# **Consumer Price Index**

# March 2012





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# A note to the reader

he following report presents the price statistics for March 2012. At the end of March 2012 the Consumer Price Index (CPI) shows an increase of 0.2% compared to the end of February 2012. The sector which affected the CPI the most was "Transport" (2.2%), which led to an effect of 0.38 percentage points (ppts) on the  $\Delta$  CPI of March 2012 (0.2%). Compared to March 2011 the CPI increased by 5.1%. The sector which affected the CPI the most was "Housing" (11.4%). Specifically, prices of "Water supply and miscellaneous services relating to the dwelling" and "Electricity, gas and other fuels" increased by respectively 23.9% and 17.2%. The increase in prices of these categories caused an effect of 2.94 ppts on the end of period inflation of March 2012 (5.1%). The period average inflation for the period March 2011 - March 2012 is 5.5%, which is 4.6 ppts higher compared to the period average inflation for the period March 2010 -March 2011 (0.9%). Utilities (Water and Electricity) did not register price changes in March 2012. The price of gasoline increased by 5.3% and caused an effect of 0.34 ppts. The price of diesel registered an increase of 3.8% in March 2012 and caused an effect of 0.01 ppt on the  $\Delta$ CPI of March 2012 (0.2%).

This report is divided in 5 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, and is followed by the appendices.

For other specific information contact us at CBS or visit <u>www.cbs.aw</u>.

#### **Contact information:**

Central Bureau of Statistics L.G. Smith Boulevard 160 Oranjestad - Aruba Phone: 583-7433 ext 296 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 March 2012 is 121.8; an increase of 0.2% compared to the CPI of February 2012 (121.5). An overview of the percentage change in the CPI ( $\Delta$  CPI) for different periods during 2011 and 2012 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 5.1%, while the inflation over a period of 24 months (period average inflation) is 5.5%.

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

		% Changes		Index	
Period		2012	2011	2012	2011
Monthly	Feb - Mar	0.2	0.7	121.8	121.5
Year-to-date	Dec - Mar	0.3	1.3	121.8	121.4
Last 12 months <sup>1</sup>	Mar - Mar	5.1	1.3	121.8	115.9
Last 24 months <sup>2</sup>	Mar - Mar	5.5	0.9	121.0	114.7

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 March 2011, whereas the  $\Delta$  CPI for the month March for the years 2003 to 2012 is illustrated in Figure 2.

# **1.2 Changes in sector**

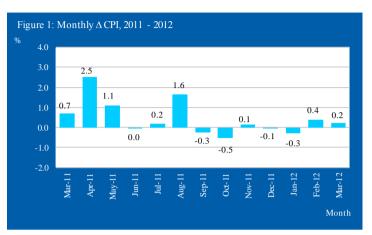
Figure 3 provides an overview of the percentage changes for the indices per sector for March 2012. The percentage change in index is further denoted as  $\Delta$  I. The largest  $\Delta$  I is observed for the sectors "Clothing and footwear" (-2.2%) and "Transport" (2.2%).

## 1.3 Changes in categories and subcategories

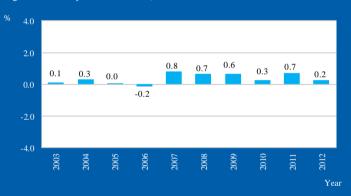
The largest positive and negative  $\Delta$  I is seen in the categories "Holidays" (19.0%) and "Other major durables for recreation and culture" (-13.9%), respectively. In the "Housing" sector a decrease of 2.0% is observed for the category "Maintenance and repair of the dwelling". In the "Transport" sector the major  $\Delta$  I is observed for the category "Operation of personal transport equipment" (3.7%), which is mainly the result of an increase in "Gasoline" of 5.3%<sup>1</sup>.

