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## A note to the reader

The following report presents the price statistics for November 2020.

- The Central Bureau of Statistics made in October 2020 a series of improvements 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 September 2020 were revised and corrected.
- At the end of November 2020 the Consumer Price Index (CPI) shows a slight decrease of 0.04% compared to the end of October 2020. The sector which affected the CPI the most was “Household operation” (2.3%), which led to an effect of 0.21 percentage points (ppts) on the  $\Delta$  CPI of November 2020 (-0.04%).
- Compared to November 2019 the CPI decreased by 2.7%. The sector which affected the CPI the most was “Transport” (-7.0%), which led to an effect of -0.87 ppts.
- The period average inflation for the period November 2019 - November 2020 is -0.8%, which is 4.8 ppts lower compared to the period average inflation for the period November 2018 - November 2019 (4.0%).
- Utilities (Water and Electricity) did not register price changes in November 2020. The price of gasoline registered a decrease of 1.2% in November 2020 and caused an effect of -0.04 ppts on the  $\Delta$  CPI of November 2020. The price of diesel registered an increase of 0.8% in November 2020 and had an insignificant effect on the  $\Delta$  CPI of November 2020.

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 November 2020 is 96.93; a slight decrease of 0.04% compared to the CPI of October 2020 (96.97). An overview of the percentage change in the CPI ( $\Delta$  CPI) for different periods during 2019 and 2020 is shown in Table 1. The terms percentage change in the CPI and “inflation” (deflation) are considered similar and are used interchangeably. The deflation over the last 12 months (end of period inflation) is 2.7%, while the deflation over a period of 24 months (period average inflation) is 0.8%.

**Table 1: Overview of  $\Delta$  CPI**

Period		% Changes		Index	
		2020	2019	Current	Last
Monthly	Oct - Nov	-0.04	0.2	96.93	96.97
Year-to-date	Dec - Nov	-3.2	-3.0	96.93	100.13
Last 12 months <sup>1</sup>	Nov - Nov	-2.7	-3.8	96.93	99.58
Last 24 months <sup>2</sup>	Nov - Nov	-0.8	-4.0	97.94	98.70

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 November 2019, whereas the  $\Delta$  CPI for the month November for the years 2011 to 2020 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 November 2020. The percentage change in index is further denoted as  $\Delta$  I. The largest  $\Delta$  I is observed for the “Household operation” sector with an increase of 2.3%

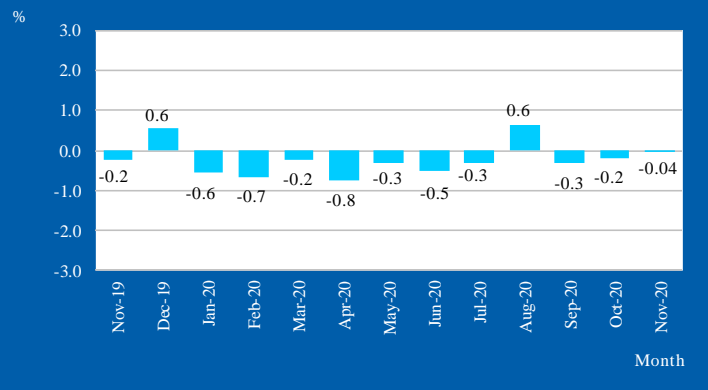
### 1.3 Changes in categories and subcategories

The largest positive and negative  $\Delta$  I is seen in the categories “Health products and services n.e.c.” (14.1%) and “Glassware, tableware and household utensils” (-9.9%). In the “Food and non-alcoholic beverages” sector a decrease of 0.4% is observed for the category “Food”, while the “Non-alcoholic beverages” shows a decrease of 0.1%. In the “Transport” sector the major  $\Delta$  I is observed for the category “Transport services” (5.3%). In the “Recreation and culture” sector the major  $\Delta$  I is observed for the category “Audio-visual, photographic and information processing equipment” (10.0%)<sup>1</sup>.

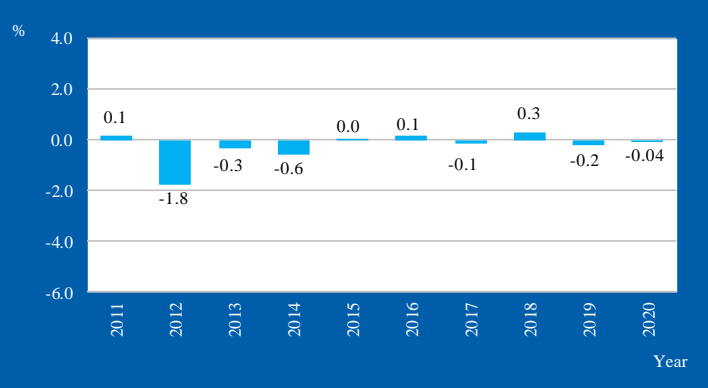
The categories which influenced the CPI calculation the most are “Household appliances”, “Maintenance and repair of the dwelling” and “Holidays” which had an effect of respectively, 0.19, -0.15 and 0.08 ppts on the  $\Delta$  CPI. Reference is made to tables 16 and 17 in Appendices 1 and 2. Table 16 provides an overview of the indices

for the months November 2019, December 2019, October 2020 and November 2020 together with corresponding weights per sector and the monthly, year-to-date (ytd), end of period and period average percentage changes for November 2020. 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 November 2020 is presented. The course of indices for 2010 – up to November 2020 is illustrated in Appendix 5.

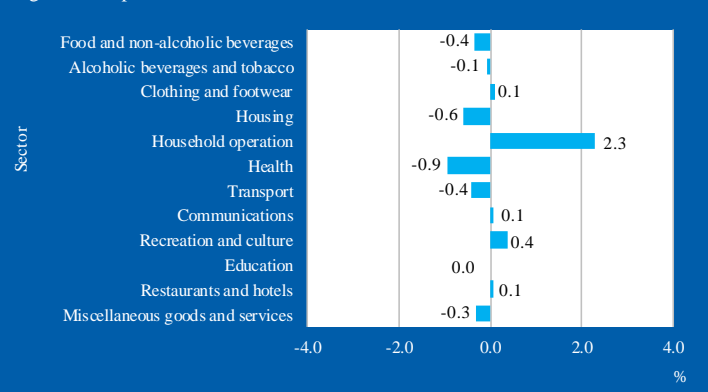
**Figure 1: Monthly  $\Delta$  CPI, 2019 - 2020**



**Figure 2: Monthly  $\Delta$  CPI for November, 2011 - 2020**



**Figure 3:  $\Delta$  I per sector, November 2020**



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

## 2 End of period change of the CPI

### 2.1 End of period change CPI for November 2020

The CPI decreased from 99.58 in November 2019 to 96.93 in November 2020, a decrease of 2.7%. This  $\Delta$  CPI is the lowest registered over a period of 5 years for the month November, and is 6.5 ppts lower than the  $\Delta$  CPI registered in 2019 (3.8%) (see table 2).

Table 2: End of period  $\Delta$  CPI for November, 2016 - 2020

Period	$\Delta$ CPI	Index
2015-2016	0.0	93.31
2016-2017	-1.5	91.92
2017-2018	4.4	95.97
2018-2019	3.8	99.58
2019-2020	-2.7	96.93

Source: Central Bureau of Statistics Aruba

### 2.2 Changes in sector

An overview of the percentage change per sector over the period November 2019 - November 2020 is presented in table 3. The largest  $\Delta$  I is observed for the sector "Clothing and footwear" with a decrease of 8.3%. Furthermore, decreases of -7.0%, -4.0% and -3.1% are observed for the "Transport", "Recreation and culture" and "Health" sectors, respectively. A comparison of the  $\Delta$  I's for the years 2019 and 2020 is provided in figure 4.

