.74	89.33	4.2	-4.2	-2.9	-6.5
Footwear	64.0	92.35	88.50	78.50	84.94	8.2	-4.0	-8.0	-0.1
Housing	2,522.2	110.76	111.36	111.72	111.64	-0.1	0.3	0.8	4.8
Actual rentals for housing	666.7	105.61	106.92	107.06	107.19	0.1	0.2	1.5	1.5
Imputed rentals for housing	34.4	94.59	94.59	94.59	94.59	0.0	0.0	0.0	0.9
Maintenance and repair of the dwelling	517.0	108.40	120.29	121.89	121.32	-0.5	0.9	11.9	9.4
Water supply and miscellaneous services relating to the dwelling	463.6	120.59	121.83	121.83	121.83	0.0	0.0	1.0	7.8
Electricity, gas and other fuels	840.4	111.55	104.30	104.30	104.30	0.0	0.0	-6.5	2.8
Household operation	929.2	107.70	104.24	103.34	104.57	1.2	0.3	-2.9	1.8
Furniture, furnishings, carpets and other floor coverings	128.8	92.19	75.66	87.24	75.09	-13.9	-0.8	-18.6	-3.2
Household textiles	58.6	77.16	68.51	68.68	70.68	2.9	3.2	-8.4	-6.6
Household appliances	246.0	118.46	112.65	102.85	108.83	5.8	-3.4	-8.1	-1.2
Glassware, tableware and household utensils	17.2	68.24	60.96	59.30	57.99	-2.2	-4.9	-15.0	-17.6
Tools and equipment for house and garden	58.2	137.45	140.37	139.85	133.59	-4.5	-4.8	-2.8	6.8
Goods and services for routine household maintenance and cleaning	420.5	107.91	109.83	110.13	113.71	3.3	3.5	5.4	5.4
Health	223.1	100.37	103.40	102.38	103.98	1.6	0.6	3.6	3.8
Medical products, appliances and equipment	152.3	97.54	101.98	99.07	102.35	3.3	0.4	4.9	3.8
Out-patient services	52.4	106.09	107.85	109.27	109.01	-0.2	1.1	2.7	3.6
Other treatments			100.67			-0.3	0.8	1.9	2.0
Health products and services n.e.c.	10.5	113.45	103.87	116.40	104.30	-10.4	0.4	-8.1	4.8
Transport	1,257.4					2.5	0.3	-9.0	-4.6
Purchase of vehicles			100.39			0.2	-1.3	-18.0	-6.2
Operation of personal transport equipment			115.03			4.0	1.8	-4.0	-3.0
Transport services	51.5	84.67	90.26	82.03	80.52	-1.8	-10.8	-4.9	-16.7
Communications.	040.0	02.42						20.0	7.8
Communications			111.53			-0.2	-0.2	20.8	
Telephone and telefax equipment Telephone and telefax services		65.99	113.30	78.96		-5.3	-5.3	13.4	7.1
relephone and reletax services	805.8	95.54	115.50	115.50	115.50	0.0	0.0	21.1	7.8
Recreation and culture	1,013.3	00.26	100.02	09 70	96.92	-1.4	-3.1	-2.5	-2.3
Audio-visual, photographic and information processing equipment		78.51		74.52		-2.6	2.0	-7.6	-19.3
Other major durables for recreation and culture		89.47		93.80		9.7	9.3	15.0	-3.2
Other recreational items and equipment; gardens and pets			111.42			0.2	0.4	3.2	3.8
Recreational and cultural services			102.10	102.10	102.13	0.0	0.0	-0.9	-0.1
Newspapers, books and stationery			90.64			-17.5	-15.5	-18.0	4.2
Holidays			95.35		86.16	-3.0	-9.6	-7.8	-8.0
Education	98.0	105.12	131.23	131.23	131.23	0.0	0.0	24.8	14.3
Pre primary and primary education			142.86			0.0	0.0	42.9	25.0
Secondary education	43.4	110.44	145.73	145.73	145.73	0.0	0.0	32.0	17.7
Post-secondary non-tertiary education	4.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Tertiary education	23.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
Education not definable by level	2.5	120.00	120.00	120.00	120.00	0.0	0.0	0.0	10.2
Restaurants and hotels	442.0	114.55	119.15	120.58	119.65	-0.8	0.4	4.4	6.5
Catering services	429.8	115.65	120.95	121.09	121.24	0.1	0.2	4.8	7.3
Accommodation services	12.2	75.93	55.62	102.59	63.55	-38.1	14.3	-16.3	-29.1
Miscellaneous goods and services	1,222.6	102.19	104.93	104.95	104.63	-0.3	-0.3	2.4	2.9
Personal care	427.1	100.28	105.17	105.20	104.83	-0.4	-0.3	4.5	4.9
Personal effects n.e.c.	106.6	97.48	108.68	108.83	106.66	-2.0	-1.9	9.4	9.4
Social protection	78.2	133.33	133.33	133.33	133.33	0.0	0.0	0.0	4.3
Insurance	610.7	100.36	100.46	100.46	100.46	0.0	0.0	0.1	0.2
СРІ	10,000.0	107.59	108.79	108.31	108.57	0.2	-0.2	0.9	2.4
Source: Central Bureau of Statistics Aruba									