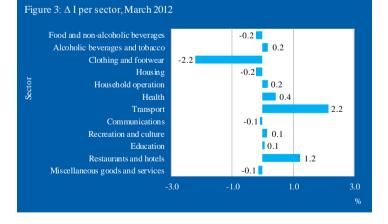
The categories which influenced the CPI calculation the most are "Operation of personal transport equipment", "Clothing" and "Holidays", which had an effect of respectively, 0.35, -0.13 and 0.12 ppts on the  $\Delta$  CPI. Reference is made to tables 11 and 12 in Appendices 1 and 2. Table 11 provides an overview of the indices for the months March 2011, December 2011, February 2012 and March 2012 together with corresponding weights per sector and the monthly, year-to-date (ytd), end of period and period average percentage changes for March 2012. In table 12 an overview of the effect on the monthly, ytd, end of period and period average CPI

per sector and category for March 2012 is presented. The course of indices for 2006 up to March 2012 is illustrated in Appendix 3.



#### Figure 2: Monthly $\triangle$ CPI for March, 2003 - 2012





<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.

# S Consumer Price Index Aruba End of period change March 2012

# 2 End of period change of the CPI

# 2.1 End of period change CPI for March 2012

The CPI increased from 115.9 in March 2011 to 121.8 in March 2012, an increase of 5.1%. This  $\Delta$  CPI is the second highest registered over a period of 5 years for the month March, and is 3.8 ppts higher than the  $\Delta$  CPI registered in 2011 (1.3%) (see table 2).

Table 2: End of period Δ CPI for Ma	arch, 2008 - 2012
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Period	Δ CPI
2007-2008	9.7
2008-2009	-2.9
2009-2010	5.0
2010-2011	1.3
2011-2012	5.1

Source: Central Bureau of Statistics Aruba

## 2.2 Changes in sector

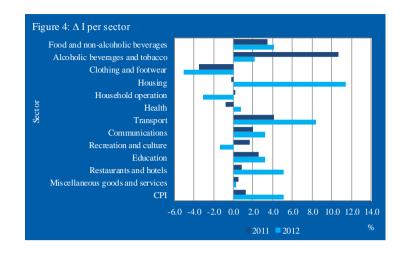
An overview of the percentage change per sector over the period March 2011 - March 2012 is presented in table 3. The largest  $\Delta$  I is observed for the sector "Housing" with an increase of 11.4%. The increase in the "Housing" sector is mainly caused by increases in the categories "Water supply and miscellaneous services relating to the dwelling" (23.9%) and "Electricity, gas and other fuels" (17.2%). Furthermore, increases of 8.4% and 5.1% are observed for the sectors "Transport" and "Restaurants and hotels" respectively. A comparison of the  $\Delta$  I's for the years 2011 and 2012 is provided in figure 4.

Period	% Change
Food and non-alcoholic beverages	4.1
Alcoholic beverages and tobacco	2.2
Clothing and footwear	-5.1
Housing	11.4
Household operation	-3.1
Health	0.8
Transport	8.4
Communications	3.3
Recreation and culture	-1.3
Education	3.2
Restaurants and hotels	5.1
Miscellaneous goods and services	0.3
CPI	5.1

Source: Central Bureau of Statistics Aruba

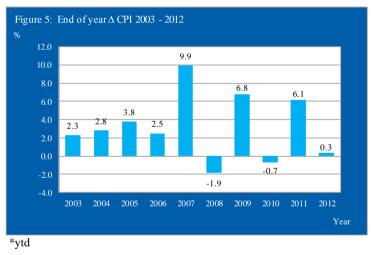
# **2.3 Changes in categories**

The largest positive and negative  $\Delta$  I in categories observed over a period of one year are respectively, "Holidays" (24.7%) and "Other major durables for recreation and culture" (-29.5%). For an overview of the end of period percentage changes per category refer to table 11 in Appendix 1.



# 2.4 End of year change CPI 2003 - 2012

The end of year  $\Delta$  CPI for the period 2003 - 2012 is shown in figure 5. The  $\Delta$  CPI for 2012 is calculated by comparing the CPI of March 2012 with the CPI of December 2011. At the end of each year, the end of year percentage change equals the ytd  $\Delta$ CPI. The vtd  $\Delta$  CPI for March 2012 is 0.3%.