Table 3: Percentage change for November, 2019 - 2020

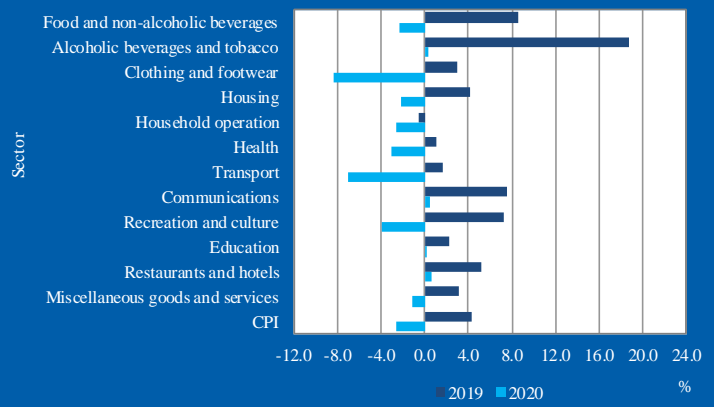
Sector	% Change
Food and non-alcoholic beverages	-2.3
Alcoholic beverages and tobacco	0.4
Clothing and footwear	-8.3
Housing	-2.1
Household operation	-2.7
Health	-3.1
Transport	-7.0
Communications	0.4
Recreation and culture	-4.0
Education	0.2
Restaurants and hotels	0.6
Miscellaneous goods and services	-1.1
CPI	-2.7

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, "Health products and services n.e.c." (21.0%) and "Accommodation services" (-27.6%). For an overview of the end of period percentage changes per category refer to table 16 in Appendix 1.

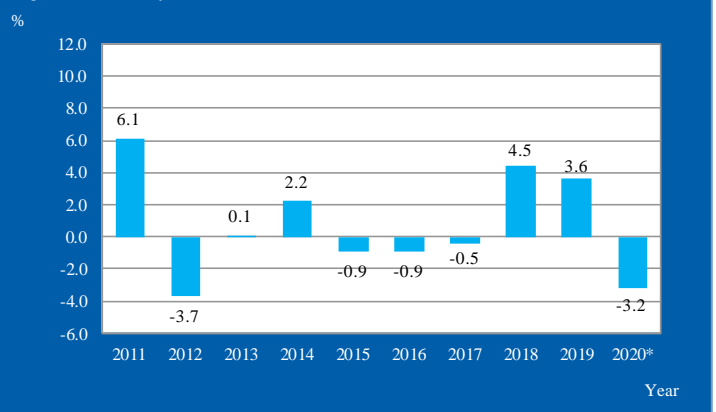
Figure 4:  $\Delta$  I per sector for November, 2019 - 2020



### 2.4 End of year change CPI 2011 - 2020

The end of year  $\Delta$  CPI for the period 2011 - 2020 is shown in figure 5. The  $\Delta$  CPI for 2020 is calculated by comparing the CPI of November 2020 with the CPI of December 2019. The ytd  $\Delta$  CPI for November 2020 is -3.2%.

Figure 5: End of year  $\Delta$  CPI 2011 - 2020



\*ytd\*

### 2.5 Period average change CPI for November 2020

The period average change CPI ( $\Delta$  ACPI) for November 2020 is -0.8%. Table 4 provides an overview of the  $\Delta$  ACPI for the month November for the years 2016 to 2020. The  $\Delta$  ACPI for 2020 decreased by 4.8 ppts compared to 2019 (4.0%).

Table 4: Overview of  $\Delta$  ACPI for November, 2016 - 2020

Period	$\Delta$ ACPI	Index
2015-2016	-0.9	92.93
2016-2017	-1.1	91.94
2017-2018	3.2	94.89
2018-2019	4.0	98.70
2019-2020	-0.8	97.94

Source: Central Bureau of Statistics Aruba

## 3 Development of indices of main sectors and utilities

### 3.1 Indices main sectors

The four major sectors, “Housing”, “Transport”, “Food and non-alcoholic beverages” and “Recreation and culture”, constitute 64% 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 November 2020 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, 2019 - 2020**

Month	Crude oil per barrel <sup>1</sup>	Total energy charge <sup>2</sup>		Electricity <sup>3</sup>	Water <sup>4</sup>	Gasoline <sup>5</sup>	Diesel <sup>5</sup>
		≤ 500 kWh	501-1000 kWh				
Nov-19	56.74	34.52	35.72	265.65	137.05	203.30	177.70
Dec-19	59.73	34.52	35.72	265.65	137.05	203.70	175.60
Jan-20	57.92	31.09	31.99	240.09	137.05	204.60	179.20
Feb-20	50.67	31.09	31.99	240.09	137.05	201.90	172.40
Mar-20	30.40	31.09	31.99	240.09	137.05	197.20	160.60
Apr-20	17.39	31.09	31.99	240.09	137.05	160.60	136.70
May-20	26.57	31.09	31.99	240.09	137.05	144.70	119.00
Jun-20	38.19	31.09	31.99	240.09	137.05	160.50	121.60
Jul-20	40.58	31.09	31.99	240.09	137.05	174.90	135.00
Aug-20	42.33	31.09	31.99	240.09	137.05	178.10	140.70
Sep-20	39.64	31.09	31.99	240.09	137.05	180.20	140.50
Oct-20	39.45	31.09	31.99	240.09	137.05	178.90	135.00
Nov-20	41.07	31.09	31.99	240.09	137.05	176.80	136.10

Source: Central Bureau of Statistics Aruba

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

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

<sup>3</sup> Electricity price in Afl.

<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 November 2020, it remained at Afl. 240.09. Figure 6-1 provides an overview of the course of changes in the electricity price for the period 2013 to 2020.

The total energy charge per kWh for a usage of electricity up to 500 kWh did not change in November 2020, it stayed at Afl. 31.09 cents per kWh. The total energy charge per kWh for a usage of electricity between 501 - 1000 kWh did not change in November 2020, it stayed at Afl. 31.99 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 2013 to 2020. The water price for an average usage by households did not change in November 2020, it remained at Afl. 137.05.

### 3.4 Gasoline and Diesel

The retail price of gasoline decreased by 1.2% from 178.9 cents per liter in October 2020 to 176.8 cents per liter in November 2020. In November 2020, the retail price of diesel registered an increase of 0.8% from 135.0 cents per liter in October 2020 to 136.1 cents per liter in November 2020.

Figure 6-1 Electricity price, water price and energy charge in Afl., 2013 - 2020

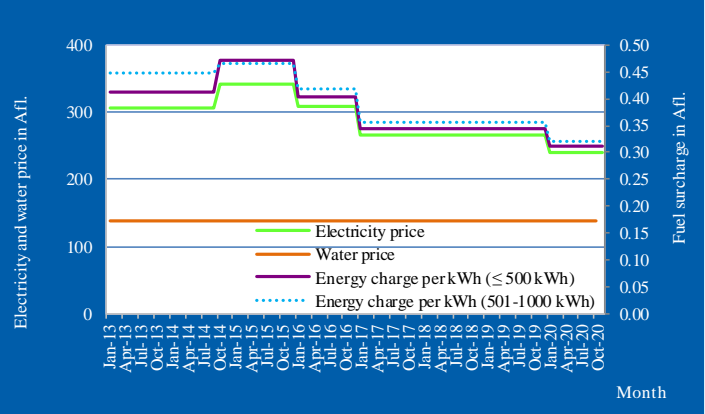
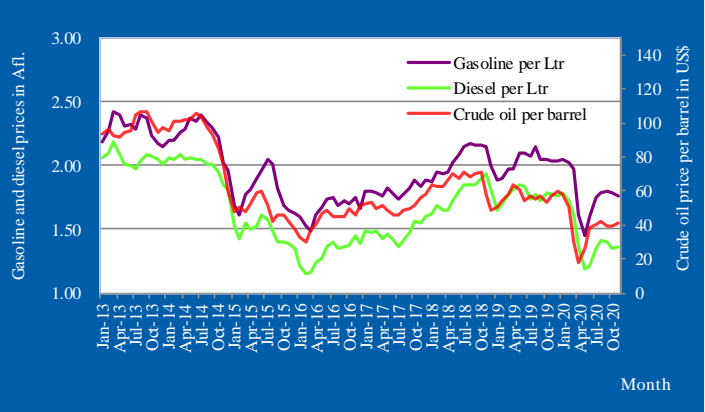


Figure 6-2 Gasoline, diesel and crude oil prices, 2013 - 2020



## 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 November 2019. In November 2020 the  $\Delta$  CPI of the USA, Curaçao and the Netherlands were -0.1%, -0.1% and -0.8%.