DESCRIPTION	WEIGHT	Monthly Jan - Feb	Ytd Dec - Feb	End of period Feb 23 - Feb 24	Period average Feb 22/23 - Feb 23/2	
	coefficient			12 months	24 months	
Food and some starke line besserver	1 007 7	0.00	0.07	0.24	0.57	
Food and non-alcoholic beverages Food	1,087.7 964.1	- 0.09 -0.08	0.07 0.06	0.24 0.18	0.57 0.47	
Non-alcoholic beverages	123.6	-0.03	0.00	0.05	0.47	
	125.0	0.01	0.00	0.05	0.05	
Alcoholic beverages and tobacco	78.2	0.00	0.00	0.01	0.03	
Alcoholic beverages for consumption at home	62.2	0.00	0.00	0.01	0.02	
Tobacco	16.0	0.00	0.00	0.00	0.01	
Clothing and footwear	276.8	0.11	-0.10	-0.10	-0.13	
Clothing	212.8	0.07	-0.08	-0.05	-0.12	
Footwear	64.0	0.04	-0.02	-0.04	0.00	
Housing	2,522.2	-0.02	0.07	0.21	1.21	
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	0.00	
Maintenance and repair of the dwelling	517.0	-0.03	0.05	0.62	0.48	
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.05	0.39	
Electricity, gas and other fuels	840.4	0.00	0.00	-0.57	0.23	
Household operation	929.2	0.11	0.03	-0.27	0.16	
Furniture, furnishings, carpets and other floor coverings	128.8	-0.14	-0.01	-0.20	-0.03	
Household textiles	58.6	0.01	0.01	-0.04	-0.03	
Household appliances	246.0	0.14	-0.09	-0.22	-0.03	
Glassware, tableware and household utensils	17.2	0.00	0.00	-0.02	-0.02	
Tools and equipment for house and garden	58.2	-0.03	-0.04	-0.02	0.05	
Goods and services for routine household maintenance and cleaning	420.5	0.14	0.15	0.23	0.23	
Health	223.1	0.03	0.01	0.07	0.08	
Medical products, appliances and equipment	152.3	0.05	0.01	0.07	0.05	
Out-patient services Other treatments	52.4	0.00	0.01	0.01 0.00	0.02	
Health products and services n.e.c.	7.8 10.5	-0.01	0.00	-0.01	0.00	
	10.5	0.01	0.00	0.01	0.01	
Transport	1,257.4	0.31	0.04	-1.26	-0.66	
Purchase of vehicles	442.6	0.01	-0.05	-0.89	-0.30	
Operation of personal transport equipment	763.3	0.31	0.14	-0.35	-0.27	
Transport services	51.5	-0.01	-0.05	-0.02	-0.08	
Communications	849.6	-0.02	-0.02	1.52	0.60	
Telephone and telefax equipment	43.8	-0.02	-0.02	0.04	0.02	
Telephone and telefax services	805.8	0.00	0.00	1.48	0.58	
Recreation and culture	1,013.3	-0.13	-0.29	-0.23	-0.22	
Audio-visual, photographic and information processing equipment	58.5	-0.01	0.01	-0.03	-0.10	
Other major durables for recreation and culture	20.0	0.02	0.02	0.03	-0.01	
Other recreational items and equipment; gardens and pets	266.6	0.01	0.01	0.09	0.10	
Recreational and cultural services	309.1	0.00	0.00	-0.03	0.00	
Newspapers, books and stationery	43.7	-0.07	-0.06	-0.07	0.02	
Holidays	315.4	-0.08	-0.27	-0.21	-0.22	
Education	98.0	0.00	0.00	0.24	0.14	
Pre primary and primary education	24.0	0.00	0.00	0.10	0.06	
Secondary education	43.4	0.00	0.00	0.14	0.08	
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	-0.04	0.02	0.21	0.30	
Catering services	442.0	-0.04	0.02	0.21	0.30	
Accommodation services	423.8	-0.04	0.01	-0.01	-0.03	
	12.2		5.01	0.01	0.05	
Miscellaneous goods and services	1,222.6	-0.04	-0.03	0.28	0.34	
Personal care	427.1	-0.01	-0.01	0.18	0.20	
Personal effects n.e.c.	106.6	-0.02	-0.02	0.09	0.09	
Social protection	78.2	0.00	0.00	0.00	0.04	
Insurance	610.7	0.00	0.00	0.01	0.01	
	10,000.0	0.24	-0.20	0.91	2.44	

