# **Consumer Price Index**

May 2024





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# A note to the reader

he following report presents the price statistics for May 2024. At the end of May 2024, the Consumer Price Index (CPI) shows a slight decrease of 0.03% compared to the index of April 2024. The sector which affected the CPI the most was "Recreation and culture" (-2.6%), which led to an effect of -0.24 percentage points (ppts) on the  $\Delta$  CPI of May 2024 (-0.03%). Compared to May 2023 the CPI increased by 2.6%. The sector which affected the CPI the most was "Communications" (18.0%), which led to an effect of 1.35 ppts. The period average inflation for the periods May 2022 to May 2023 and May 2023 to May 2024 is 1.8%, which is 4.3 ppts lower compared to the period average inflation for the periods May 2020 to May 2021 and May 2022 to May 2023 (6.1%). The monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) increased by Afl. 138, from Afl. 5,354 in May 2023 to Afl. 5,492 in May 2024. Utilities (Water and Electricity) did not register price changes in May 2024. The price of gasoline registered an increase of 0.8% in May 2024 and had an effect of 0.04 ppts. The price of diesel registered a decrease of 0.8% in May 2024 and contributed with an insignificant effect on the  $\Delta$  CPI of May 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. For other specific information contact us at CBS or visit www.cbs.aw. **Contact information:** Central Bureau of Statistics L.G. Smith Boulevard 160 Oranjestad - Aruba Phone: 524-7436 Fax: 583-8057 E-mail: LdSilva@cbs.aw

# 1 Monthly change of the CPI

# **1.1 CPI and Inflation**

The CPI of the total population of Aruba for the month of May 2024 is 109.41; a slight decrease of 0.03% compared to the CPI of April 2024 (109.45). An overview of the percentage change in the CPI ( $\Delta$  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 2.6%, while the inflation over a period of 24 months (period average inflation) is 1.8%.

#### Table 1: Overview of ∆ CPI

	% Changes		Inc	dex
	2023	2024	Last	Current
Apr - May	-0.5	-0.03	109.45	109.41
Dec - May	0.2	0.6	108.79	109.41
May - May	4.0	2.6	106.60	109.41
May - May	6.1	1.8	106.25	108.14
	Dec - May	2023           Apr - May         -0.5           Dec - May         0.2           May - May         4.0	2023         2024           Apr - May         -0.5         -0.03           Dec - May         0.2         0.6           May - May         4.0         2.6	2023         2024         Last           Apr - May         -0.5         -0.03         109.45           Dec - May         0.2         0.6         108.79           May - May         4.0         2.6         106.60

Source: Central Bureau of Statistics Aruba

<sup>1</sup> End of period inflation

<sup>2</sup> Period average inflation

Figure 1 depicts the monthly  $\Delta$  CPI over a period of one year starting from May 2023, whereas the  $\Delta$  CPI for the month May 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 May 2024. The percentage change in index is further denoted as  $\Delta$  I. The largest  $\Delta$  I is observed for the "Recreation and culture" sector with a decrease of 2.6%.

## 1.3 Changes in categories and subcategories

The largest positive and negative  $\Delta$  I is seen in the categories "Health products and services n.e.c." (12.1%) and "Telephone and telefax equipment" (-19.5%). In the "Food and non-alcoholic beverages" sector an increase was observed for the category "Food" (0.1%), while the category of "Non-alcoholic beverages" shows a decrease of 0.1%. In the "Housing" sector the major  $\Delta$  I is observed for the category "Maintenance and repair of the dwelling" (-0.6%). In the "Transport" sector the major  $\Delta$  I is observed for the category "Transport services" (6.2%). In the "Recreation and culture" sector the major  $\Delta$  I is observed for the category "Newspapers, books and stationery" (-9.4%)<sup>1</sup>.

The categories which influenced the CPI calculation the most are "Holidays", "Household appliances", "Tools and equipment for house and garden", "Furniture, furnishings, carpets and other floor coverings" and "Telephone and telefax equipment", which had an effect of respectively, -0.21, 0.18, -0.07, 0.07 and -0.07 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 May 2023, December 2023, April 2024 and May 2024 together with corresponding weights per sector and the monthly, year-to-date (ytd), end of period and period average percentage changes for May 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 May 2024 is presented. The course of indices for 2012 – up to May 2024 is illustrated in Appendix 5.



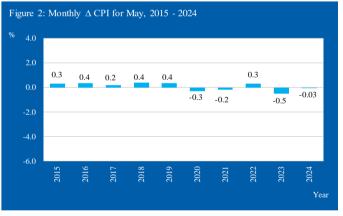
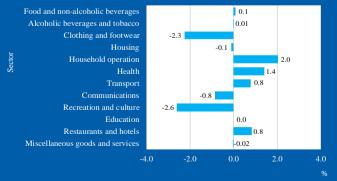


Figure 3:  $\Delta$  I per sector, May 2024



<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.

# COS CONSUMER Price INDEX Aruba End of period change May 2024

# 2 End of period change of the CPI

# 2.1 End of period change CPI for May 2024

The CPI increased from 106.60 in May 2023 to 109.41 in May 2024, an increase of 2.6%. This  $\Delta$  CPI is the third lowest registered over a period of 6 years for the month May, and is 2.4 ppts lower than the  $\Delta$  CPI registered in 2023 (4.0%) (see table 2).