**Table 6: Monthly  $\Delta$  CPI 2019 - 2020 per Country**

Period	Aruba	USA	Curaçao	Netherlands
Nov-19	-0.2	-0.1	0.1	-0.4
Dec-19	0.6	-0.1	0.1	0.1
Jan-20	-0.6	0.4	0.1	-0.8
Feb-20	-0.7	0.3	-0.3	0.6
Mar-20	-0.2	-0.2	0.1	0.2
Apr-20	-0.8	-0.7	0.2	0.5
May-20	-0.3	0.0	-0.2	-0.1
Jun-20	-0.5	0.5	0.3	0.3
Jul-20	-0.3	0.5	0.4	1.1
Aug-20	0.6	0.3	0.7	-0.5
Sep-20	-0.3	0.1	0.5	-0.2
Oct-20	-0.2	0.0	0.1	0.5
Nov-20	0.0	-0.1	-0.1	-0.8

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 November 2020. Aruba's monthly  $\Delta$  CPI for November 2020 is 0.1 ppt lower than the  $\Delta$  CPI of the USA.

**Table 7: Overview of  $\Delta$  CPI, 2020**

Period	Aruba	USA	
Monthly	Oct - Nov	0.0	-0.1
Year-to-date	Dec - Nov	-3.2	1.3
Last 12 months <sup>1</sup>	Nov - Nov	-2.7	1.2
Last 24 months <sup>2</sup>	Nov - Nov	-0.8	1.3

Source: Central Bureau of Statistics Aruba

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

<sup>2</sup> Period average inflation

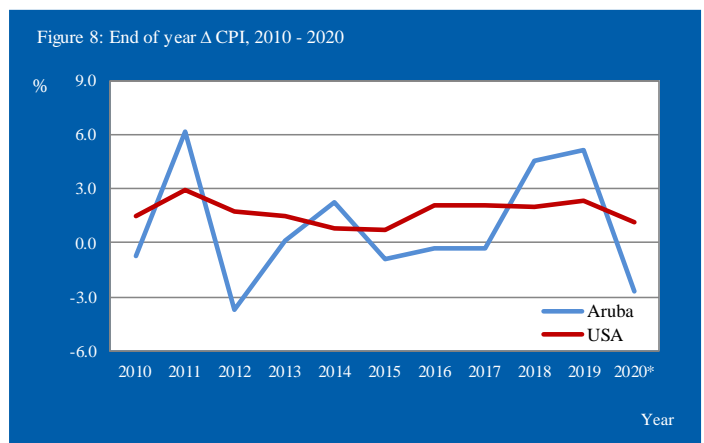
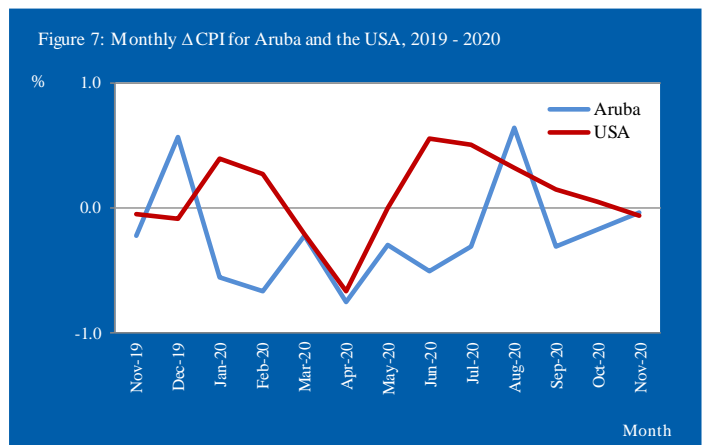
The  $\Delta$  CPI of Aruba over the last 12 months is 3.9 ppts lower compared to the USA's 12-month  $\Delta$  CPI. The  $\Delta$  CPI over the last 24 months for Aruba is 2.1 ppts lower than the  $\Delta$  CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the end of year  $\Delta$  CPI over the period 2010 - 2020 for Aruba and the USA is provided in table 8 and figure 8.

**Table 8: End of year  $\Delta$  CPI, 2010 - 2020**

Period	Aruba	USA
2010	-0.5	1.1
2011	6.2	3.4
2012	-3.5	1.8
2013	-0.4	1.2
2014	1.2	1.3
2015	-0.2	0.5
2016	0.0	1.7
2017	-1.5	2.2
2018	4.4	2.2
2019	3.8	2.1
2020*	-3.2	1.3

Source: Central Bureau of Statistics Aruba

\* ytd



\*ytd

<sup>2</sup> "51% of Aruba's import by sea and air originates from the USA" (Source: Foreign Trade Statistics Report, 3<sup>rd</sup> Quarter 2020).

## 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 November 2020 the core inflation (measured over the period November 2019 - 2020) was 0.5%. In November 2020 the food index was -0.1%, while the energy index shows a decrease of 6.9%.

Table 9: Monthly inflation<sup>1</sup> and core inflation, 2019 - 2020

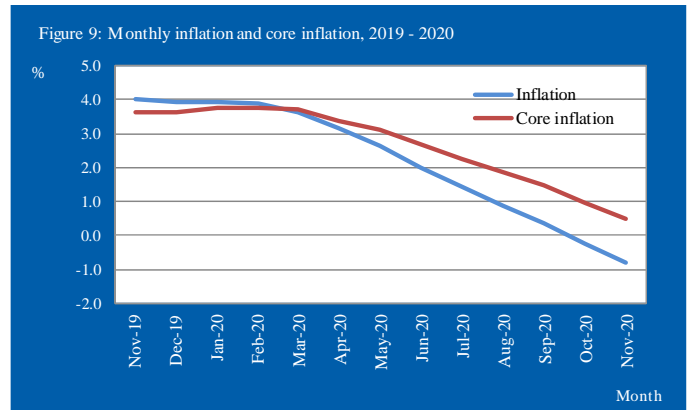
Period	Inflation	Food	Energy <sup>2</sup>	Core Inflation
Nov-19	4.0	11.0	1.9	3.6
Dec-19	3.9	10.5	1.8	3.6
Jan-20	3.9	9.9	1.5	3.7
Feb-20	3.9	9.3	1.3	3.8
Mar-20	3.6	8.3	0.7	3.7
Apr-20	3.2	7.4	-0.2	3.4
May-20	2.7	6.2	-1.5	3.1
Jun-20	2.0	4.9	-2.7	2.7
Jul-20	1.4	3.7	-3.6	2.3
Aug-20	0.9	2.6	-4.6	1.9
Sep-20	0.4	1.6	-5.4	1.5
Oct-20	-0.2	0.7	-6.2	1.0
Nov-20	-0.8	-0.1	-6.9	0.5

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 November 2019.



