# **Consumer Price Index**

### January 2013





### **Table of Contents**

### A note to the reader

1 MONTHLY CHANGE OF THE CPI	1
1.1 CPI AND INFLATION	1
1.2 CHANGES IN SECTOR	1
1.3 CHANGES IN CATEGORIES AND SUBCATEGORIES	1
2 END OF PERIOD CHANGE OF THE CPI	2
2.1 END OF PERIOD CHANGE CPI FOR JANUARY 2013	2
2.2 Changes in sector	2
2.3 Changes in categories	2
2.4 END OF YEAR CHANGE CPI 2004 - 2013	
2.5 PERIOD AVERAGE CHANGE CPI FOR JANUARY 2013	2
3 DEVELOPMENT OF INDICES OF MAIN SECTORS AND UTILITIES	3
3.1 Indices main sectors	3
3.2 Electricity	3
3.3 WATER	3
3.4 GASOLINE AND DIESEL	3
4 PERCENTAGE CHANGE CPI OF ARUBA'S MAJOR TRADING PARTNERS	4
4.1 COMPARISON OF THE CPI OF ARUBA AND THE USA	4
5 CORE INFLATION	5
5.1 Core inflation	5
5.2 MONTHLY CHANGE OF THE CORE INFLATION	5
5.3 End of year change of the core inflation, 2008 - 2013	5
6 DEVELOPMENT OF FOOD & CATERING SERVICES	6
6.1 MONTHLY CHANGE OF FOOD & CATERING SERVICES FOR JANUARY 2013	6
6.2 END OF PERIOD CHANGE OF FOOD & CATERING SERVICES FOR JANUARY 2013	6

### APPENDICES

APPENDIX 1: MONTHLY AND YEARLY % CHANGES IN THE CPI FOR JANUARY 2013	7
APPENDIX 2: EFFECT ON THE CPI PER SECTOR AND CATEGORY FOR JANUARY 2013	8
APPENDIX 3: MONTHLY & YEARLY CHANGES (%) AND EFFECT IN THE FOOD & CATERING SERVICES FOR JANUARY	
2013	9
Appendix 4: Course of indices for 2007 up to January 2013	10

GLOSSARY1
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### A note to the reader

he following report presents the price statistics for January 2013. At the end of January 2013 the Consumer Price Index (CPI) shows a decrease of 0.1% compared to the end of December 2012. The sector which affected the CPI the most was "Clothing and footwear" (-2.3%), which led to an effect of -0.12 percentage points (ppts) on the  $\Delta$  CPI of January 2013 (-0.1%). Compared to January 2012 the CPI decreased by 3.5%. The sector which affected the CPI the most was "Housing" (-10.8%). Specifically, prices of "Water supply and miscellaneous services relating to the dwelling" and "Electricity, gas and other fuels" decreased by respectively 27.0% and 15.0%. The decrease in prices of these categories caused an effect of -3.37 ppts on the end of period inflation of January 2013 (-3.5%). The period average inflation for the period January 2012 - January 2013 is -0.2%, which is 5.0 ppts lower compared to the period average inflation for the period January 2011 -January 2012 (4.8%). Utilities (Water and Electricity) did not register price changes in January 2013. The price of gasoline decreased by 0.6% and caused an effect of -0.04 ppts. The price of diesel registered also a decrease of 0.6% in January 2013 and had no effect on the  $\Delta$  CPI of January 2013 (-0.1%). This report is divided in 6 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

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movements in food & catering services 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 January 2013 is 116.78; a decrease of 0.1% compared to the CPI of December 2012 (116.85). An overview of the percentage change in the CPI ( $\Delta$  CPI) for different periods during 2012 and 2013 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 3.5%, while the deflation over a period of 24 months (period average inflation) is 0.2%.

#### Table 1: Overview of Δ CPI

		% Changes		iges Index	
Period		2013	2012	Current	Last
Monthly	Dec - Jan	-0.1	-0.3	116.78	116.85
Last 12 months <sup>1</sup>	Jan - Jan	-3.5	5.4	116.8	121.0
Last 24 months <sup>2</sup>	Jan - Jan	-0.2	4.8	119.8	119.9

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 January 2012, whereas the  $\Delta$  CPI for the month January for the years 2004 to 2013 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 January 2013. The percentage change in index is further denoted as  $\Delta$  I. The largest  $\Delta$  I is observed for the sector "Alcoholic beverages and tobacco" (8.5%).

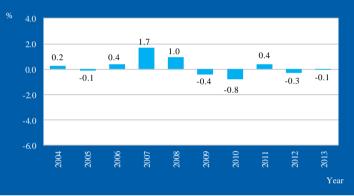
### 1.3 Changes in categories and subcategories

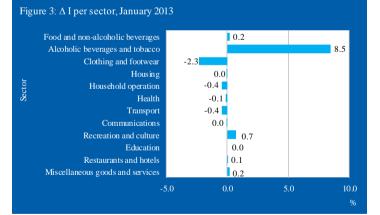
The largest positive and negative  $\Delta$  I is seen in the categories "Tobacco" (24.6%) and "Glassware, tableware and household utensils" (-5.2%), respectively. In the "Food and non-alcoholic beverages" sector an increase of 0.2% is observed for the category "Food". In the "Transport" sector the major  $\Delta$  I is observed for the category "Transport services" (-2.5%), which is mainly the result of decreases in "Plane tickets" of -3.8% <sup>1</sup> and "Gasoline" (-0.6%).