#### Table 2: End of period $\Delta$ CPI for May, 2019 - 2024

Period	Δ CPI	Index
2018-2019	4.5	99.19
2019-2020	-0.9	97.64
2020-2021	-0.4	97.39
2021-2022	4.7	102.49
2022-2023	4.0	106.60
2023-2024	2.6	109.41

Source: Central Bureau of Statistics Aruba

## 2.2 Changes in sector

An overview of the percentage change and effect per sector over the period May 2023 - May 2024 is presented in table 3. The largest  $\Delta$  I is observed for the sector "Education" with an increase of 24.8%. Furthermore, (remarkable) increases of 18.0%, 5.9%, 3.4%, 2.5% and 2.4% are observed for the "Communications", "Restaurants and hotels", "Housing", "Miscellaneous goods and services" and "Food and non-alcoholic beverages" sectors, respectively. A comparison of the  $\Delta$  I's for the years 2023 and 2024 is provided in figure 4.

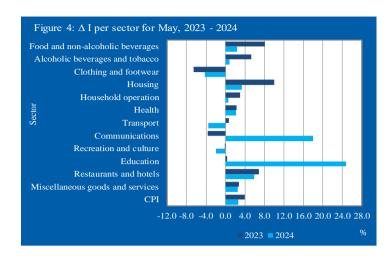
#### Table 3: Percentage change and effect for May, 2023 - 2024

Sector	% Change	Effect
Food and non-alcoholic beverages	2.4	0.28
Alcoholic beverages and tobacco	0.8	0.01
Clothing and footwear	-4.3	-0.10
Housing	3.4	0.86
Household operation	0.6	0.05
Health	2.2	0.05
Transport	-3.5	-0.51
Communications	18.0	1.35
Recreation and culture	-2.0	-0.18
Education	24.8	0.24
Restaurants and hotels	5.9	0.28
Miscellaneous goods and services	2.5	0.30
СРІ	2.6	2.64

Source: Central Bureau of Statistics Aruba

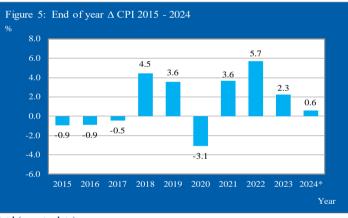
# 2.3 Changes in categories

The largest positive and negative  $\Delta$  I in categories observed over a period of one year are respectively, "Accommodation services" (135.3%) and "Telephone and telefax equipment" (-30.7%). 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  $\Delta$  CPI for the period 2015 - 2024 is shown in figure 5. The  $\Delta$  CPI for 2024 is calculated by comparing the CPI of May 2024 with the CPI of December 2023. The ytd  $\Delta$  CPI for May 2024 is 0.6%.



\*ytd (year-to-date)

## 2.5 Period average change CPI for May 2024

The period average change CPI ( $\Delta$  ACPI) for May 2024 is 1.8%. Table 4 provides an overview of the  $\Delta$  ACPI for the month May for the years 2020 to 2024. The  $\Delta$  ACPI for 2024 decreased by 4.3 ppts compared to 2023 (6.1%).

#### Table 4: Overview of ∆ ACPI for May, 2020 - 2024

Period	Δ ΑCPI	Index
2019-2020	2.6	99.30
2020-2021	-2.2	97.16
2021-2022	3.0	100.09
2022-2023	6.1	106.25
2023-2024	1.8	108.14

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 May 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 <sup>2</sup>	energy charge <sup>2</sup>				
Month	per barrel <sup>1</sup>	≤ 500 kWh	501-1000 kWh	Electricity <sup>3</sup>	Water <sup>4</sup>	Gasoline⁵	Diesel⁵
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
Mar-24	81.01	35.80	36.84	274.57	168.73	255.60	236.40
Apr-24	85.50	35.80	36.84	274.57	168.73	266.90	230.10
May-24	80.41	35.80	36.84	274.57	168.73	269.00	228.20

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> Electricty price in Afl.

<sup>4</sup> Water price in Afl.

<sup>5</sup> 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 May 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.

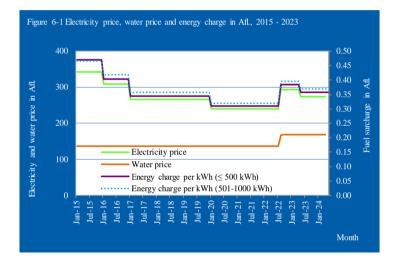
The total energy charge per kWh for a usage of electricity up to 500 kWh did not change in May 2024, it stayed at Afl. 35.80 cents per kWh. The total energy charge per kWh for a usage of electricity between 501 - 1000 kWh did not change in May 2024, it stayed at Afl. 36.84 cents per kWh.

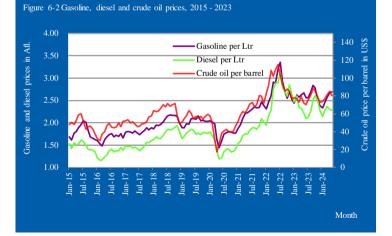
#### 3.3 Water

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 May 2024, it remained at Afl. 168.73.