### 5.3 End of year change of the core inflation, 2015 - 2020

The end of year core inflation of the total population of Aruba for the year 2020 (up to November) is 0.5%, a decrease of 3.1 ppts compared to the core inflation of 2019. Table 10 provides an overview of the end of year inflation and core inflation over the period 2015 - 2020.

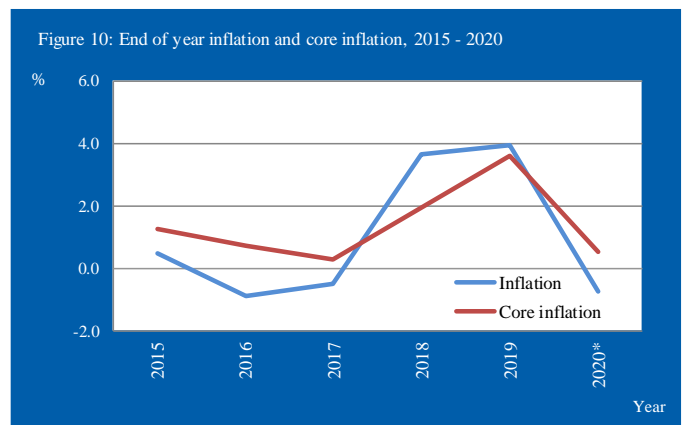
The end of year inflation and core inflation is presented in figure 10 over the period 2015 - 2020.

Table 10: End of year core inflation, 2015 - 2020

Period	2015	2016	2017	2018	2019	2020*
Inflation	0.5	-0.9	-0.5	3.6	3.9	-0.8
Food	1.9	-0.1	0.8	12.2	10.5	-0.1
Electricity	8.5	-9.9	-14.0	0.0	2.1	-8.3
Water	0.0	0.0	0.0	0.0	2.1	0.6
Gasoline and diesel	-20.1	-7.9	9.2	13.9	1.0	-10.8
Core inflation	1.3	0.7	0.3	1.9	3.6	0.5

Source: Central Bureau of Statistics Aruba

Note: the figures for the years 2014-2017 are based on the weights of Dec 2006=100  
\*current month



Note: the figures for the years 2014-2017 are based on the weights of Dec 2006=100



## 6 Development of Food & catering services

### 6.1 Monthly change of Food & catering services for November 2020

The “Food & catering services” index showed a decrease of 0.2% in November 2020, after a slight increase of 0.04% in October 2020. The index for “Food at home” showed a decrease of 0.4% in November, as nine (9) of the eleven (11) “Food at home” indices decreased in November 2020. The “Potatoes and other tubers” index registered the largest decrease (-2.5%) in November 2020. Furthermore, decreases were posted in the indices for “Fruit” (-1.8%), “Oils and fats” (-1.3%) and “Meat” (-0.9%). The “Milk, cheese and eggs” (1.0%) and “Fish and other seafood” (0.7%) indices registered the only increases in November 2020.

Table 11 provides an overview of the corresponding weights per food group together with the percentage changes and effect for November 2020.

**Table 11: Percentage change of Food for November 2020**

Food	Weight	% Change	Effect
<b>Food &amp; catering services</b>	<b>1,492.8</b>	<b>-0.2</b>	<b>-0.037</b>
<i>Food at home</i>	<b>1,125.3</b>	-0.4	-0.039
Bread and cereals	205.2	-0.2	-0.004
Meat	229.8	-0.9	-0.021
Fish and other seafood	56.4	0.7	0.003
Milk, cheese and eggs	140.0	1.0	0.014
Oils and fats	31.6	-1.3	-0.004
Fruit	72.0	-1.8	-0.017
Potatoes and other tubers	18.5	-2.5	-0.004
Vegetables	75.7	-0.3	-0.002
Sugar, jam, honey and other confectionery	49.6	-0.1	-0.001
Food products n.e.c.	82.7	-0.2	-0.001
Non-alcoholic beverages	163.9	-0.1	-0.001
<i>Food away from home</i>	<b>367.5</b>	<b>0.1</b>	<b>0.003</b>
<b>Other goods and services</b>	<b>8,507.2</b>	<b>-0.01</b>	<b>-0.008</b>
Other goods	5,147.2	-0.1	-0.067
Other services	3,360.0	0.2	0.059
<b>CPI</b>	<b>10,000.0</b>	<b>-0.04</b>	<b>-0.045</b>

Source: Central Bureau of Statistics Aruba

In November 2020, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.2% compared to October 2020, and had an influence of -0.04 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of 0.01%, causing an effect of -0.01 ppt on the CPI.

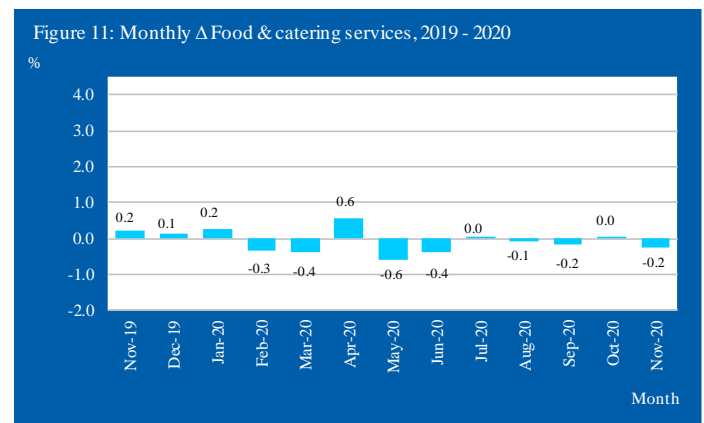
An overview of the percentage change and effect for “Food at home” and “Food away from home” for November 2020 is presented in table 12.

**Table 12: Effect on the CPI of November 2020 of “Food at home” and “Food away from home”**

Category	Weight	% Change	Effect
Food at home	1,087.7	-0.4	-0.04
Food away from home	429.8	0.1	0.00
Total group	1,517.5	-0.2	-0.04
Remaining goods and services	8,482.5	-0.01	-0.01
<b>CPI</b>	<b>10,000.0</b>	<b>-0.04</b>	<b>-0.04</b>

Source: Central Bureau of Statistics Aruba

Figure 11 depicts the monthly  $\Delta$  Food and catering services over a period of one year starting from November 2019.



### 6.2 End of Period change of Food & catering services for November 2020

Over the last twelve (12) months, the “Food & catering services” has decreased by 1.2%. The “Food at home” index showed a decrease of 2.3%. The “Potatoes and other tubers” index decreased by 13.5%, the largest decrease among the “Food at home” food groups, while the “Milk, cheese and eggs” index increased by 1.1%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” shows an increase of 0.1% in November 2020 and has increased by 1.5% over the last twelve (12) months.

Table 18 provides an overview of the monthly and end of period percentage changes and effect for November 2020 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 November 2020

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 November. Over a period of one year the subsistence level decreased by Afl. 132, from Afl. 4,891 in November 2019 to Afl. 4,759 in November 2020. The "Food and non-alcoholic beverages" sector shows the largest decrease (Afl. 44), over this period.