The categories which influenced the CPI calculation the most are "Clothing", "Tobacco" and "Holidays", which had an effect of respectively, -0.12, 0.07 and 0.05 ppts on the  $\Delta$  CPI. Reference is made to tables 13 and 14 in Appendices 1 and 2. Table 13 provides an overview of the indices for the months January 2012, December 2012 and January 2013 together with corresponding weights per sector and the monthly, end of period and period average percentage changes for January 2013. In table 14 an overview of the effect on the monthly, end of period and period average CPI per sector and category for January 2013 is presented. The course of indices for 2007 up to January 2013 is illustrated in Appendix 4.

#### Figure 1: Monthly $\triangle$ CPI, 2012 - 2013 0.4 0.2 0.4 0.1 -0.1 -0.1 -0.1 -0.3 -0.2 -0.4 -0.5 -1.5 -1.8 Jan-13 Month







<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 64% of the total weight of the basket of goods and services.

# **CONSUMER PRICE** INDEX APUDR End of period change January 2013

### 2 End of period change of the CPI

### 2.1 End of period change CPI for January 2013

The CPI decreased from 121.0 in January 2012 to 116.8 in January 2013, a decrease of 3.5%. This  $\Delta$  CPI is the lowest registered over a period of 5 years for the month January, and is 8.9 ppts lower than the  $\Delta$  CPI registered in 2012 (5.4%) (see table 2).

Period	Δ CPI	Index
2008-2009	-3.2	107.4
2009-2010	6.3	114.3
2010-2011	0.5	114.8
2011-2012	5.4	121.0
2012-2013	-3.5	116.8

Source: Central Bureau of Statistics Aruba

### 2.2 Changes in sector

An overview of the percentage change per sector over the period January 2012 - January 2013 is presented in table 3. The largest  $\Delta$  I is observed for the sector "Clothing and footwear" with a decrease of 11.5%. The decrease in the "Clothing and footwear" sector is mainly caused by a decrease in the category "Clothing" (12.4%). Furthermore, decreases of 10.8% and 3.5% are observed for the sectors "Housing" and "Household operation" respectively. A comparison of the  $\Delta$  I's for the years 2012 and 2013 is provided in figure 4.

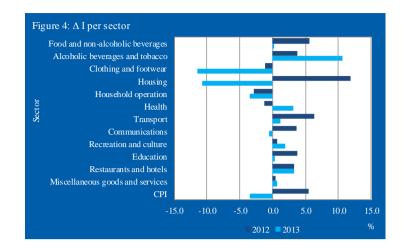
#### Table 3: Percentage change for January, 2012 - 2013

Sector	% Change
Food and non-alcoholic beverages	0.2
Alcoholic beverages and tobacco	10.6
Clothing and footwear	-11.5
Housing	-10.8
Household operation	-3.5
Health	3.1
Transport	1.2
Communications	-0.6
Recreation and culture	2.0
Education	0.3
Restaurants and hotels	3.3
Miscellaneous goods and services	0.7
СРІ	-3.5

Source: Central Bureau of Statistics Aruba

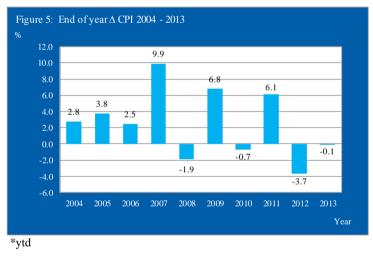
### **2.3 Changes in categories**

The largest positive and negative  $\Delta$  I in categories observed over a period of one year are respectively, "Holidays" (47.2%) and "Water supply and miscellaneous services relating to the dwelling" (-27.0%). For an overview of the end of period percentage changes per category refer to table 13 in Appendix 1.



### 2.4 End of year change CPI 2004 - 2013

The end of year  $\Delta$  CPI for the period 2004 - 2013 is shown in figure 5. The  $\Delta$  CPI for 2013 is calculated by comparing the CPI of January 2013 with the CPI of December 2012. At the end of each year, the end of year percentage change equals the ytd  $\Delta$ CPI. The vtd  $\Delta$  CPI for January 2013 is -0.1%.



### 2.5 Period average change CPI for January 2013

The period average change CPI ( $\Delta$  ACPI) for January 2013 is -0.2%. Table 4 provides an overview of the  $\Delta$  ACPI for the month January for the years 2009 to 2013. The  $\Delta$  ACPI for 2013 decreased by 5.0 ppts compared to 2012.