#### **3.4 Gasoline and Diesel**

The retail price of gasoline increased by 0.8% from 266.9 cents per liter in April 2024 to 269.0 cents per liter in May 2024. In May 2024, the retail price of diesel registered a decrease of 0.8% from 230.1 cents per liter in April 2024 to 228.2 cents per liter in May 2024.





CDS CONSUMER PRICE INDEX AFUBA 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  $\Delta$  CPI of Aruba's major trading partners starting from May 2023. In May 2024 the  $\Delta$  CPI of the USA and the Netherlands were both 0.2%. The  $\Delta$  CPI of Curaçao for May 2024 is not yet available.

#### Table 6: Monthly ∆ CPI 2023 - 2024 per Country

Period	Aruba	USA	Curaçao	Netherlands
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
Mar-24	0.7	0.6	n.a.	0.5
Apr-24	0.1	0.4	n.a.	0.7
May-24	-0.03	0.2	n.a.	0.2

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

CBS Curaçao 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 May 2024. Aruba's monthly  $\Delta$  CPI for May 2024 is 0.2 ppts lower than the  $\Delta$  CPI of the USA.

#### Table 7: Overview of △ CPI, 2024

Period		Aruba	USA
Monthly	Apr - May	0.0	0.2
Year-to-date	Dec - May	0.6	2.4
Last 12 months <sup>1</sup>	May - May	2.6	3.3
Last 24 months <sup>2</sup>	May - May	1.8	3.3

Source: Central Bureau of Statistics Aruba

<sup>2</sup> Period average inflation

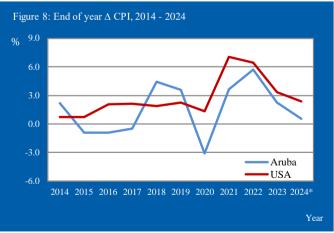
The  $\Delta$  CPI of Aruba over the last 12 months is 0.7 ppts lower than the USA's 12-month  $\Delta$  CPI. The  $\Delta$  CPI over the last 24 months for Aruba is 1.5 ppts lower than the  $\Delta$  CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the end of year  $\Delta$ CPI over the period 2014 - 2024 for Aruba and the USA is provided in table 8 and figure 8.

#### Table 8: End of year Δ 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*	0.6	2.4

Source: Central Bureau of Statistics Aruba \* ytd





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

 $<sup>^2\,</sup>$  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 May 2024 the core inflation (measured over the period May 2022 - 2024) was 2.7%. In May 2024 the food index was 3.0%, while the energy index shows a decrease of 2.7%.

#### Table 9: Monthly inflation<sup>1</sup> and core inflation, 2023 - 2024

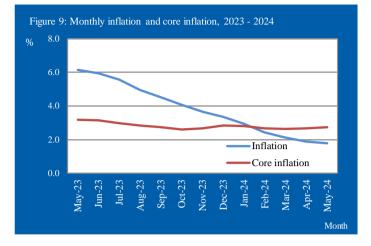
				Core
Period	Inflation	Food	Energy <sup>2</sup>	Inflation
May-23	6.1	11.7	16.3	3.2
Jun-23	5.9	11.2	15.3	3.2
Jul-23	5.6	10.6	14.0	3.0
Aug-23	4.9	9.9	11.3	2.8
Sep-23	4.5	9.2	9.3	2.7
Oct-23	4.1	8.4	7.7	2.6
Nov-23	3.7	7.4	5.6	2.7
Dec-23	3.4	6.3	3.8	2.9
Jan-24	2.9	5.5	2.1	2.8
Feb-24	2.4	4.7	0.3	2.7
Mar-24	2.1	4.0	-1.1	2.6
Apr-24	1.9	3.4	-2.1	2.7
May-24	1.8	3.0	-2.7	2.7

Source: Central Bureau of Statistics Aruba

<sup>1</sup> Period average inflation

<sup>2</sup> 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 May 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 May) 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.

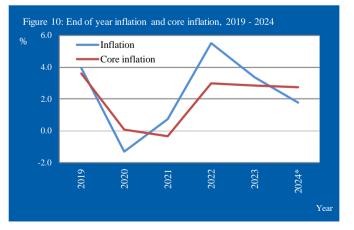
The end of year inflation and core inflation is presented in figure 10 over the period 2019 - 2024.

#### 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	1.8
Food	10.5	-0.8	-0.3	10.5	6.3	3.0
Electricity	2.1	-9.2	0.0	9.5	7.0	-3.3
Water	2.1	0.5	0.0	9.6	12.4	3.3
Gasoline and diesel	1.0	-12.3	25.6	24.8	-6.0	-6.2
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 **May 2024**

The "Food & catering services" index showed an increase of 0.3% in May 2024, after having increased also 0.3% in April 2024. The index for "Food at home" showed an increase of 0.1% in May, as four (4) of the eleven (11) "Food at home" indices increased in May 2024. The "Fruit" index registered the largest increase (1.6%) in May 2024. Furthermore, other significant increases were posted in the indices for "Vegetables" (0.5%) and "Meat" (0.5%). The largest decrease in May 2024 was registered for the index of

"Potatoes and other tubers" (-3.5%).

The index for "Food away from home" shows an increase of 0.8% in May 2024.