ce: Central Bureau of St

Table 18: Monthly & Yearly Changes (%) and effect	t in the Food &			otal Population (Jun 2019 = 100) Effect			
DESCRIPTION	WEIGHT	% C Monthly	Change		End of period		
DESCRIPTION	WEIGHT	Jan - Feb	End of period Feb 23 - Feb 24	Monthly Jan - Feb	Feb 23 - Feb 24		
	coefficient		12 months		12 months		
Food & catering services	1,517.5	-0.5	2.8	-0.081	0.458		
Food at home	1,087.7	-0.7	2.0	-0.087	0.235		
Bread and cereals	178.1	0.1	4.3	0.003	0.083		
Rice	23.5	0.2	-0.4	0.001	-0.001		
Bread	72.1	-0.2	3.3	-0.002	0.026		
Pasta products Other cereals and cereal products	9.2 73.3	-0.5 0.6	7.1 7.0	-0.001 0.005	0.007 0.050		
Other cereals and cereal products	75.5	0.6	7.0	0.005	0.050		
Meat	242.5	-0.1	-2.0	-0.003	-0.053		
Bovine	67.3	0.0	-2.5	0.000	-0.019		
Swine	25.5	0.1	-4.7	0.000	-0.013		
Poultry	75.7	-0.5	-3.6	-0.004	-0.030		
Other meat and meat preparations	74.0	0.1	1.2	0.000	0.010		
Fish and other seafood	49.0	-0.4	-2.1	-0.002	-0.011		
Fish and seafood preparations	49.0	-0.4	-2.1	-0.002	-0.011		
Milk, cheese and eggs	135.3	-0.9	2.0	-0.014	0.031		
Cheese	55.4	0.1	1.6	0.001	0.010		
Eggs	16.6	-4.4	-6.9	-0.012	-0.019		
Milk	40.0	-0.1	7.1	-0.001	0.030		
Other milk products	23.3	-0.6	4.3	-0.002	0.010		
				0.000	0.000		
Oils and fats	32.2	0.4	0.6	0.002	0.002		
Corn oil	2.8	-1.3	-4.1	0.000	-0.002		
Butter and margarine	9.2	0.2	-7.0	0.000	-0.007		
Other oils and fats	20.1	0.8	4.6	0.002	0.011		
Fruit	97.6	-5.0	-1.1	-0.050	-0.010		
Oranges	9.4	-3.6	12.0	-0.005	0.014		
Bananas and plantains	19.9	-7.2	-10.6	-0.012	-0.018		
Apples	9.3	-1.2	-2.0	-0.001	-0.002		
Avocado	5.0	8.3	-1.6	0.003	-0.001		
Grapes	9.2	-4.4	3.3	-0.005	0.003		
Nuts	11.9	-0.6	6.6	-0.001	0.007		
Lemons and mandarins	6.0	-3.8	-13.3	-0.002	-0.006		
Cherries and strawberries	8.8	-14.2	1.0	-0.021	0.001		
Melons and watermelons	7.7	-3.0	-6.0	-0.002	-0.004		
Papayas and pineapples	6.9	-5.0	-2.0	-0.003	-0.001		
Other fruits and fruit products	3.5	-8.2	-12.3	-0.003	-0.005		
Potatoes and other tubers	18.2	-1.7	1.4	-0.003	0.002		
Potatoes	12.2	-2.0	-1.1	-0.002	-0.001		
Other tubers	2.0	0.6	10.8	0.000	0.003		
Sweet potatoes and yucca	4.0	-2.6	0.8	-0.001	0.000		
Vegetables	89.1	-2.5	1.1	-0.020	0.009		
Lettuce	6.8	-5.4	-24.4	-0.001	-0.007		
Tomatoes	9.7	-9.6	4.8	-0.010	0.004		
Onions and garlic	18.7	-2.5	9.2	-0.004	0.014		
-							
Celery and broccoli	15.3	-1.3	-10.0	-0.002	-0.013		
Other vegetables	15.3	-2.7	-3.9	-0.004	-0.006		
Other preserved or processed vegetables	8.4	0.0	5.1	0.000	0.004		
Frozen vegetable mixtures	14.8	0.8	8.0	0.001	0.012		
Sugar, jam, honey and other confectionery	42.0	0.7	12.0	0.003	0.054		
Sugar	12.1	1.1	24.6	0.002	0.034		
-							
Jams and jellies	2.5	1.4	4.7	0.000	0.001		
Other confectionery products	27.5	0.3	6.6	0.001	0.019		
Food products n.e.c.	80.1	0.6	9.1	0.005	0.076		
Other food products	80.1	0.6	9.1	0.005	0.076		
	00.1	0.0	3.1	0.005	0.070		
Non-alcoholic beverages	123.6	-0.6	3.8	-0.008	0.052		
Coffee and tea	20.9	-0.4	8.8	-0.001	0.019		
Other non-alcoholic beverages	14.6	-0.3	7.5	0.000	0.011		
Soft and sports drinks	31.0	0.0	2.5	0.000	0.009		
Fruit juices	57.1	-1.0	2.0	-0.007	0.012		
	-						
Food away from home	429.8	0.1	4.8	0.006	0.223		
Food and beverage consumption away from home	429.8	0.1	4.8	0.006	0.223		
Other set of the set o	o 400 -		<i>c</i> -		a		
Other goods and services	8,482.5	0.4	0.5	0.319	0.454		
Other goods	4,735.8	0.7	-2.9	0.308	-1.384		
Other services	3,746.7	0.0	5.2	0.011	1.838		
CDI	10.000	0.2	0.0	0.339	0.013		
CPI	10,000	0.2	0.9	0.238	0.913		