#### Table 4: Overview of Δ ACPI for January, 2009 - 2013

Period	Δ ΑCPI	Index
2008-2009	7.9	114.2
2009-2010	-1.4	112.7
2010-2011	1.6	114.5
2011-2012	4.8	119.9
2012-2013	-0.2	119.8

Source: Central Bureau of Statistics Aruba

The bureau of statistics 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 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 2007 up to January 2013 per sector and for the CPI is provided in figures 9-1 to 9-12 in Appendix 3.

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, 2012 - 2013

		Fuel	Fuel				
	Crude oil	surcharge <sup>2</sup>	surcharge <sup>2</sup>				
Month	per barrel <sup>1</sup>	≤ 500 kWh	501-1000 kWh	Electricity <sup>3</sup>	Water <sup>4</sup>	Gasoline⁵	Diesel⁵
Jan-12	100.53	32.49	38.47	363.27	195.47	219.40	201.70
Feb-12	101.32	32.49	38.47	363.27	195.47	229.90	209.40
Mar-12	106.30	32.49	38.47	363.27	195.47	242.10	217.40
Apr-12	103.25	32.49	38.47	363.27	195.47	252.40	219.80
May-12	96.11	32.49	38.47	363.27	195.47	252.30	217.30
Jun-12	83.22	32.49	38.47	363.27	195.47	235.20	204.60
Jul-12	87.69	32.49	38.47	363.27	195.47	223.60	191.60
Aug-12	93.71	32.49	38.47	363.27	137.05	228.70	203.20
Sep-12	94.57	32.49	38.47	363.27	137.05	244.70	214.40
Oct-12	90.04	32.49	38.47	363.27	137.05	244.90	218.10
Nov-12	86.48	24.60	30.90	306.75	137.05	233.00	215.70
Dec-12	87.77	24.60	30.90	306.75	137.05	220.20	207.60
Jan-13	94.04	24.60	30.90	306.75	137.05	218.80	206.40

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> Fuel surcharge 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 January 2013, it remained at Afl. 306.75. Figure 6-1 provides an overview of the course of changes in the electricity price for the period 2009 to 2013.

The component in the electricity tariff which is sensitive to price changes is the fuel surcharge (brandstofclausule). Fuel surcharge for a usage of electricity up to 500 kWh surcharge did not change in January 2013, it stayed at Afl. 24.60 cents per kWh. Fuel surcharge for a usage of electricity between 501 - 1000 kWh did not change in January 2013, it stayed at Afl. 30.90 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 2009 to 2013. The water price for an average usage by households did not change in January 2013, it remained at Afl. 137.05.

### **3.4 Gasoline and Diesel**

The retail price of gasoline decreased by 0.6% from 220.2 cents per liter in December 2012 to 218.8 cents per liter in January 2013. In January 2013, the retail price of diesel registered a decrease of 0.6% from 207.6 cents per liter in December 2012 to 206.4 cents per liter.

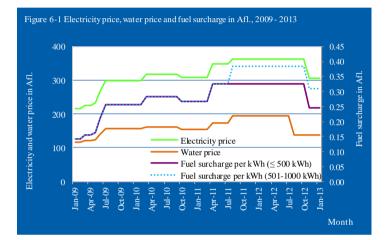
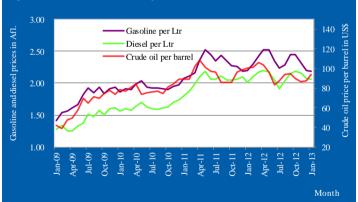


Figure 6-2 Gasoline, diesel and crude oil prices, 2009 - 2013



CDS CONSUMER PRICE INDEX Aruba 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 January 2012. In January 2013 the  $\Delta$  CPI of the USA and the Netherlands were respectively 0.3% and 0.0%. The  $\Delta$  CPI of Curaçao for January 2013 is not yet available.

#### Table 6: Monthly Δ CPI 2012 - 2013 per Country

Period	Aruba	USA	Curaçao	Netherlands	
Jan-12	-0.3	0.4	0.6	-0.1	
Feb-12	0.4	0.4	0.1	0.8	
Mar-12	0.2	0.8	0.4	1.1	
Apr-12	0.1	0.3	0.3	0.4	
May-12	-0.1	-0.1	0.4	-0.1	
Jun-12	-0.5	-0.1	0.2	-0.5	
Jul-12	-0.4	-0.2	0.0	0.7	
Aug-12	-1.5	0.6	-0.2	0.1	
Sep-12	0.4	0.4	0.1	0.4	
Oct-12	-0.1	0.0	0.7	0.6	
Nov-12	-1.8	-0.5	0.7	-0.4	
Dec-12	-0.2	-0.3	-0.7	-0.1	
Jan-13	-0.1	0.3	n.a.	0.0	
Source: CBS Aruba, Bureau of Labor Statistics (USA).					

CBS Curação and CBS Netherlands

The USA is considered Aruba's largest trading partner<sup>2</sup>. Table 7 provides an overview of the  $\Delta$  CPI for Aruba and the USA for 2013. Aruba's monthly  $\Delta$  CPI for January 2013 is 0.4 ppts lower than the  $\Delta$  CPI of the USA.