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

#### Table 11: Percentage change of Food for May 2024

		Mont	hly	Yearly	
Food	Weight	% Change	Effect	% Change	Effect
Food & catering services	1,492.8	0.3	0.050	3.0	0.493
Food at home	1,125.3	0.1	0.010	2.4	0.283
Bread and cereals	205.2	-0.2	-0.003	3.1	0.061
Meat	229.8	0.5	0.013	-0.6	-0.017
Fish and other seafood	56.4	-0.6	-0.003	-3.9	-0.020
Milk, cheese and eggs	140.0	-0.3	-0.005	3.3	0.052
Oils and fats	31.6	-0.9	-0.003	-2.6	-0.010
Fruit	72.0	1.6	0.015	3.8	0.037
Potatoes and other tubers	18.5	-3.5	-0.005	1.9	0.003
Vegetables	75.7	0.5	0.004	3.3	0.026
Sugar, jam, honey and other confectionery	49.6	0.0	0.000	10.6	0.049
Food products n.e.c.	82.7	-0.3	-0.003	5.1	0.045
Non-alcoholic beverages	163.9	-0.1	-0.001	4.2	0.017
Food away from home	367.5	0.8	0.040	4.5	0.211
Other goods and services	8,507.2	-0.1	-0.083	2.6	2.146
Other goods	5,147.2	0.1	0.040	0.4	0.187
Other services	3,360.0	-0.3	-0.122	5.5	1.959
СРІ	10,000.0	-0.03	-0.033	2.6	2.639

In May 2024, "Food at home" and "Food away from home" as a group showed an increase in price of 0.3% compared to April 2024, and had an effect of 0.05 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.1%, causing an effect of -0.08 ppts on the CPI.

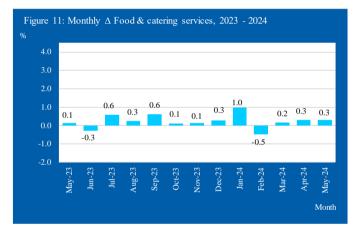
An overview of the percentage change and effect for "Food at home" and "Food away from home" for May 2024 is presented in table 12.

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

Weight	% Change	Effect
1,087.7	0.3	0.04
429.8	0.2	0.01
1,517.5	0.3	0.05
8,482.5	0.0	0.02
10,000.0	0.1	0.07
	1,087.7 429.8 1,517.5 8,482.5	1,087.7 0.3 429.8 0.2 1,517.5 0.3 8,482.5 0.0

Source: Central Bureau of Statistics Aruba

Figure 11 depicts the monthly  $\Delta$  Food and catering services over a period of one year starting from May 2023.



## 6.2 End of Period change of Food & catering services for May 2024

Over the last 12 months, the "Food & catering services" increased by 3.0%. The "Food at home" index showed an increase of 2.4%, where eight (8) of the "Food at home" food groups increased over the period.

The "Sugar, jam, honey and other confectionery" index increased by 10.6%, 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." (5.1%), "Non-alcoholic beverages" (4.2%), "Fruit" (3.8%), "Milk, cheese and eggs" (3.3%) and "Vegetables" (3.3%). The largest decrease during this period was registered in the index for "Fish and other seafood" (-3.9%).

The index for "Food away from home" increased by 4.5% over the last 12 months.

Table 18 provides an overview of the monthly and end of period percentage changes and effect for May 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 May 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 May. Over a period of one year the subsistence level increased by Afl. 138, from Afl. 5,354 in May 2023 to Afl. 5,492 in May 2024. The "Food and non-alcoholic beverages" (Afl. 54) and "Housing" (Afl. 54) 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 May, 2020 - 2024

						Change in Afl.
Sector	May-20	May-21	May-22	May-23	May-24	May-23 - May-24
Food and non-alcoholic beverages	1,917	1,888	2,070	2,238	2,292	54
Clothing and footwear	258	229	262	245	234	-11
Housing	1,452	1,452	1,452	1,599	1,653	54
Household operation	111	104	110	113	114	1
Health	83	78	81	83	85	2
Transport	252	292	350	353	340	-13
Communications	152	152	149	144	170	26
Recreation and culture	169	159	162	162	158	-4
Education	74	74	78	78	97	19
Miscellaneous goods and services	326	324	331	340	349	9
Total	4,794	4,752	5,046	5,354	5,492	138

Source: Central Bureau of Statistics Aruba

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

Table 14: Subsistence level in Aruba (in Afl.) by family size and composition, May 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					
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					
Mar-24	2,616	3,401	3,924	4,709	5,494					
Apr-24	2,618	3,403	3,927	4,712	5,497					
May-24	2,615	3,400	3,923	4,708	5,492					

Source: Central Bureau of Statistics Aruba

## 7.3 Comparison of the subsistence level and minimum wage

In May 2024 the subsistence level for a single adult household is Afl. 2,615, which represents an income deficit of Afl. 629, a decrease of Afl. 28 compared to the deficit observed one year ago (Afl. 657). This deficit is the second highest registered over a period of six years for the month May.