# 2.5 Period average change CPI for March 2012

The period average change CPI ( $\Delta$  ACPI) for March 2012 is 5.5%. Table 4 provides an overview of the  $\Delta$  ACPI for the month March for the years 2008 to 2012. The  $\Delta$  ACPI for 2012 increased by 4.6 ppts compared to 2011.

Table 4: Overview of  $\Delta$  ACPI for March, 2008 - 2012

Δ ACPI
6.9
5.7
-0.1
0.9
5.5

Source: Central Bureau of Statistics Aruba

TITAL DUREAU OF STATISTICS CONSUMER PRICE INDEX ATUBA 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 2006 up to March 2012 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, 2011 - 2012

Month	Crude oil per barrel <sup>1</sup>	Fuel surcharge <sup>2</sup> ≤ 500 kWh	Fuel surcharge <sup>2</sup> > 500 kWh	Electricity <sup>3</sup>	Water <sup>4</sup>	Gasoline <sup>5</sup>	Diesel <sup>5</sup>
Mar-11	102.25	26.83	26.83	308.72	153.95	216.70	198.10
Apr-11	108.71	32.49	32.49	349.78	172.60	235.80	210.20
May-11	100.81	32.49	32.49	349.78	172.60	251.90	218.10
Jun-11	97.39	32.49	32.49	349.78	172.60	245.00	206.00
Jul-11	96.68	32.49	32.49	349.78	172.60	235.00	206.70
Aug-11	86.03	32.49	38.47	363.27	195.47	243.00	211.10
Sep-11	85.95	32.49	38.47	363.27	195.47	235.00	204.70
Oct-11	85.98	32.49	38.47	363.27	195.47	227.00	204.40
Nov-11	96.61	32.49	38.47	363.27	195.47	226.60	205.70
Dec-11	98.72	32.49	38.47	363.27	195.47	219.10	210.10
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

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 March 2012, it remained at Afl. 363.27. Figure 6-1 provides an overview of the course of changes in the electricity price for the period 2008 to 2012.

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 did not change in March 2012, it stayed at 32.49 cents per kWh. Fuel surcharge for usage of each kWh above 500 kWh did not change either in March 2012, it stayed at 38.47 cents per kWh. Figure 6-1 shows these components of the electricity tariff in Afl. per kWh per month.

### 3.3 Water

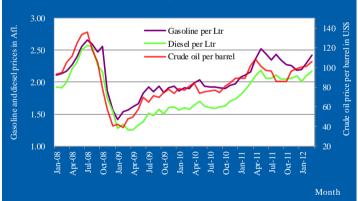
The price of water is determined in Afl. for an average usage (water consumption) by households. Figure 6-1 provides an overview of the course of changes in the water price for the period 2008 to 2012. The water price for an average usage by households did not change in March 2012, it remained at Afl. 195.47.

## **3.4 Gasoline and Diesel**

The retail price of gasoline increased by 5.3% from 229.9 cents per liter in February 2012 to 242.1 cents per liter in March 2012. In March 2012, the retail price of diesel registered an increase of 3.8% from 209.4 cents per liter in February 2012 to 217.4 cents per liter.



Figure 6-2 Gasoline, diesel and crude oil prices, 2008 - 2012



UCDS 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 March 2011. In March 2012 the  $\Delta$  CPI of the USA, Curaçao and Netherlands were respectively 0.8%, 0.4% and 1.1%.

#### Table 6: Monthly Δ CPI 2011 - 2012 per Country

Period	Aruba	USA	Curaçao	Netherlands	
Mar-11	0.7	1.0	0.2	1.1	
Apr-11	2.5	0.6	-0.3	0.5	
May-11	1.1	0.5	0.2	0.1	
Jun-11	0.0	-0.1	0.3	-0.5	
Jul-11	0.2	0.1	1.5	0.5	
Aug-11	1.6	0.3	0.3	0.2	
Sep-11	-0.3	0.2	0.3	0.4	
Oct-11	-0.5	-0.2	0.2	0.0	
Nov-11	0.1	-0.1	-0.1	-0.3	
Dec-11	-0.1	-0.2	0.2	-0.3	
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	
Source: CB	Source: CBS Aruba, Bureau of Labor Statistics (USA).				