#### Table 7: Overview of Δ CPI, 2013

	Aruba	USA
Dec - Jan	-0.1	0.3
Jan - Jan	-3.5	1.6
Jan - Jan	-0.2	2.0
	Dec - Jan Jan - Jan Jan - Jan	Dec - Jan -0.1 Jan - Jan -3.5

Source: Central Bureau of Statistics Aruba

<sup>2</sup> Period average inflation

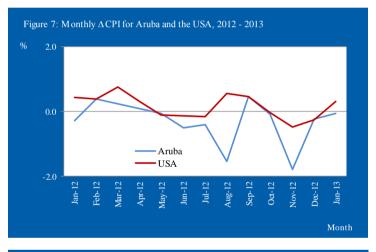
The  $\Delta$  CPI of Aruba over the last 12 months is 5.1 ppts lower compared to the USA's 12-month  $\Delta$  CPI. The  $\Delta$  CPI over the last 24 months for Aruba is 2.2 ppts lower than the  $\Delta$  CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the end of year  $\Delta$  CPI over the period 2003 - 2013 for Aruba and the USA is provided in table 8 and figure 8.

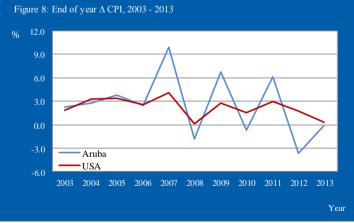
#### Table 8: End of year △ CPI, 2003 - 2013

Period	Aruba	USA
2003	2.3	1.9
2004	2.8	3.3
2005	3.8	3.4
2006	2.5	2.5
2007	9.9	4.1
2008	-1.9	0.1
2009	6.8	2.7
2010	-0.7	1.5
2011	6.1	3.0
2012	-3.7	1.7
2013	-0.1	0.3

Source: Central Bureau of Statistics Aruba

\* ytd





\*ytd

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

 $<sup>^2</sup>$  "51% of Aruba's import by sea and air originates from the USA" (Source: Foreign Trade Statistics Report, 2<sup>nd</sup> Quarter 2012).

# CDS Consumer Price Index Aruba

Core inflatior

### **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 January 2013 the core inflation (measured over the period January 2012 - 2013) was -0.1%, 2.1 ppts lower compared to January 2012. In January 2013 the food index shows an increase of 2.0%, while the energy index had a decrease of 1.5%. Over the past year the food index decreased by 2.9 ppts and the energy index decreased by 15.6 ppts. Table 9 provides an overview of the monthly inflation and core inflation starting from January 2012.

#### Table 9: Monthly inflation<sup>1</sup> and core inflation, 2012 - 2013

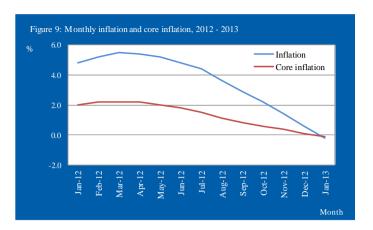
				Core
Period	Inflation	Food	Energy <sup>2</sup>	Inflation
Jan-12	4.8	4.9	14.1	2.0
Feb-12	5.2	5.2	15.2	2.2
Mar-12	5.5	5.3	16.6	2.2
Apr-12	5.4	5.4	16.1	2.2
May-12	5.2	5.5	15.3	2.0
Jun-12	4.8	5.3	14.4	1.8
Jul-12	4.4	5.1	13.5	1.5
Aug-12	3.6	4.8	10.9	1.1
Sep-12	2.9	4.3	8.6	0.8
Oct-12	2.2	3.7	6.4	0.6
Nov-12	1.4	3.1	3.7	0.4
Dec-12	0.6	2.5	1.0	0.1
Jan-13	-0.2	2.0	-1.5	-0.1

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 January 2012.



# **5.3 End of year change of the core inflation**, 2008 - 2013

The end of year core inflation of the total population of Aruba for the year 2013 (up to January) is -0.1%, 0.2 ppts lower than the core inflation of 2012. Table 10 provides an overview of the end of year inflation and core inflation over the period 2008 - 2013.

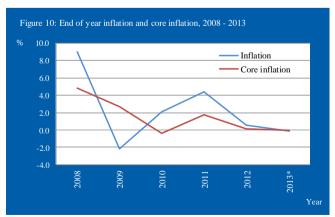
The end of year inflation and core inflation is presented in figure 10 over the period 2008 - 2013.