Tabel 15: Monthly income surplus/deficit (in Afl.) for

a single adult household for May, 2019 - 2024

		Minimum							
Period	1 adult	wage	Surplus/deficit						
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						
2024	2,615	1,986	-629						

Source: Central Bureau of Statistics Aruba

CDS Consumer Price Index Aruba Appendix 1

Table 16: Monthly & Yearly Changes (%) in the Consumer Price Index for May 2024, Total Population (Jun 2019 = 100)

Table 16: Monthly & Yearly Changes (%) in the Consumer Price index for May 2024, Total Population (Jun 2019 = 100)										
DESCRIPTION	WEIGHT		2023	2024	2024	Monthly	Ytd	End of period	Period average	
	<i></i>	May	Dec	Apr	May	Apr - May	Dec - May	May 23 - May 24	May 22/23 - May 23/24	
	coefficient							12 months	24 months	
Food and non-alcoholic beverages	1 087 7	114 59	115.99	117 25	117 36	0.1	1.2	2.4	3.4	
Food			115.38			0.1	1.2	2.2	3.0	
Non-alcoholic beverages			120.73			-0.1	1.0	4.2	6.4	
	120.0	110.50	120.75	121.50	121.50	0.1	1.0		0.11	
Alcoholic beverages and tobacco	78.2	109.95	110.09	110.80	110.81	0.0	0.7	0.8	3.2	
Alcoholic beverages for consumption at home			108.28			0.0	0.5	0.5	2.7	
Tobacco	16.0	116.68	117.14	118.62	118.62	0.0	1.3	1.7	5.2	
Clothing and footwear	276.8	89.74	92.15	87.87	85.88	-2.3	-6.8	-4.3	-4.1	
Clothing	212.8	91.15	93.25	88.01	86.32	-1.9	-7.4	-5.3	-5.0	
Footwear	64.0	85.03	88.50	87.40	84.42	-3.4	-4.6	-0.7	-0.8	
Housing	-		111.36			-0.1	0.5	3.4	2.5	
Actual rentals for housing			106.92			0.1	0.6	1.5	1.5	
Imputed rentals for housing			94.59			0.0	0.0	0.0	0.2	
Maintenance and repair of the dwelling			120.29			-0.6	1.5	14.8	11.4	
Water supply and miscellaneous services relating to the dwelling			121.83			0.0	0.0	0.0	3.5	
Electricity, gas and other fuels	840.4	104.30	104.30	104.30	104.30	0.0	0.0	0.0	-2.7	
Household exerction	020.2	101 26	104 24	00.02	101 04	2.0		0.6	0.7	
Household operation			104.24			2.0	-2.2	0.6	0.7	
Furniture, furnishings, carpets and other floor coverings Household textiles			75.66 68.51		85.36 67.59	7.9 -3.4	12.8 -1.3	6.3 -5.5	-2.6 -7.3	
Household appliances			112.65		96.54	-3.4	-1.3	-5.5	-7.5	
Glassware, tableware and household utensils			60.96			-3.5	-5.1	-2.0	-18.7	
Tools and equipment for house and garden			140.37			-10.2	-12.2	-6.4	3.5	
Goods and services for routine household maintenance and cleaning			109.83			0.1	3.6	4.7	5.2	
Health	223.1	101.10	103.40	101.88	103.31	1.4	-0.1	2.2	3.0	
Medical products, appliances and equipment	152.3	97.89	101.98	99.44	100.15	0.7	-1.8	2.3	3.2	
Out-patient services	52.4	107.51	107.85	108.81	110.13	1.2	2.1	2.4	2.6	
Other treatments	7.8	101.47	100.67	100.70	102.13	1.4	1.5	0.7	1.4	
Health products and services n.e.c.	10.5	115.36	103.87	103.42	115.90	12.1	11.6	0.5	2.4	
Transport	1,257.4	121.12	108.86	115.91	116.83	0.8	7.3	-3.5	-6.6	
Purchase of vehicles	442.6	124.07	100.39	108.98	109.46	0.4	9.0	-11.8	-13.6	
Operation of personal transport equipment			115.03			0.7	7.4	1.5	-2.3	
Transport services	51.5	87.89	90.26	76.09	80.83	6.2	-10.4	-8.0	-13.4	
Communications			111.53			-0.8	-0.1	18.0	13.9	
Telephone and telefax equipment			78.96			-19.5	-3.6	-30.7	1.1	
Telephone and telefax services	805.8	93.54	113.30	113.30	113.30	0.0	0.0	21.1	14.5	
Recreation and culture	1 012 2	06 97	100.02	07 /5	94.90	-2.6	-5.1	-2.0	-2.5	
Audio-visual, photographic and information processing equipment	-		71.18			1.4	15.1	13.8	-14.7	
Other major durables for recreation and culture	20.0		94.16			-2.3	-2.8	-7.0	-1.4	
Other recreational items and equipment; gardens and pets			111.42			0.2	0.0	3.0	2.4	
Recreational and cultural services			102.10			0.1	0.1	0.0	-0.4	
Newspapers, books and stationery	43.7	95.18	90.64	92.27	83.56	-9.4	-7.8	-12.2	0.2	
Holidays			95.35		77.94	-8.6	-18.3	-10.0	-7.9	
Education	98.0	105.12	131.23	131.23	131.23	0.0	0.0	24.8	20.5	
Pre primary and primary education	24.0	100.00	142.86	142.86	142.86	0.0	0.0	42.9	35.7	
Secondary education	43.4	110.44	145.73	145.73	145.73	0.0	0.0	32.0	25.6	
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	120.00	120.00	120.00	120.00	0.0	0.0	0.0	6.9	
Restaurants and hotels			119.15			0.8	2.7	5.9	6.1	
Catering services			120.95			0.8	1.4	4.5	6.3	
Accommodation services	12.2	47.16	55.62	110.06	110.99	0.8	99.6	135.3	-9.2	
							• -			
Miscellaneous goods and services			104.93			0.0	0.9	2.5	3.0	
Personal care			105.17			-0.1	-0.1	3.7	4.9	
Personal effects n.e.c.			108.68			0.1	9.9	14.0	11.2	
Social protection Insurance			133.33 100.46			0.0 0.0	0.0 0.0	0.0 0.1	3.0 0.2	
insurance	010.7	100.30	100.40	100.40	100.40	0.0	0.0	0.1	0.2	
CPI	10,000.0	106.60	108.79	109.45	109.41	-0.03	0.6	2.6	1.8	
Source: Central Bureau of Statistics Aruba	_0,000.0					0.00				