Table 13: Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 child (aged 0-14 years) for November, 2016 - 2020

Sector	Nov-16	Nov-17	Nov-18	Nov-19	Nov-20	Change in Afl.
						Nov-19 - Nov-20
Food and non-alcoholic beverages	1,660	1,641	1,800	1,940	1,896	-44
Clothing and footwear	252	253	273	277	254	-23
Housing	1,471	1,419	1,429	1,474	1,443	-31
Household operation	113	111	114	110	107	-3
Health	73	73	81	83	80	-3
Transport	258	258	285	288	268	-20
Communications	134	135	141	152	152	0
Recreation and culture	160	149	153	166	160	-6
Education	69	71	72	74	74	0
Miscellaneous goods and services	312	310	318	328	324	-4
<b>Total</b>	<b>4,503</b>	<b>4,420</b>	<b>4,667</b>	<b>4,891</b>	<b>4,759</b>	<b>-132</b>

Source: Central Bureau of Statistics Aruba

An overview of the subsistence level, for the most common family types, over the period November 2019 - November 2020 is presented in table 14.

Table 14: Subsistence level in Aruba (in Afl.) by family size and composition, November 2020 (Base period November 2010)

Period	Equivalence scales				
	1	1.3	1.5	1.8	2.1
	1 adult	1 adult + 1 child	2 adults	2 adults + 1 child	2 adults + 2 children
Nov-19	2,329	3,028	3,494	4,192	4,891
Dec-19	2,331	3,030	3,496	4,196	4,895
Jan-20	2,314	3,008	3,471	4,165	4,860
Feb-20	2,303	2,994	3,454	4,145	4,836
Mar-20	2,300	2,989	3,449	4,139	4,829
Apr-20	2,296	2,984	3,444	4,132	4,821
May-20	2,283	2,968	3,425	4,110	4,794
Jun-20	2,277	2,960	3,416	4,099	4,782
Jul-20	2,267	2,947	3,400	4,080	4,760
Aug-20	2,276	2,959	3,415	4,098	4,781
Sep-20	2,277	2,960	3,416	4,099	4,782
Oct-20	2,273	2,955	3,410	4,092	4,773
Nov-20	2,266	2,946	3,399	4,079	4,759

Source: Central Bureau of Statistics Aruba

### 7.3 Comparison of the subsistence level and minimum wage

In November 2020 the subsistence level for a single adult household is Afl. 2,266, which represents an income deficit of Afl. 451, a decrease of Afl. 116 compared to the deficit observed one year ago (Afl. 567). This deficit is the second lowest registered over a period of five years for the month November.

Table 15: Monthly income surplus/deficit (in Afl.) for a single adult household for November, 2016 - 2020

Period	Minimum		Surplus/deficit
	1 adult	wage	
2016	2,144	1,678	-466
2017	2,105	1,711	-394
2018	2,222	1,711	-511
2019	2,329	1,762	-567
2020	2,266	1,815	-451

Source: Central Bureau of Statistics Aruba

**Table 16: Monthly & Yearly Changes (%) in the Consumer Price Index for November 2020, Total Population (Jun 2019 = 100)**

DESCRIPTION	WEIGHT coefficient	2019 Nov	2019 Dec	2020 Oct	2020 Nov	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 20 - Nov 21	Period average Nov 20 - Nov 21
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>99.33</b>	<b>99.16</b>	<b>97.44</b>	<b>97.09</b>	<b>-0.4</b>	<b>-2.1</b>	<b>-2.3</b>	<b>0.2</b>
Food	964.1	99.13	98.94	97.06	96.67	-0.4	-2.3	-2.5	-0.1
Non-alcoholic beverages	123.6	100.84	100.81	100.43	100.34	-0.1	-0.5	-0.5	2.8
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>100.14</b>	<b>99.81</b>	<b>100.59</b>	<b>100.51</b>	<b>-0.1</b>	<b>0.7</b>	<b>0.4</b>	<b>4.6</b>
Alcoholic beverages for consumption at home	62.2	99.84	99.43	99.37	99.30	-0.1	-0.1	-0.5	4.1
Tobacco	16.0	101.29	101.29	105.36	105.20	-0.1	3.9	3.9	6.5
<b>Clothing and footwear</b>	<b>276.8</b>	<b>101.51</b>	<b>98.18</b>	<b>92.99</b>	<b>93.08</b>	<b>0.1</b>	<b>-5.2</b>	<b>-8.3</b>	<b>-3.7</b>
Clothing	212.8	99.73	95.84	92.33	93.40	1.2	-2.5	-6.3	-3.5
Footwear	64.0	107.42	105.98	95.22	91.99	-3.4	-13.2	-14.4	-4.1
<b>Housing</b>	<b>2,522.2</b>	<b>99.78</b>	<b>100.37</b>	<b>98.27</b>	<b>97.70</b>	<b>-0.6</b>	<b>-2.7</b>	<b>-2.1</b>	<b>-1.1</b>
Actual rentals for housing	666.7	100.62	100.75	102.00	102.13	0.1	1.4	1.5	2.2
Imputed rentals for housing	34.4	100.91	100.91	98.60	97.34	-1.3	-3.5	-3.5	0.2
Maintenance and repair of the dwelling	517.0	98.08	99.55	102.93	100.06	-2.8	0.5	2.0	3.1
Water supply and miscellaneous services relating to the dwelling	463.6	100.00	101.35	101.35	101.35	0.0	0.0	1.3	2.0
Electricity, gas and other fuels	840.4	100.00	100.00	90.72	90.72	0.0	-9.3	-9.3	-7.9
<b>Household operation</b>	<b>929.2</b>	<b>99.00</b>	<b>99.82</b>	<b>94.20</b>	<b>96.37</b>	<b>2.3</b>	<b>-3.5</b>	<b>-2.7</b>	<b>-2.7</b>
Furniture, furnishings, carpets and other floor coverings	128.8	94.01	97.33	75.36	79.76	5.8	-18.1	-15.2	-12.3
Household textiles	58.6	96.39	96.75	84.00	83.36	-0.8	-13.8	-13.5	-13.0
Household appliances	246.0	100.17	103.31	89.34	96.86	8.4	-6.2	-3.3	-4.0
Glassware, tableware and household utensils	17.2	92.58	90.58	97.54	87.86	-9.9	-3.0	-5.1	-2.3
Tools and equipment for house and garden	58.2	103.02	96.55	112.59	110.46	-1.9	14.4	7.2	-1.2
Goods and services for routine household maintenance and cleaning	420.5	99.91	99.79	101.56	101.37	-0.2	1.6	1.5	2.4
<b>Health</b>	<b>223.1</b>	<b>100.68</b>	<b>100.03</b>	<b>98.53</b>	<b>97.60</b>	<b>-0.9</b>	<b>-2.4</b>	<b>-3.1</b>	<b>-0.2</b>
Medical products, appliances and equipment	152.3	101.03	99.72	97.60	96.07	-1.6	-3.7	-4.9	-0.8
Out-patient services	52.4	100.00	100.00	99.98	97.78	-2.2	-2.2	-2.2	0.4
Other treatments	7.8	100.15	99.66	97.83	95.68	-2.2	-4.0	-4.5	-0.3
Health products and services n.e.c.	10.5	99.33	104.95	105.30	120.20	14.1	14.5	21.0	5.3
<b>Transport</b>	<b>1,257.4</b>	<b>98.84</b>	<b>100.77</b>	<b>92.32</b>	<b>91.95</b>	<b>-0.4</b>	<b>-8.8</b>	<b>-7.0</b>	<b>-4.5</b>
Purchase of vehicles	442.6	100.08	106.03	94.81	94.83	0.0	-10.6	-5.2	-1.6
Operation of personal transport equipment	763.3	98.30	98.12	91.02	90.07	-1.0	-8.2	-8.4	-6.1
Transport services	51.5	96.30	94.78	90.25	95.00	5.3	0.2	-1.3	-6.4
<b>Communications</b>	<b>849.6</b>	<b>99.37</b>	<b>99.60</b>	<b>99.74</b>	<b>99.79</b>	<b>0.1</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>
Telephone and telefax equipment	43.8	87.82	92.26	94.98	95.98	1.0	4.0	9.3	-7.4
Telephone and telefax services	805.8	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>99.55</b>	<b>100.48</b>	<b>95.23</b>	<b>95.58</b>	<b>0.4</b>	<b>-4.9</b>	<b>-4.0</b>	<b>1.4</b>
Audio-visual, photographic and information processing equipment	58.5	103.90	91.44	81.63	89.80	10.0	-1.8	-13.6	-16.7
Other major durables for recreation and culture	20.0	99.86	90.44	97.22	96.01	-1.2	6.2	-3.8	1.3
Other recreational items and equipment; gardens and pets	266.6	101.75	101.52	102.81	100.20	-2.5	-1.3	-1.5	3.1
Recreational and cultural services	309.1	99.21	99.24	99.78	99.78	0.0	0.5	0.6	0.5
Newspapers, books and stationery	43.7	98.34	93.94	88.13	83.09	-5.7	-11.6	-15.5	-7.1
Holidays	315.4	97.36	104.03	87.74	90.32	2.9	-13.2	-7.2	5.9
<b>Education</b>	<b>98.0</b>	<b>100.00</b>	<b>100.00</b>	<b>100.17</b>	<b>100.17</b>	<b>0.0</b>	<b>0.2</b>	<b>0.2</b>	<b>0.8</b>
Pre primary and primary education	24.0	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Secondary education	43.4	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Post-secondary non-tertiary education	4.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Tertiary education	23.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Education not definable by level	2.5	100.00	100.00	106.67	106.67	0.0	6.7	6.7	6.8
<b>Restaurants and hotels</b>	<b>442.0</b>	<b>101.31</b>	<b>103.89</b>	<b>101.90</b>	<b>101.95</b>	<b>0.1</b>	<b>-1.9</b>	<b>0.6</b>	<b>3.8</b>
Catering services	429.8	100.96	101.81	102.45	102.50	0.1	0.7	1.5	3.6
Accommodation services	12.2	113.72	177.44	82.44	82.29	-0.2	-53.6	-27.6	10.2
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>99.38</b>	<b>99.33</b>	<b>98.64</b>	<b>98.32</b>	<b>-0.3</b>	<b>-1.0</b>	<b>-1.1</b>	<b>0.3</b>
Personal care	427.1	98.84	98.77	97.20	96.98	-0.2	-1.8	-1.9	-0.2
Personal effects n.e.c.	106.6	97.58	97.24	94.78	92.07	-2.9	-5.3	-5.6	-0.6
Social protection	78.2	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Insurance	610.7	100.00	100.00	100.14	100.14	0.0	0.1	0.1	0.7
<b>CPI</b>	<b>10,000.0</b>	<b>99.58</b>	<b>100.13</b>	<b>96.97</b>	<b>96.93</b>	<b>-0.04</b>	<b>-3.2</b>	<b>-2.7</b>	<b>-0.8</b>