### Table 10: End of year core inflation, 2008 - 2013

Period	2008	2009	2010	2011	2012	2013*
Inflation	9.0	-2.1	2.1	4.4	0.6	-0.2
Food	12.2	4.6	-2.7	4.5	2.5	2.0
Electricity	25.3	-18.5	18.0	10.3	2.5	-0.2
Water	25.2	-18.8	14.0	11.5	-3.6	-8.1
Gasoline and diesel	14.5	-22.6	10.6	18.9	2.7	2.2
Core inflation	4.8	2.7	-0.4	1.7	0.1	-0.1

Source: Central Bureau of Statistics Aruba

\*current month



\*current month

### 6 Development of Food & catering services

### 6.1 Monthly change of Food & catering services for January 2013

The "Food & catering services" index increased by 0.1% in January 2013 after increasing 0.2% in December 2012. The index for "Food at home" shows an increase of 0.2% in January, as six of the eleven "Food at home" indices increased in January 2013. The "Vegetables" index registered the largest increase (2.4%) in January and was caused by increases of 8.0% and 3.9% in the indices for "Celery and broccoli" and "Onions", respectively. The "Fish and other seafood" index increased by 1.1%. The index for "Meat" shows an increase of 0.9% after declining in the two previous months. The index for "Sugar, jam, honey and other confectionery" shows an increase of 0.7%, its fourth consecutive increase. The "Potatoes and other tubers" index decreased the most (-3.9%), followed by decreases of 2.3% and 0.7% in the indices for "Fruit" and "Oils and fats", respectively.

Table 11 provides an overview of the corresponding weights per food group together with the percentage changes and effect for January 2013.

#### Table 11: Percentage change of Food for January 2013

Food	Weight	% Change	Effect
Food & catering services	1,492.8	0.1	0.02
Food at home	1,125.3	0.2	0.02
Bread and cereals	205.2	0.3	0.01
Meat	229.8	0.9	0.03
Fish and other seafood	56.4	1.1	0.01
Milk, cheese and eggs	140.0	-0.2	0.00
Oils and fats	31.6	-0.7	0.00
Fruit	72.0	-2.3	-0.03
Potatoes and other tubers	18.5	-3.9	-0.01
Vegetables	75.7	2.4	0.03
Sugar, jam, honey and other confectionery	49.6	0.7	0.00
Food products n.e.c.	82.7	0.1	0.00
Non-alcoholic beverages	163.9	0.0	0.00
Food away from home	367.5	-0.1	0.00

Source: Central Bureau of Statistics Aruba

Reference is made to table 15 in Appendix 3. Table 15 provides an overview of the monthly and end of period percentage changes and effect for January 2013 for the food groups.

In January 2013, "Food at home" and "Food away from home" as a group show an increase in price of 0.1% compared to December 2012, and had an influence of 0.02 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.

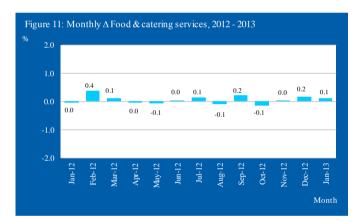
An overview of the percentage change and effect for "Food at home" and "Food away from home" for January 2013 is presented in table 12.

### Table 12: Effect on the CPI of January 2013 of "Food at home" and "Food away from home"

Weight	% Change	Effect
1,125.3	0.2	0.02
367.5	-0.1	0.00
1,492.8	0.1	0.02
8,507.2	-0.1	-0.08
10,000.0	-0.1	-0.06
	1,125.3 367.5 1,492.8 8,507.2	367.5-0.11,492.80.18,507.2-0.1

Source: Central Bureau of Statistics Aruba

Figure 11 depicts the monthly  $\Delta$  Food and catering services over a period of one year starting from January 2012.



### 6.2 End of Period change of Food & catering services for January 2013

Over the last 12 months the "Food & catering services" index has increased by 0.9%. The "Food at home" index shows an increase of 0.2%. The "Fish and other seafood" index increased by 5.2%, the largest increase among the "Food at home" food groups, while the "Potatoes and other tubers" index (-7.8%) shows the largest decrease.