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 for 2012. Aruba's monthly  $\Delta$  CPI for March 2012 is 0.6 ppts lower than the  $\Delta$  CPI of the USA.

#### Table 7: Overview of Δ CPI, 2012

Period		Aruba	USA
Monthly	Feb - Mar	0.2	0.8
Year-to-date	Dec - Mar	0.3	1.6
Last 12 months <sup>1</sup>	Mar - Mar	5.1	2.7
Last 24 months <sup>2</sup>	Mar - Mar	5.5	3.3

Source: Central Bureau of Statistics Aruba

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

<sup>2</sup> Period average inflation

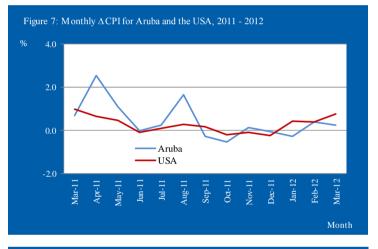
The  $\Delta$  CPI of Aruba over the last 12 months is 2.4 ppts higher compared to the USA's 12-month  $\Delta$  CPI. The  $\Delta$  CPI over the last 24 months for Aruba is 2.2 ppts higher than the  $\Delta$  CPI of the USA. The monthly inflation for both Aruba and the USA is depicted in figure 7 over a period of one year. Furthermore, an overview of the end of year  $\Delta$  CPI over the period 2002 - 2012 for Aruba and the USA is provided in table 8 and figure 8.

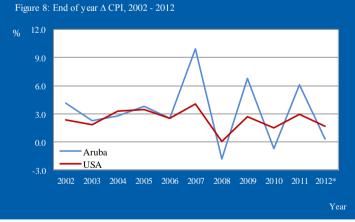
#### Table 8: End of year △ CPI, 2002 - 2012

Period	Aruba	USA
2002	4.2	2.4
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*	0.3	1.6

Source: Central Bureau of Statistics Aruba

\* ytd





\*ytd

 $<sup>^2\,</sup>$  "69% of Aruba's import by sea and air originates from the USA" (Source: Foreign Trade Statistics Report, 4<sup>th</sup> Quarter 2011).

# 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 March 2012 the core inflation (measured over the period March 2011 - 2012) was 2.2%, 2.9 ppts higher compared to March 2011. In March 2012 the food index shows an increase of 5.1%, while the energy index had an increase of 16.4%. Over the past year the food index increased by 6.3 ppts and the energy index increased by 8.4 ppts. Table 9 provides an overview of the monthly inflation and core inflation starting from March 2011.

#### Table 9: Monthly inflation<sup>1</sup> and core inflation, 2011 - 2012

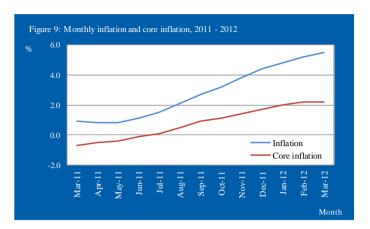
				Core
Period	Inflation	Food	Energy <sup>2</sup>	Inflation
Mar-11	0.9	-1.2	8.0	-0.7
Apr-11	0.8	-0.8	6.6	-0.5
May-11	0.8	-0.2	5.5	-0.4
Jun-11	1.1	0.4	5.6	-0.1
Jul-11	1.5	1.1	6.3	0.1
Aug-11	2.1	1.8	7.5	0.5
Sep-11	2.7	2.6	8.8	0.9
Oct-11	3.2	3.3	10.3	1.1
Nov-11	3.8	4.0	11.8	1.4
Dec-11	4.4	4.5	13.1	1.7
Jan-12	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

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 March 2011.