Source: Central Bureau of Statistics Aruba

Table 17: Monthly &amp; Yearly Effect on the Consumer Price Index per sector and category for November 2020 (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 20 - Nov 21	Period average Nov 20 - Nov 21
<b>Food and non-alcoholic beverages</b>	<b>1,087.7</b>	<b>-0.04</b>	<b>-0.22</b>	<b>-0.24</b>	<b>0.02</b>
Food	964.1	-0.04	-0.22	-0.24	-0.01
Non-alcoholic beverages	123.6	0.00	-0.01	-0.01	0.03
<b>Alcoholic beverages and tobacco</b>	<b>78.2</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.04</b>
Alcoholic beverages for consumption at home	62.2	0.00	0.00	0.00	0.02
Tobacco	16.0	0.00	0.01	0.01	0.01
<b>Clothing and footwear</b>	<b>276.8</b>	<b>0.00</b>	<b>-0.14</b>	<b>-0.23</b>	<b>-0.10</b>
Clothing	212.8	0.02	-0.05	-0.14	-0.08
Footwear	64.0	-0.02	-0.09	-0.10	-0.03
<b>Housing</b>	<b>2,522.2</b>	<b>-0.15</b>	<b>-0.67</b>	<b>-0.53</b>	<b>-0.28</b>
Actual rentals for housing	666.7	0.01	0.09	0.10	0.15
Imputed rentals for housing	34.4	0.00	-0.01	-0.01	0.00
Maintenance and repair of the dwelling	517.0	-0.15	0.03	0.10	0.16
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.06	0.09
Electricity, gas and other fuels	840.4	0.00	-0.78	-0.78	-0.67
<b>Household operation</b>	<b>929.2</b>	<b>0.21</b>	<b>-0.32</b>	<b>-0.25</b>	<b>-0.25</b>
Furniture, furnishings, carpets and other floor coverings	128.8	0.06	-0.23	-0.18	-0.16
Household textiles	58.6	0.00	-0.08	-0.08	-0.08
Household appliances	246.0	0.19	-0.16	-0.08	-0.10
Glassware, tableware and household utensils	17.2	-0.02	0.00	-0.01	0.00
Tools and equipment for house and garden	58.2	-0.01	0.08	0.04	-0.01
Goods and services for routine household maintenance and cleaning	420.5	-0.01	0.07	0.06	0.10
<b>Health</b>	<b>223.1</b>	<b>-0.02</b>	<b>-0.05</b>	<b>-0.07</b>	<b>0.00</b>
Medical products, appliances and equipment	152.3	-0.02	-0.06	-0.08	-0.01
Out-patient services	52.4	-0.01	-0.01	-0.01	0.00
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.02	0.02	0.02	0.01
<b>Transport</b>	<b>1,257.4</b>	<b>-0.05</b>	<b>-1.11</b>	<b>-0.87</b>	<b>-0.56</b>
Purchase of vehicles	442.6	0.00	-0.49	-0.23	-0.07
Operation of personal transport equipment	763.3	-0.07	-0.61	-0.63	-0.46
Transport services	51.5	0.03	0.00	-0.01	-0.03
<b>Communications</b>	<b>849.6</b>	<b>0.00</b>	<b>0.02</b>	<b>0.04</b>	<b>0.02</b>
Telephone and telefax equipment	43.8	0.00	0.02	0.04	-0.03
Telephone and telefax services	805.8	0.00	0.00	0.00	0.05
<b>Recreation and culture</b>	<b>1,013.3</b>	<b>0.04</b>	<b>-0.50</b>	<b>-0.40</b>	<b>0.14</b>
Audio-visual, photographic and information processing equipment	58.5	0.05	-0.01	-0.08	-0.10
Other major durables for recreation and culture	20.0	0.00	0.01	-0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.07	-0.04	-0.04	0.08
Recreational and cultural services	309.1	0.00	0.02	0.02	0.02
Newspapers, books and stationery	43.7	-0.02	-0.05	-0.07	-0.03
Holidays	315.4	0.08	-0.43	-0.22	0.17
<b>Education</b>	<b>98.0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>
Pre primary and primary education	24.0	0.00	0.00	0.00	0.00
Secondary education	43.4	0.00	0.00	0.00	0.00
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.00
Tertiary education	23.6	0.00	0.00	0.00	0.00
Education not definable by level	2.5	0.00	0.00	0.00	0.00
<b>Restaurants and hotels</b>	<b>442.0</b>	<b>0.00</b>	<b>-0.09</b>	<b>0.03</b>	<b>0.17</b>
Catering services	429.8	0.00	0.03	0.07	0.15
Accommodation services	12.2	0.00	-0.12	-0.04	0.01
<b>Miscellaneous goods and services</b>	<b>1,222.6</b>	<b>-0.04</b>	<b>-0.12</b>	<b>-0.13</b>	<b>0.03</b>
Personal care	427.1	-0.01	-0.08	-0.08	-0.01
Personal effects n.e.c.	106.6	-0.03	-0.05	-0.06	-0.01
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.01	0.01	0.05
<b>CPI</b>	<b>10,000.0</b>	<b>-0.04</b>	<b>-3.20</b>	<b>-2.66</b>	<b>-0.77</b>