COS Consumer Price Index Aruba

DESCRIPTION	WEIGHT coefficient	2012 Jan	2012 Dec	2013 Jan	Monthly Dec - Jan	End of period Jan 12 - Jan 13	Period ave Jan 12 - Ja
Food and non-alcoholic beverages Food	1,125.3		141.7		<b>0.2</b> 0.2	<b>0.2</b> -0.3	<b>2.2</b> 2.0
Non-alcoholic beverages			143.0		0.2	3.2	3.4
Non-alconoile beverages	103.5	120.5	150.0	150.0	0.0	5.2	5.4
Alcoholic beverages and tobacco			127.8		8.5	10.6	3.0
Alcoholic beverages for consumption at home			116.8		0.3	2.5	1.5
Tobacco	22.6	154.8	156.8	195.3	24.6	26.2	6.0
Clothing and footwear	625.9	108.8	98.5	96.3	-2.3	-11.5	-8.0
Clothing	550.4	110.3	99.2	96.6	-2.6	-12.4	-8.5
Footwear	75.5	97.2	93.2	93.5	0.4	-3.8	-3.8
Housing	2,553.3	145.6	130.0	129.9	0.0	-10.8	-1.1
Actual rentals for housing			142.5		0.1	2.0	3.3
Maintenance and repair of the dwelling			101.7		-0.5	-3.5	-4.4
Water supply and miscellaneous services relating to the dwelling			120.0		0.0	-27.0	-7.2
Electricity, gas and other fuels			139.3		0.0	-15.0	0.0
Lieuticity, gas and other rues	748.8	105.5	155.5	155.5	0.0	-15.0	0.0
Household operation	741.3	102.9	99.7	99.3	-0.4	-3.5	-4.2
Furniture, furnishings, carpets and other floor coverings	142.1	76.5	70.3	69.1	-1.6	-9.6	-14.0
Household textiles	69.5	143.4	128.8	129.6	0.6	-9.6	-12.1
Household appliances	111.3	74.2	71.1	70.8	-0.4	-4.6	-6.6
Glassware, tableware and household utensils	31.8	92.1	82.7	78.4	-5.2	-14.8	-19.2
Tools and equipment for house and garden	40.0	86.9	83.9	83.2	-0.7	-4.2	-7.9
oods and services for routine household maintenance and cleaning	346.6	117.6	118.5	118.4	-0.1	0.7	2.9
Health	235.8	91.4	94.4	94.3	-0.1	3.1	2.0
Medical products, appliances and equipment	140.3	95.5	99.9	99.9	0.0	4.6	3.1
Out-patient services	57.2	81.4	81.4	81.4	0.0	0.0	-0.2
Other health products and services	38.3	91.7	93.5	93.1	-0.5	1.5	0.9
· · · · · · · · · · · · · · · · · · ·							
Transport	1,815.4	115.8	117.7	117.2	-0.4	1.2	2.8
Purchase of vehicles	811.4	102.7	106.1	106.1	0.0	3.3	3.0
Operation of personal transport equipment	840.1	132.4	132.6	132.0	-0.4	-0.3	2.2
Transport services	163.8	96.0	99.2	96.7	-2.5	0.7	6.4
Communications	706.3	87.3	86.9	86.8	0.0	-0.6	0.9
Postal services	6.1	105.2	113.1	113.1	0.0	7.5	3.7
Telephone and telefax equipment	29.6	29.0	26.2	25.7	-1.7	-11.3	-24.5
Telephone and telefax services	670.6	89.7	89.3	89.3	0.0	-0.5	1.3
Description and a large	004.0						
Recreation and culture Audio-visual, photographic and information processing equipment		100.7	<b>112.9</b> 92.1	91.8	<b>0.7</b> -0.3	<b>2.0</b> -8.8	- <b>2.2</b> -13.0
Other major durables for recreation and culture		80.5		64.9	0.0	-19.4	-13.0
Other recreational items and equipment; gardens and pets			137.3		0.0	2.7	-27.7
Recreational and cultural services			103.9		0.0	-1.1	-0.9
Newspapers, books and stationery		105.1		100.2	1.4	-4.6	-0.5
Holidays			131.3		6.9	47.2	2.6
Education			116.6		0.0	0.3	1.7
Pre primary and primary education			109.1		0.0	0.0	0.0
Secondary education			116.9		0.0	0.0	2.3
Post-secondary non-tertiary education			129.4		0.0	0.0	1.6
Tertiary education			126.2		0.0	2.1	4.2
Education not definable by level	12.4	121.1	121.6	121.6	0.0	0.5	2.0
Restaurants and hotels	373.7	120.8	124.6	124.8	0.1	3.3	4.7
Catering services	367.5	121.2	125.3	125.3	-0.1	3.4	4.8
Accommodation services			83.4		13.3	-2.9	-3.2
Miscellaneous goods and services	767.0	00.0	100.3	100 €	0.2	0.7	0.3
Personal care			112.5		0.2	1.2	1.9
Personal effects n.e.c.			112.5		2.0	1.2	-4.9
Social protection			114.7		0.0	0.0	-4.9
Insurance			85.1		0.0	0.0	0.0
Insurance Financial services n.e.c.	289.1	85.1 93.9		85.1 94.6	0.0	0.0	0.0
Filialicial services fi.e.c.	20.9				0.1	0.8	0.5
	93.0	93.9	94.n	94.n			
Other services n.e.c.	93.0	93.9	94.6	94.6	0.1	0.8	0.5

### Table 13: Monthly & Yearly Changes (%) in the Consumer Price Index for January 2013, Total Population (Dec 2006 = 100)