# **5.3 End of year change of the core inflation**, 2007 - 2012

The end of year core inflation of the total population of Aruba for the year 2012 (up to March) is 2.2%, 0.5 ppts higher than the core inflation of 2011. Table 10 provides an overview of the end of year inflation and core inflation over the period 2007 - 2012.

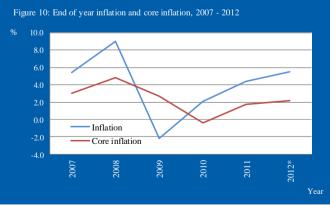
The end of year inflation and core inflation is presented in figure 10 over the period 2007 - 2012.

#### Table 10: End of year core inflation, 2007 - 2012

Period	2007	2008	2009	2010	2011	2012*
Inflation	5.4	9.0	-2.1	2.1	4.4	5.5
Food	12.9	12.2	4.6	-2.7	4.5	5.3
Electricity	1.9	25.3	-18.5	18.0	10.3	14.4
Water	4.2	25.2	-18.8	14.0	11.5	18.8
Gasoline and diesel	13.6	14.5	-22.6	10.6	18.9	17.8
Core inflation	3.0	4.8	2.7	-0.4	1.7	2.2

Source: Central Bureau of Statistics Aruba

\*current month



\*current month

CDS Consumer Price Index Aruba Appendix 1

Table 11: Monthly & Yearly Changes (%) in the Consumer P	rice Inde	for N	1arch	2012,	Total	Population (D	ec 2006 = 100)		
DESCRIPTION	WEIGHT	2011	2011	2012	2012	Monthly	Ytd	End of period	Period average
	coefficient	Mar	Dec	Feb	Mar	Feb - Mar	Dec - Mar	Mar 11 - Mar 12	Mar 11 - Mar 12
Food and non-alcoholic beverages	1,125.3	135.9 138.0				- <b>0.2</b> -0.3	-0.2	<b>4.1</b> 4.3	5.0
Food Non-alcoholic beverages		123.2				-0.3	-0.2 -0.4	4.3 2.8	5.3 3.0
Alcoholic beverages and tobacco	81.9	123.5	124.4	126.0	126.2	0.2	1.4	2.2	8.7
Alcoholic beverages for consumption at home	59.3	113.3	114.5	114.2	114.6	0.3	0.0	1.1	4.8
Tobacco	22.6	150.4	150.4	156.8	156.8	0.0	4.3	4.3	17.5
Clothing and footwear	625.0	109.9	100 0	106 7	104.2	-2.2	-4.1	-5.1	-1.1
Clothing		1111.7				-2.6	-4.2	-5.6	-1.1
Footwear	75.5			94.8		0.9	-3.9	-0.7	0.5
Housing	2,553.3	130.8	145.6	146.0	145.7	-0.2	0.1	11.4	9.7
Actual rentals for housing		134.1				0.1	0.6	4.7	5.4
Maintenance and repair of the dwelling		107.3				-2.0	-1.0 0.0	-3.2 23.9	0.2 16.7
Water supply and miscellaneous services relating to the dwelling Electricity, gas and other fuels		132.5 139.8				0.0 0.0	0.0	17.2	16.7
	7 10.0	100.0	105.5	105.5	105.5	0.0	0.0	2712	1 110
Household operation	741.3	106.0	103.3	102.6	102.8	0.2	-0.5	-3.1	-0.9
Furniture, furnishings, carpets and other floor coverings	142.1	84.5	81.5	75.7	76.1	0.5	-6.6	-9.9	-4.4
Household textiles	69.5	156.3				0.6	-3.4	-8.7	-0.8
Household appliances	111.3			74.4		-0.4	-0.8	-6.8	-2.6