Source: Central Bureau of Statistics Aruba

**Table 18: Monthly & Yearly Changes (%) and effect in the Food & catering services for November 2020, Total Population (Jun**

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Oct - Nov	End of period Nov 20 - Nov 21	Monthly Oct - Nov	End of period Nov 20 - Nov 21
<b>Food &amp; catering services</b>	<b>1,517.5</b>	<b>-0.2</b>	<b>-1.2</b>	<b>-0.037</b>	<b>-0.178</b>
<b>Food at home</b>	<b>1,087.7</b>	<b>-0.4</b>	<b>-2.3</b>	<b>-0.039</b>	<b>-0.244</b>
<b>Bread and cereals</b>	<b>178.1</b>	<b>-0.2</b>	<b>-1.3</b>	<b>-0.004</b>	<b>-0.024</b>
Rice	23.5	0.6	2.2	0.001	0.005
Bread	72.1	1.1	0.4	0.008	0.003
Pasta products	9.2	-0.9	-3.0	-0.001	-0.003
Other cereals and cereal products	73.3	-1.8	-4.0	-0.013	-0.030
<b>Meat</b>	<b>242.5</b>	<b>-0.9</b>	<b>-2.2</b>	<b>-0.021</b>	<b>-0.053</b>
Bovine	67.3	-0.7	0.8	-0.005	0.006
Swine	25.5	-1.1	0.7	-0.003	0.002
Poultry	75.7	-1.2	-9.5	-0.009	-0.072
Other meat and meat preparations	74.0	-0.6	1.5	-0.005	0.011
<b>Fish and other seafood</b>	<b>49.0</b>	<b>0.7</b>	<b>-0.7</b>	<b>0.003</b>	<b>-0.004</b>
Fish and seafood preparations	49.0	0.7	-0.7	0.003	-0.004
<b>Milk, cheese and eggs</b>	<b>135.3</b>	<b>1.0</b>	<b>1.1</b>	<b>0.014</b>	<b>0.015</b>
Cheese	55.4	0.7	2.5	0.004	0.014
Eggs	16.6	8.1	11.3	0.014	0.018
Milk	40.0	-0.6	-3.0	-0.002	-0.012
Other milk products	23.3	-0.7	-2.3	-0.002	-0.005
<b>Oils and fats</b>	<b>32.2</b>	<b>-1.3</b>	<b>-2.8</b>	<b>-0.004</b>	<b>-0.009</b>
Corn oil	2.8	2.8	2.4	0.001	0.001
Butter and margarine	9.2	-1.0	-1.5	-0.001	-0.001
Other oils and fats	20.1	-2.0	-4.2	-0.004	-0.008
<b>Fruit</b>	<b>97.6</b>	<b>-1.8</b>	<b>-4.8</b>	<b>-0.017</b>	<b>-0.045</b>
Oranges	9.4	-3.7	23.1	-0.005	0.023
Bananas and plantains	19.9	-4.8	-22.4	-0.007	-0.039
Apples	9.3	-1.2	-0.1	-0.001	0.000
Avocado	5.0	0.4	-3.1	0.000	-0.001
Grapes	9.2	-0.1	4.6	0.000	0.004
Nuts	11.9	-1.1	-3.9	-0.001	-0.005
Lemons and mandarins	6.0	-10.4	-25.9	-0.005	-0.015
Cherries and strawberries	8.8	4.9	8.8	0.005	0.009
Melons and watermelons	7.7	-2.3	-9.7	-0.002	-0.007
Papayas and pineapples	6.9	-0.8	-13.7	0.000	-0.009
Other fruits and fruit products	3.5	-3.0	-11.5	-0.001	-0.004
<b>Potatoes and other tubers</b>	<b>18.2</b>	<b>-2.5</b>	<b>-13.5</b>	<b>-0.004</b>	<b>-0.022</b>
Potatoes	12.2	-4.3	-18.0	-0.004	-0.020
Other tubers	2.0	-2.4	1.6	-0.001	0.000
Sweet potatoes and yucca	4.0	2.7	-8.5	0.001	-0.003
<b>Vegetables</b>	<b>89.1</b>	<b>-0.3</b>	<b>-10.8</b>	<b>-0.002</b>	<b>-0.095</b>
Lettuce	6.8	15.9	-25.5	0.008	-0.019
Tomatoes	9.7	8.7	-19.2	0.008	-0.023
Onions and garlic	18.7	-3.9	-13.1	-0.006	-0.023
Celery and broccoli	15.3	-6.2	-12.3	-0.008	-0.016
Other vegetables	15.3	-2.7	-8.1	-0.004	-0.012
Other preserved or processed vegetables	8.4	0.3	3.2	0.000	0.003
Frozen vegetable mixtures	14.8	-0.1	-2.8	0.000	-0.004
<b>Sugar, jam, honey and other confectionery</b>	<b>42.0</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.001</b>	<b>-0.001</b>
Sugar	12.1	0.4	1.6	0.000	0.002
Jams and jellies	2.5	-1.9	-2.0	0.000	0.000
Other confectionery products	27.5	-0.2	-0.8	-0.001	-0.002
<b>Food products n.e.c.</b>	<b>80.1</b>	<b>-0.2</b>	<b>-0.1</b>	<b>-0.001</b>	<b>-0.001</b>
Other food products	80.1	-0.2	-0.1	-0.001	-0.001
<b>Non-alcoholic beverages</b>	<b>123.6</b>	<b>-0.1</b>	<b>-0.5</b>	<b>-0.001</b>	<b>-0.006</b>
Coffee and tea	20.9	-1.1	-1.4	-0.002	-0.003
Other non-alcoholic beverages	14.6	-0.3	-0.2	0.000	0.000
Soft and sports drinks	31.0	-0.3	-0.3	-0.001	-0.001
Fruit juices	57.1	0.5	-0.4	0.003	-0.002
<b>Food away from home</b>	<b>429.8</b>	<b>0.1</b>	<b>1.5</b>	<b>0.003</b>	<b>0.067</b>
Food and beverage consumption away from home	429.8	0.1	1.5	0.003	0.067
<b>Other goods and services</b>	<b>8,482.5</b>	<b>0.0</b>	<b>-2.9</b>	<b>-0.008</b>	<b>-2.481</b>
Other goods	4,735.8	-0.1	-5.1	-0.067	-2.403
Other services	3,746.7	0.2	-0.2	0.059	-0.077
<b>CPI</b>	<b>10,000</b>	<b>-0.04</b>	<b>-2.7</b>	<b>-0.045</b>	<b>-2.659</b>