CDS Consumer Price Index Aruba

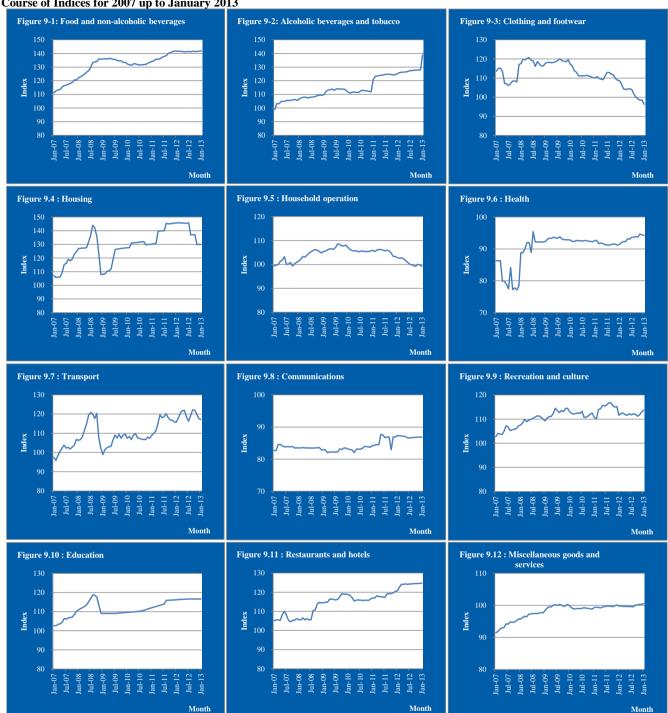
DESCRIPTION	WEIGHT coefficient	Monthly Dec - Jan	End of period Jan 12 - Jan 13	Period aver Jan 12 - Jar
Food and non-alcoholic beverages	1,125.3	0.02	0.02	0.28
Food Non-alcoholic beverages	961.4 163.9	0.02 0.00	-0.03 0.06	0.22 0.06
Non-alconolic beverages	105.9	0.00	0.00	0.00
Alcoholic beverages and tobacco	81.9	0.08	0.09	0.03
Alcoholic beverages for consumption at home	59.3	0.00	0.01	0.01
Тоbассо	22.6	0.07	0.08	0.02
Clothing and footwear	625.9	-0.12	-0.65	-0.46
Clothing	550.4	-0.12	-0.62	-0.44
Footwear	75.5	0.00	-0.02	-0.02
Housing	2,553.3	-0.01	-3.31	-0.32
Actual rentals for housing	854.2	0.01	0.20	0.33
Maintenance and repair of the dwelling	444.6	-0.02	-0.13	-0.17
Water supply and miscellaneous services relating to the dwelling	505.7	0.00	-1.85	-0.47
Electricity, gas and other fuels	748.8	0.00	-1.52	0.00
Household operation	741.3	-0.03	-0.22	-0.28
Furniture, furnishings, carpets and other floor coverings	142.1	-0.01	-0.09	-0.14
Household textiles	69.5	0.00	-0.08	-0.11
Household appliances	111.3	0.00	-0.03	-0.05
Glassware, tableware and household utensils	31.8	-0.01	-0.04	-0.05
Tools and equipment for house and garden	40.0	0.00	-0.01	-0.02
Goods and services for routine household maintenance and cleaning	346.6	0.00	0.02	0.10
Health	235.8	0.00	0.06	0.04
Medical products, appliances and equipment	140.3	0.00	0.05	0.03
Out-patient services	57.2	0.00	0.00	0.00
Other health products and services	38.3	0.00	0.00	0.00
Transport	1,815.4	-0.08	0.21	0.49
Purchase of vehicles	811.4	0.00	0.23	0.21
Operation of personal transport equipment	840.1	-0.04	-0.03	0.21
Transport services	163.8	-0.04	0.01	0.08
Communications	706.3	0.00	-0.03	0.05
Postal services	6.1	0.00	0.00	0.00
Telephone and telefax equipment	29.6	0.00	-0.01	-0.02
Telephone and telefax services	670.6	0.00	-0.02	0.07
Recreation and culture	891.2	0.06	0.16	-0.19
Audio-visual, photographic and information processing equipment	123.8	0.00	-0.09	-0.19
Other major durables for recreation and culture	123.8	0.00	-0.02	-0.14
Other recreational items and equipment; gardens and pets	260.1	0.00	0.08	0.06
Recreational and cultural services	335.0	0.00	-0.03	-0.03
Newspapers, books and stationery	82.1	0.01	-0.03	-0.06
Holidays	71.0	0.05	0.26	0.02
Education	83.0	0.00	0.00	0.01
Pre primary and primary education	30.4	0.00	0.00	0.00
Secondary education	25.2	0.00	0.00	0.00
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00
Tertiary education	10.4	0.00	0.00	0.00
Education not definable by level	12.4	0.00	0.00	0.00
<b>N</b>		0.00	0.42	o 4-
Restaurants and hotels Catering services	<b>373.7</b> 367.5	<b>0.00</b> 0.00	<b>0.12</b> 0.12	<b>0.17</b> 0.18
Accommodation services	6.2	0.01	0.00	0.00
Miscellaneous goods and services Personal care	<b>767.0</b> 262.0	<b>0.01</b> 0.00	0.05 0.03	<b>0.02</b> 0.04
Personal effects n.e.c.	67.3	0.00	0.01	-0.03
Social protection	28.7	0.00	0.00	0.00
Insurance	289.1	0.00	0.00	0.00
Financial services n.e.c.	26.9	0.00	0.00	0.00
Other services n.e.c.	93.0	0.00	0.01	0.00
CPI	10,000	-0.06	-3.49	-0.16

Table 14: Effect on the Consumer Price Index per sector and category for January 2013 (Dec 2006 = 100)