Glassware, tableware and household utensils Tools and equipment for house and garden		110.6		89.5		0.4	-3.5	-18.7 -7.7	-5.0
Goods and services for routine household maintenance and cleaning		93.3 114.3				1.2 0.0	-5.8 2.7	3.3	-4.9 1.3
	5 1010	11.05	11.00	110.0	110.0	0.0	2.7	5.5	110
Health	235.8	91.6	91.2	92.0	92.3	0.4	1.2	0.8	-1.0
Medical products, appliances and equipment	140.3	95.8	95.1	96.2	96.9	0.6	1.9	1.1	-0.6
Out-patient services	57.2					0.0	0.0	0.0	-2.5
Other health products and services	38.3	91.7	91.6	92.1	92.2	0.1	0.6	0.5	-0.4
Transport	1,815.4	111.1	115.9	117.9	120.4	2.2	3.9	8.4	8.7
Purchase of vehicles	811.4		102.7			0.0	0.0	4.0	1.9
Operation of personal transport equipment	840.1	129.3				3.7	7.1	9.6	13.5
Transport services	163.8	79.4	96.5	96.1	98.7	2.7	2.3	24.2	14.1
Communications Postal services	706.3	84.5 105.2			87.2	- <b>0.1</b> 0.0	<b>0.4</b> 0.0	<b>3.3</b> 0.0	<b>3.5</b> 0.0
Telephone and telefax equipment	29.6		29.9			-6.3	-10.0	-23.7	-16.3
Telephone and telefax services	670.6			89.7		0.0	0.5	3.8	4.0
Recreation and culture	891.2	114.0	115.2	112.3	112.5	0.1	-2.4	-1.3	2.6
Audio-visual, photographic and information processing equipment		108.9				-7.2	-13.7	-14.8	1.7
Other major durables for recreation and culture		91.3				-13.9	-20.0	-29.5	-7.2
Other recreational items and equipment; gardens and pets Recreational and cultural services		132.5 107.0				0.1 0.0	1.1 0.1	1.6 -1.6	-0.2 4.3
Newspapers, books and stationery		107.0				-2.2	-3.8	-6.2	-1.3
Holidays	71.0	100.6	131.0	105.5	125.5	19.0	-4.2	24.7	15.3
Education		112.7				0.1	0.2	3.2	3.8
Pre primary and primary education		109.1				0.0	0.0	0.0	0.0
Secondary education Post-secondary non-tertiary education		111.6 122.9				0.0 0.0	0.0 0.0	4.7 5.3	3.3 11.9
Tertiary education		117.0				0.3	1.0	6.4	8.8
Education not definable by level		116.3				0.1	0.2	4.3	6.4
Restaurants and hotels	373.7	118.1	120.5	122.6	124.1	1.2	3.0	5.1	2.9
Catering services		118.3				1.3	2.9	5.3	2.9
Accommodation services	6.2	106.0	81.5	98.2	97.1	-1.1	19.2	-8.4	1.4
Miscellaneous goods and services	767 0	99.4	100.1	99.8	99.6	-0.1	-0.5	0.3	0.6
Personal care		108.9				-0.1	0.3	2.2	1.2
Personal effects n.e.c.		117.9				-1.0	-6.3	-4.7	4.5
Social protection	28.7	132.6	132.6	132.6	132.6	0.0	0.0	0.0	-2.8
Insurance		85.1				0.0	0.0	0.0	0.0
Financial services n.e.c.	26.9			94.2		-0.1	0.4	-0.5	-1.2
Other services n.e.c.	93.0	94.5	93./	94.Z	<del>9</del> 4.1	-0.1	0.4	-0.5	-1.2