Table 18: Monthly & Yearly Changes (%) and effect in the Food & catering services for February 2024, Total Population (Jun 2019 = 100)

Table 19: CPI: Main indices for February 2024, Total Population (Jun 2019 = 100)

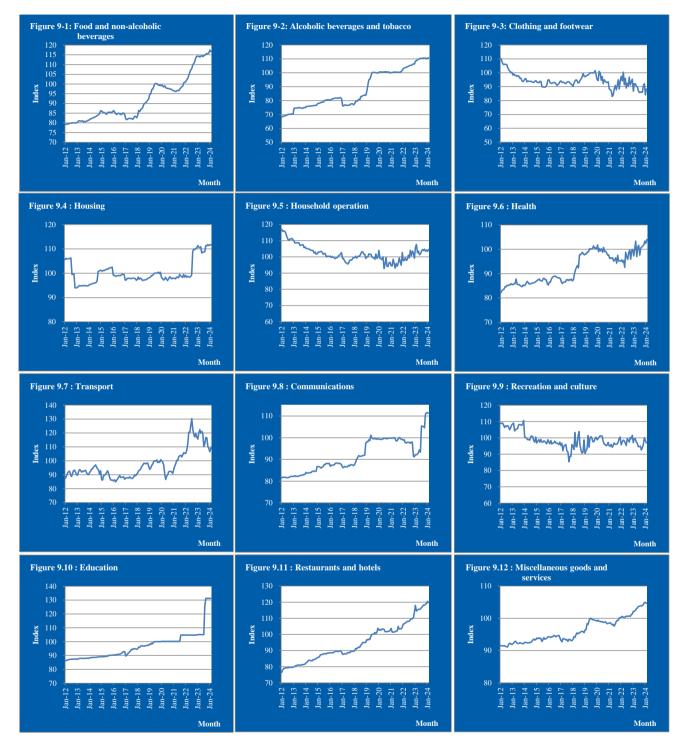
DESCRIPTION	WEIGHT	2023	2023	2024	2024	Monthly	Ytd	End of period	Period average
		Feb	Dec	Jan	Feb	Jan - Feb	Dec - Feb	Feb 23 - Feb 24	Feb 22/23 - Feb 23/24
	coefficient							12 months	24 months
CPI for "All items"	10,000.0	107.59	108.79	108.31	108.57	0.2	-0.2	0.9	2.4
CPI for "Goods"	5,823.4	110.31	108.24	107.77	108.18	0.4	-0.1	-1.9	1.7
CPI for "Durable goods"	1,294.8	108.83	105.62	104.37	104.39	0.0	-1.2	-4.1	-0.4
CPI for "Semi-durable goods"	635.9	92.05	90.41	85.90	87.85	2.3	-2.8	-4.6	-3.7
CPI for "Non-durable goods"	3,892.8	113.78	112.02	112.48	112.77	0.3	0.7	-0.9	3.1
CPI for "Services"	4,176.6	103.80	109.55	109.07	109.12	0.0	-0.4	5.1	3.5
CPI for "Gasoline" and "Diesel"	460.6	126.37	114.13	111.50	117.59	5.5	3.0	-7.0	-7.9
CPI for "Energy"	1,638.1	117.98	110.82	110.08	111.79	1.6	0.9	-5.2	0.3
CPI for "Food at home"	1,087.7	114.33	115.99	117.52	116.66	-0.7	0.6	2.0	5.0
CPI excluding "Food and non-alcoholic beverages"	8,912.3	106.77	107.91	107.19	107.59	0.4	-0.3	0.8	2.1
CPI excluding "Gasoline" and "Diesel"	9,539.4	106.68	108.53	108.16	108.14	0.0	-0.4	1.4	3.1
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	105.70	107.57	106.96	107.04	0.1	-0.5	1.3	2.8
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	107.73	108.92	108.40	108.67	0.2	-0.2	0.9	2.5