CDS Consumer Price Index Aruba Appendix 2

DESCRIPTION	WEIGHT	Monthly	Ytd	End of period	Period ave
		Apr - May	Dec - May	May 23 - May 24	May 22/23 - M
	coefficient			12 months	24 mont
Food and non-alcoholic beverages	1,087.7	0.01	0.14	0.28	0.39
Food	964.1	0.01	0.12	0.23	0.30
Non-alcoholic beverages	123.6	0.00	0.01	0.06	0.08
Alaskalis kayaragas and takarag	70.3	0.00	0.01	0.01	0.03
Alcoholic beverages and tobacco Alcoholic beverages for consumption at home	78.2 62.2	0.00 0.00	0.01	0.01	0.03 0.02
Tobacco	16.0	0.00	0.00	0.00	0.02
Clothing and footwear	276.8	-0.05	-0.16	-0.10	-0.10
Clothing	212.8	-0.03	-0.14	-0.10	-0.09
Footwear	64.0	-0.02	-0.02	0.00	0.00
Housing	2,522.2	-0.03	0.13	0.86	0.64
Actual rentals for housing	666.7	0.01	0.04	0.10	0.10
Imputed rentals for housing	34.4	0.00	0.00	0.00	0.00
Maintenance and repair of the dwelling	517.0	-0.04	0.09	0.76	0.59
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.00	0.18
Electricity, gas and other fuels	840.4	0.00	0.00	0.00	-0.23
Household operation	929.2	0.17	-0.20	0.05	0.07
Furniture, furnishings, carpets and other floor coverings	128.8	0.07	0.11	0.06	-0.03
Household textiles	58.6	-0.01	0.00	-0.02	-0.03
Household appliances	246.0	0.18	-0.36	-0.14	-0.10
Glassware, tableware and household utensils	17.2	0.00	0.00	0.00	-0.02
Tools and equipment for house and garden	58.2	-0.07	-0.09	-0.05	0.03
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.15	0.20	0.22
Health	222.1	0.03	0.00	0.05	0.06
Medical products, appliances and equipment	<b>223.1</b> 152.3	0.03	<b>0.00</b> -0.03	0.05 0.03	0.06 0.04
Out-patient services	52.4	0.01	0.01	0.01	0.01
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.01	0.01	0.00	0.00
Transport Purchase of vehicles	<b>1,257.4</b> 442.6	0.11 0.02	0.92 0.37	-0.51 -0.61	- <b>0.94</b> -0.68
Operation of personal transport equipment	763.3	0.06	0.60	0.13	-0.20
Transport services	51.5	0.02	-0.04	-0.03	-0.06
Communications	849.6	-0.07	-0.01	1.35	1.06
Telephone and telefax equipment Telephone and telefax services	43.8 805.8	-0.07 0.00	-0.01 0.00	-0.14 1.49	0.00
	005.0	0.00	0.00	1.45	1.05
Recreation and culture	1,013.3	-0.24	-0.48	-0.18	-0.23
Audio-visual, photographic and information processing equipment	58.5	0.01	0.06	0.05	-0.07
Other major durables for recreation and culture	20.0	0.00	0.00	-0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	0.01	0.00	0.08	0.06
Recreational and cultural services	309.1	0.00	0.00	0.00	-0.01
Newspapers, books and stationery	43.7	-0.03	-0.03	-0.05	0.00
Holidays	315.4	-0.21	-0.51	-0.26	-0.21
Education	98.0	0.00	0.00	0.24	0.20
Pre primary and primary education	24.0	0.00	0.00	0.10	0.08
Secondary education	43.4	0.00	0.00	0.14	0.12
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	0.12	0.30	0.28
Restaurants and notes Catering services	442.0 429.8	0.04 0.04	0.13 0.07	0.28 0.21	0.28
Accommodation services	429.8	0.04	0.07	0.21	-0.01
Miscellaneous goods and services	1,222.6	0.00	0.10	0.30	0.35
Personal care Personal effects n.e.c.	427.1 106.6	0.00	0.00	0.15	0.20
Social protection	78.2	0.00	0.00	0.15	0.11
Social protection	610.7	0.00	0.00	0.00	0.03