		% C	hange	Effect		
ESCRIPTION	WEIGHT	Monthly	End of period	Monthly End of period		
	coefficient	Dec - Jan	Jan 12 - Jan 13	Dec - Jan	Jan 12 - Jan 13	
ood & catering services	1,492.8	0.1	0.9	0.02	0.15	
Food at home	1,125.3	0.2	0.2	0.02	0.02	
Bread and cereals	205.2	0.3	1.1	0.01	0.02	
Rice	18.8	0.7	-0.8	0.00	0.00	
Bread	98.1	0.3	1.4	0.00	0.01	
Pasta products	7.6	-0.2	6.0	0.00	0.00	
Other cereals and cereal products	80.7	0.4	0.7	0.00	0.01	
Meat	229.8	0.9	-1.4	0.03	-0.04	
Bovine	44.7	0.7	0.2	0.00	0.00	
Swine	28.1	0.6	-3.5	0.00	-0.01	
Poultry	59.5	1.7	-2.9	0.01	-0.02	
Other meat and meat preparations	97.5	0.6	-0.4	0.01	0.00	
Fish and other seafood	56.4	1.1	5.2	0.01	0.03	
Fish and seafood preparations	56.4	1.1	5.2	0.01	0.03	
	140.0		10	0.00	6.00	
Milk, cheese and eggs	140.0	-0.2	-1.9	0.00	-0.03	
Milk	58.8	0.0	0.5	0.00	0.00	
Cheese	46.9	-1.2	-4.1	-0.01	-0.02	
Eggs	14.3	3.2	0.8	0.00	0.00	
Other milk products	19.9	-0.3	-8.3	0.00	-0.01	
Oils and fats	31.6	-0.7	-1.3	0.00	-0.01	
Butter and margarine	9.9	-0.4	0.6	0.00	0.00	
Corn oil	9.4	-0.9	-4.2	0.00	-0.01	
Other oils and fats	12.3	-0.7	0.0	0.00	0.00	
Fruit	72.0	-2.3	-1.9	-0.03	-0.03	
Oranges, lemons and mandarins	11.1	-3.0	-0.9	0.00	0.00	
Bananas and plantains	13.8	-1.7	-6.0	0.00	-0.01	
Apples and pears	11.2	2.1	2.3	0.00	0.00	
Grapes	6.0	2.7	8.5	0.00	0.01	
Melons and watermelons	6.7	-6.2	-15.0	-0.01	-0.04	
Nuts	6.9	0.4	7.7	0.00	0.00	
Other fruits and fruit products	16.4	-3.6	2.5	-0.02	0.01	
Potatoes and other tubers	18.5	-3.9	-7.8	-0.01	-0.02	
Potatoes	11.2	-5.0	-8.5	-0.01	-0.01	
	2.5	-0.9	-8.1	0.00	0.00	
Sweet potatoes and yucca Other tubers	4.8	-0.9	-4.3	0.00	0.00	
Other tubers	4.8	-0.2	-4.3	0.00	0.00	
Vegetables	75.7	2.4	0.0	0.03	0.00	
Lettuce	6.7	2.0	-20.2	0.00	-0.01	
Celery and broccoli	6.3	8.0	5.0	0.01	0.01	
Tomatoes & peppers	15.5	2.2	0.3	0.00	0.00	
Onions	7.8	3.9	-1.6	0.01	-0.01	
Frozen vegetable mixtures	6.7	-0.1	3.8	0.00	0.00	
Other vegetables	12.7	-1.0	0.1	0.00	0.00	
Other preserved or processed vegetables	20.0	0.5	3.4	0.00	0.01	
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Sugar, jam, honey and other confectionery	49.6	0.7	2.7	0.00	0.01	
Sugar	14.4	0.2	-0.5	0.00	0.00	
Jams and jellies	2.8	0.2	0.8	0.00	0.00	
Other confectionery products	32.4	1.1	4.8	0.00	0.01	
Food products n.e.c.	82.7	0.1	2.7	0.00	0.02	
Other food products	82.7	0.1	2.7	0.00	0.02	
		~ ~	~ ~			
Non-alcoholic beverages	163.9	0.0	3.2	0.00	0.06	
Coffee and tea	30.1	-0.3	4.2	0.00	0.01	
Soft and sports drinks	49.7	-0.1	6.1	0.00	0.03	
Fruit juices	61.0	0.3	1.9	0.00	0.01	
Other non-alcoholic beverages	23.1	-0.5	1.0	0.00	0.00	
Food away from home	367.5	-0.1	3.4	0.00	0.12	
Food and beverage consumption away from home	367.5	-0.1	3.4	0.00	0.12	
ther goods and services	8,507.2	-0.1	-4.4	-0.08	-3.64	
Other goods	<b>8,507.2</b> 5,147.2	-0.1	-4.4	-0.11	- <b>3.64</b> -4.04	
Other services	3,360.0	-0.2	1.3	0.03	0.40	
	2,00010			2.05	0.10	
2	10,000	-0.1	-3.5	-0.06	-3.49	

#### Table 15: Monthly & Yearly Changes (%) and effect in the Food & catering services for January 2013, Total Population (Dec 2006 = 100)

Source: Central Bureau of Statistics Arubo



### Course of Indices for 2007 up to January 2013

### 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 end of period inflation percentage change in CPI (period average inflation) is calculated by comparing the annual average CPI of the concerning period with the annual average CPI of the concerning period 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.