CPI excluding "Housing"	7,477.8	106.52	107.92	107.16	107.54	0.3	-0.4	1.0	1.7
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	105.55	108.39	107.97	107.94	0.0	-0.4	2.3	2.9

Table 20: CPI: Effect on main indices for February 2024, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT	Monthly	Ytd	End of period	Period average
		Jan - Feb	Dec - Feb	Feb 23 - Feb 24	Feb 22/23 - Feb 23/24
	coefficient			12 months	24 months
CPI for "All items"	10,000.0	0.24	-0.20	0.91	2.44
CPI for "Goods"	5,823.4	0.22	-0.03	-1.15	1.02
CPI for "Durable goods"	1,294.8	0.00	-0.15	-0.53	-0.05
CPI for "Semi-durable goods"	635.9	0.11	-0.15	-0.25	-0.20
CPI for "Non-durable goods"	3,892.8	0.11	0.27	-0.37	1.27
CPI for "Services"	4,176.6	0.02	-0.17	2.06	1.42
CPI for "Gasoline" and "Diesel"	460.6	0.26	0.15	-0.38	-0.47
CPI for "Energy"	1,638.1	0.26	0.15	-0.94	0.05
CPI for "Food at home"	1,087.7	-0.09	0.06	0.18	0.47
CPI excluding "Food and non-alcoholic beverages"	8,912.3	0.33	-0.26	0.68	1.88
CPI excluding "Gasoline" and "Diesel"	9,539.4	-0.02	-0.34	1.29	2.91
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	0.07	-0.41	1.05	2.34
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	0.23	-0.21	0.82	2.34
CPI excluding "Housing"	7,477.8	0.26	-0.26	0.71	1.24
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	-0.02	-0.34	1.86	2.40
Source: Central Bureau of Statistics Aruba	0,301.9	-0.02	-0.34	1.00	2.40

Appendix 5

Course of Indices for 2012 up to February 2024



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 December 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.