#### for May 2024 (Jun 2019 - 100)

rce: Central Bureau of Statistics

Table 18: Monthly & Yearly Changes (%) and effect in the Food & catering services for May 2024, Total Population (Jun 2019 = 100)										
		% (	Ef	fect						
DESCRIPTION	WEIGHT	Monthly	End of period	Monthly	End of period					
	coefficient	Apr - May	May 23 - May 24 12 months	Apr - May	May 23 - May 24 12 months					
Food & catering services	1,517.5	0.3	3.0	0.050	0.493					
Food at home	1,087.7	0.1	2.4	0.010	0.283					
Bread and cereals	178.1	-0.2	3.1	-0.003	0.061					
Rice	23.5	0.7	0.0	0.002	0.000					
Bread	72.1	-0.3	2.4	-0.002	0.019					
Pasta products	9.2	0.1	3.8	0.000	0.004					
Other cereals and cereal products	73.3	-0.4	5.1	-0.003	0.038					
Meat	242.5	0.5	-0.6	0.013	-0.017					
Bovine	67.3	-0.3	-2.4	-0.002	-0.018					
Swine Poultry	25.5 75.7	0.2	-2.5 1.1	0.001	-0.007 0.009					
Other meat and meat preparations	75.7	-0.3	-0.1	-0.002	-0.001					
other meat and meat preparations	74.0	-0.5	-0.1	-0.002	-0.001					
Fish and other seafood	49.0	-0.6	-3.9	-0.003	-0.020					
Fish and seafood preparations	49.0	-0.6	-3.9	-0.003	-0.020					
Milk, cheese and eggs	135.3	-0.3	3.3	-0.005	0.052					
Cheese	55.4	0.0	0.2	0.000	0.001					
Eggs	16.6	-0.8	16.0	-0.002	0.037					
Milk	40.0	-0.1	1.5	-0.002	0.007					
Other milk products	23.3	-0.1	2.9	-0.001	0.007					
other milk products	23.5	-0.8	2.5	-0.002	0.007					
Oils and fats	32.2	-0.9	-2.6	-0.003	-0.010					
Corn oil	2.8	-0.8	-3.0	0.000	-0.001					
Butter and margarine	9.2	-0.7	-5.2	-0.001	-0.005					
Other oils and fats	20.1	-1.0	-1.4	-0.002	-0.003					
Fruit	97.6	1.6	3.8	0.015	0.037					
Oranges	9.4	-1.2	9.5	-0.002	0.011					
Bananas and plantains	19.9	-4.5	-2.5	-0.007	-0.004					
Apples	9.3	2.9	-1.1	0.003	-0.001					
Avocado	5.0	20.7	30.2	0.009	0.012					
Grapes	9.2	7.4	30.7	0.008	0.029					
Nuts	11.9	-0.7	-0.2	-0.001	0.000					
Lemons and mandarins	6.0	9.2	-3.4	0.004	-0.002					
Cherries and strawberries	8.8	-2.1	-2.7	-0.003	-0.003					
Melons and watermelons	7.7	4.4	3.4	0.003	0.002					
Papayas and pineapples	6.9	3.1	-5.7	0.002	-0.003					
Other fruits and fruit products	3.5	-2.5	-11.3	-0.001	-0.004					
Potatoes and other tubers	18.2	-3.5	1.9	-0.005	0.003					
Potatoes	12.2	-6.5	4.0	-0.005	0.003					
Other tubers	2.0	0.0	4.2	0.000	0.001					
Sweet potatoes and yucca	4.0	0.4	-3.4	0.000	-0.001					
Vegetables	89.1	0.5	3.3	0.004	0.026					
Lettuce	6.8	10.3	-11.1	0.003	-0.004					
Tomatoes	9.7	4.3	21.4	0.004	0.019					
Onions and garlic	18.7	-3.7	-1.7	-0.006	-0.003					
Celery and broccoli	15.3	1.6	-3.1	0.002	-0.004					
Other vegetables	15.3	0.4	5.8	0.000	0.007					
Other preserved or processed vegetables	8.4	0.1	2.2	0.000	0.002					
Frozen vegetable mixtures	14.8	0.3	5.7	0.001	0.009					
Sugar, jam, honey and other confectionery	42.0	0.0	10.6	0.000	0.049					
Sugar	12.1	-0.6	21.5	-0.001	0.030					
Jams and jellies	2.5	-0.3	6.9	0.000	0.002					
Other confectionery products	27.5	0.4	5.7	0.001	0.017					
Food products n.e.c.	80.1	-0.3	5.1	-0.003	0.045					
Other food products	80.1	-0.3	5.1	-0.003	0.045					
Non-alcoholic beverages	123.6	-0.1	4.2	-0.001	0.057					
Coffee and tea	20.9	-0.8	6.4	-0.002	0.014					
Other non-alcoholic beverages	14.6	0.2	6.9	0.000	0.010					
Soft and sports drinks	31.0	-0.2	2.8	-0.001	0.010					
Fruit juices	57.1	0.2	3.6	0.001	0.023					
Food away from home	429.8	0.8	4.5	0.040	0.211					
Food and beverage consumption away from home	429.8	0.8	4.5	0.040	0.211					
Other goods and services	8,482.5	-0.1	2.6	-0.083	2.146					
Other goods	4,735.8	0.1	0.4	0.040	0.187					
Other services	3,746.7	-0.3	5.5	-0.122	1.959					
СРІ	10,000	-0.03	2.6	-0.033	2.639					