Source: Central Bureau of Statistics Aruba

**Table 19: CPI: Main indices for November 2020, Total Population (Jun 2019 = 100)**

DESCRIPTION	WEIGHT coefficient	2019 Nov	2019 Dec	2020 Oct	2020 Nov	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 19 - Nov 20	Period average Nov 19 - Nov 20
<b>CPI for "All items"</b>	<b>10,000.0</b>	<b>99.58</b>	<b>100.13</b>	<b>96.97</b>	<b>96.93</b>	<b>-0.04</b>	<b>-3.2</b>	<b>-2.7</b>	<b>-0.8</b>
CPI for "Goods"	6,272.5	99.34	99.63	94.98	94.81	-0.2	-4.8	-4.6	-2.6
CPI for "Durable goods"	1,293.2	99.40	101.22	93.23	95.58	2.5	-5.6	-3.8	-3.5
CPI for "Semi-durable goods"	954.1	99.52	97.85	94.11	93.16	-1.0	-4.8	-6.4	-3.3
CPI for "Non-durable goods"	4,025.2	99.29	99.40	95.71	94.82	-0.9	-4.6	-4.5	-2.2
CPI for "Services"	3,727.5	99.91	100.83	99.74	99.89	0.1	-0.9	0.0	1.8
CPI for "Gasoline" and "Diesel"	552.3	97.02	97.12	84.61	83.72	-1.1	-13.8	-13.7	-10.8
CPI for "Food at home"	961.4	99.13	98.94	97.06	96.67	-0.4	-2.3	-2.5	-0.1
CPI excluding "Food and non-alcoholic beverages"	8,874.7	99.61	100.25	96.91	96.91	0.0	-3.3	-2.7	-0.9
CPI excluding "Gasoline" and "Diesel"	9,447.7	99.70	100.28	97.57	97.57	0.0	-2.7	-2.1	-0.3
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diesel"	8,322.4	99.75	100.42	97.59	97.63	0.0	-2.8	-2.1	-0.4
CPI excluding "Rentals actually paid by tenants or subtenants"	9,145.8	99.50	100.09	96.61	96.56	-0.1	-3.5	-3.0	-1.0
CPI excluding "Housing"	7,446.7	99.51	100.06	96.54	96.67	0.1	-3.4	-2.9	-0.7
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,289.2	99.66	100.32	98.16	98.16	0.0	-2.2	-1.5	0.4

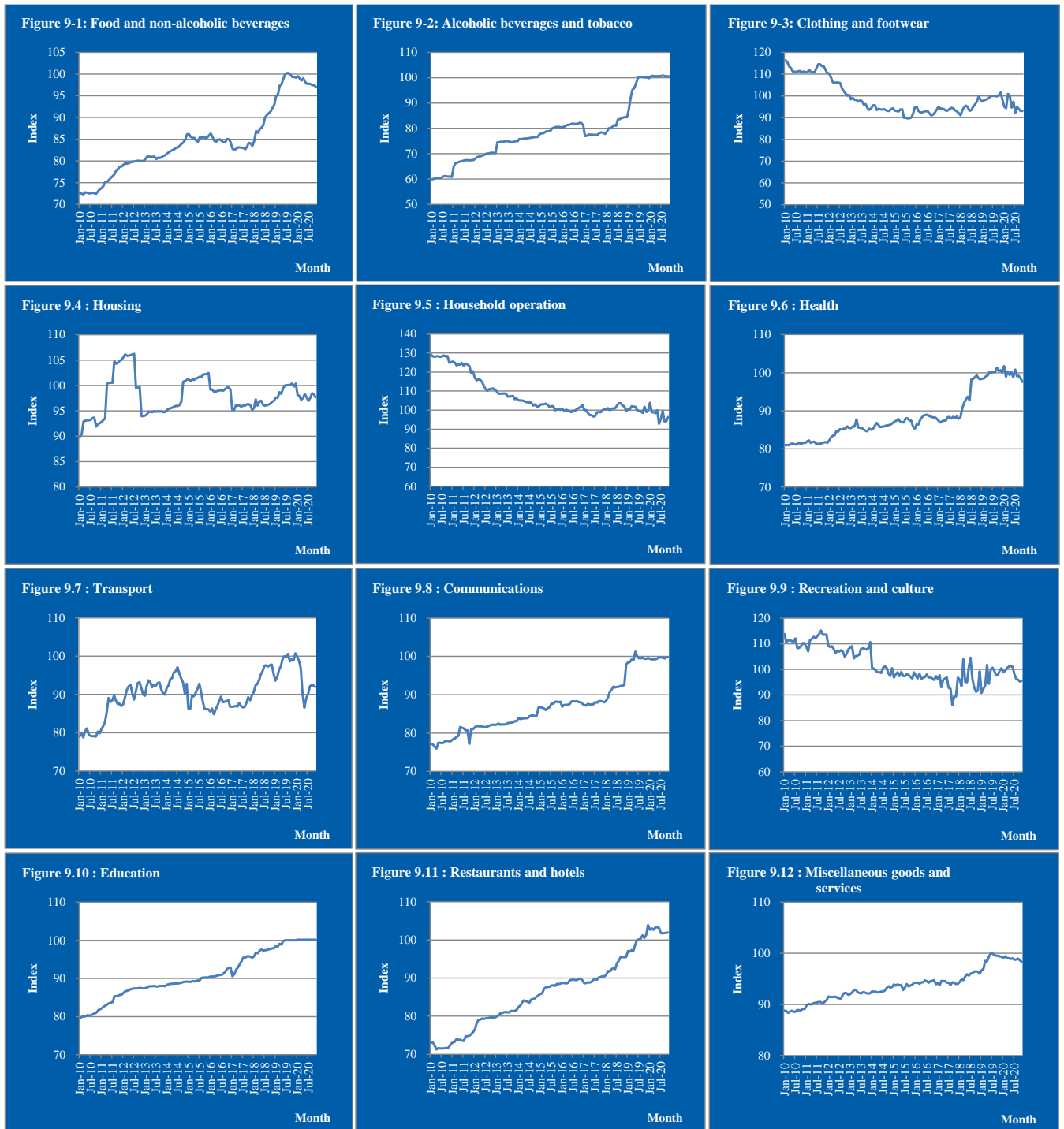
Source: Central Bureau of Statistics Aruba

**APPENDIX 5**
**Table 20: CPI: Effect on main indices for November 2020, Total Population (Jun 2019 = 100)**

DESCRIPTION	WEIGHT coefficient	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 19 - Nov 20	Period average Nov 19 - Nov 20
<b>CPI for "All items"</b>	<b>10,000.0</b>	<b>-0.04</b>	<b>-3.20</b>	<b>-2.66</b>	<b>-0.77</b>
CPI for "Goods"	6,272.5	-0.11	-2.81	-2.65	-1.52
CPI for "Durable goods"	1,293.2	0.31	-0.73	-0.50	-0.46
CPI for "Semi-durable goods"	954.1	-0.06	-0.30	-0.41	-0.21
CPI for "Non-durable goods"	4,025.2	-0.36	-1.78	-1.75	-0.85
CPI for "Services"	3,727.5	0.06	-0.39	-0.01	0.75
CPI for "Gasoline" and "Diesel"	552.3	-0.04	-0.62	-0.62	-0.49
CPI for "Food at home"	961.4	-0.04	-0.22	-0.24	-0.01
CPI excluding "Food and non-alcoholic beverages"	8,874.7	-0.01	-2.98	-2.41	-0.79
CPI excluding "Gasoline" and "Diesel"	9,447.7	0.00	-2.58	-2.04	-0.28
CPI excluding "Food and non-alcoholic beverages", "Gasoline" and "Diesel"	8,322.4	0.04	-2.36	-1.80	-0.30
CPI excluding "Rentals actually paid by tenants or subtenants"	9,145.8	-0.05	-3.29	-2.76	-0.91
CPI excluding "Housing"	7,446.7	0.10	-2.53	-2.13	-0.49
CPI excluding "Gasoline", "Diesel", "Water" and "Electricity"	8,289.2	0.00	-1.81	-1.26	0.37

Source: Central Bureau of Statistics Aruba

**Course of Indices for 2010 up to November 2020**



## 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.