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

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

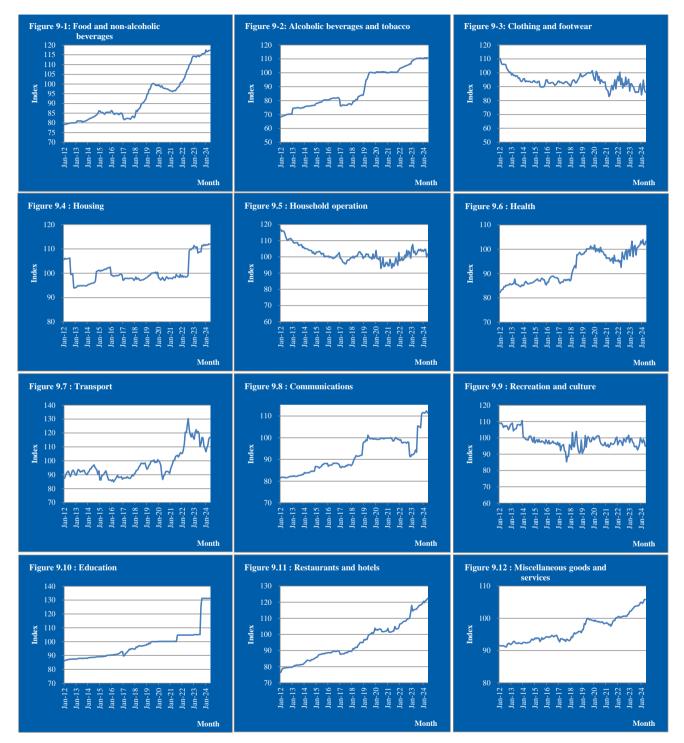
DESCRIPTION	WEIGHT	2023	2023	2024	2024	Monthly	Ytd	End of period	Period average
		May	Dec	Apr	May	Apr - May	Dec - May	May 23 - May 24	May 22/23 - May 23/24
	coefficient							12 months	24 months
CPI for "All items"	10,000.0	106.60	108.79	109.45	109.41	-0.03	0.6	2.6	1.8
CPI for "Goods"	5,823.4	108.82	108.24	109.58	109.68	0.1	1.3	0.8	-0.2
CPI for "Durable goods"	1,294.8	107.63	105.62	105.90	107.02	1.1	1.3	-0.6	-2.6
CPI for "Semi-durable goods"	635.9	90.23	90.41	88.24	86.93	-1.5	-3.8	-3.7	-3.5
CPI for "Non-durable goods"	3,892.8	112.25	112.02	114.30	114.28	0.0	2.0	1.8	1.1
CPI for "Services"	4,176.6	103.51	109.55	109.26	109.05	-0.2	-0.5	5.4	4.6
CPI for "Gasoline" and "Diesel"	460.6	126.86	114.13	127.26	128.13	0.7	12.3	1.0	-6.2
CPI for "Energy"	1,638.1	114.40	110.82	114.51	114.75	0.2	3.6	0.3	-2.7
CPI for "Food at home"	1,087.7	114.59	115.99	117.26	117.36	0.1	1.2	2.4	3.4
CPI excluding "Food and non-alcoholic beverages"	8,912.3	105.63	107.91	108.50	108.44	0.0	0.5	2.7	1.6
CPI excluding "Gasoline" and "Diesel"	9,539.4	105.62	108.53	108.59	108.51	-0.1	0.0	2.7	2.3
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	104.47	107.57	107.47	107.37	-0.1	-0.2	2.8	2.1
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	106.64	108.92	109.59	109.54	0.0	0.6	2.7	1.8
CPI excluding "Housing"	7,477.8	106.04	107.92	108.58	108.57	0.0	0.6	2.4	1.5
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	105.07	108.39	108.46	108.37	-0.1	0.0	3.1	2.8

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

DESCRIPTION	WEIGHT	Monthly	Ytd	End of period	Period average
		Apr - May	Dec - May	May 23 - May 24	May 22/23 - May 23/24
	coefficient			12 months	24 months
CPI for "All items"	10,000.0	-0.03	0.58	2.64	1.78
CPI for "Goods"	5,823.4	0.05	0.77	0.47	-0.09
CPI for "Durable goods"	1,294.8	0.13	0.17	-0.07	-0.33
CPI for "Semi-durable goods"	635.9	-0.08	-0.20	-0.20	-0.19
CPI for "Non-durable goods"	3,892.8	-0.01	0.81	0.74	0.43
CPI for "Services"	4,176.6	-0.08	-0.19	2.17	1.88
CPI for "Gasoline" and "Diesel"	460.6	0.04	0.59	0.06	-0.35
CPI for "Energy"	1,638.1	0.04	0.59	0.06	-0.48
CPI for "Food at home"	1,087.7	0.01	0.12	0.23	0.30
CPI excluding "Food and non-alcoholic beverages"	8,912.3	-0.04	0.44	2.36	1.40
CPI excluding "Gasoline" and "Diesel"	9,539.4	-0.07	-0.02	2.58	2.14
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diese	8,451.7	-0.08	-0.15	2.30	1.75
CPI excluding "Rentals actually paid by tenants or subtenants"	9,333.3	-0.04	0.54	2.54	1.69
CPI excluding "Housing"	7,477.8	-0.01	0.45	1.78	1.15
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,361.9	-0.07	-0.02	2.58	2.27

Appendix 5

#### Course of Indices for 2012 up to May 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.