#### Total Dopulation (Dec 2006 - 100)

Source: Central Bureau of Statistics Aruba

# **Statistics, more than just Numbers**

10,000 115.9 121.4 121.5 121.8

0.2

0.3

5.1

5.5

СРІ

CDS Consumer Price Index Aruba

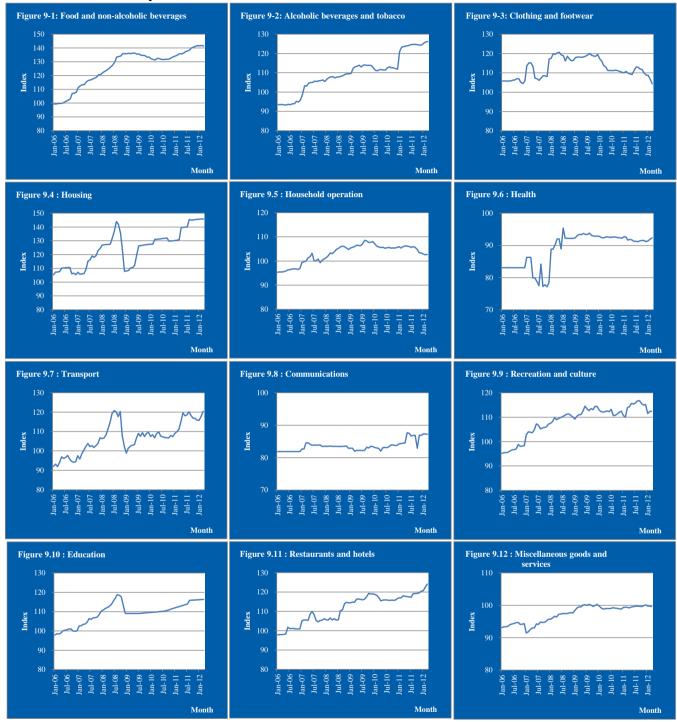
DESCRIPTION	WEIGHT	Monthly	Ytd	End of period	Period average
	coefficient	Feb - Mar	Dec - Mar	Mar 11 - Mar 12	Mar 11 - Mar 1
Food and non-alcoholic beverages	1,125.3	-0.03	-0.03	0.54	0.65
Food and non-alcoholic beverages	961.4	-0.03	-0.03	0.49	0.60
Non-alcoholic beverages	163.9	0.00	-0.01	0.05	0.05
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Alcoholic beverages and tobacco	81.9	0.00	0.01	0.02	0.07
Alcoholic beverages for consumption at home	59.3	0.00	0.00	0.01	0.03
Tobacco	22.6	0.00	0.01	0.01	0.04
Clothing and footwear	625.9	-0.12	-0.23	-0.30	-0.06
Clothing	550.4	-0.13	-0.21	-0.30	-0.07
Footwear	75.5	0.01	-0.02	0.00	0.00
Housing Actual rentals for housing	<b>2,553.3</b> 854.2	- <b>0.06</b> 0.01	0.02 0.06	<b>3.28</b> 0.47	<b>2.84</b> 0.53
Maintenance and repair of the dwelling	444.6	-0.08	-0.04	-0.13	0.01
Water supply and miscellaneous services relating to the dwelling	505.7	0.00	0.00	1.38	1.00
Electricity, gas and other fuels	748.8	0.00	0.00	1.56	1.30
Lieunity, gas and other rules	740.0	0.00	0.00	1.50	1.50
Household operation	741.3	0.01	-0.03	-0.21	-0.06
Furniture, furnishings, carpets and other floor coverings	142.1	0.00	-0.06	-0.10	-0.05
Household textiles	69.5	0.00	-0.03	-0.08	-0.01
Household appliances	111.3	0.00	-0.01	-0.05	-0.02
Glassware, tableware and household utensils	31.8	0.00	-0.01	-0.06	-0.01
Tools and equipment for house and garden	40.0	0.00	-0.02	-0.02	-0.02
oods and services for routine household maintenance and cleaning	346.6	0.00	0.09	0.11	0.04
Health	235.8	0.01	0.02	0.01	-0.02
Medical products, appliances and equipment	140.3	0.01	0.02	0.01	-0.01
Out-patient services	57.2	0.00	0.00	0.00	-0.01
Other health products and services	38.3	0.00	0.00	0.00	0.00
		0.00	0.00	4.45	4 50
Transport Purchase of vehicles	<b>1,815.4</b> 811.4	<b>0.38</b> 0.00	<b>0.68</b> 0.00	1.46 0.28	<b>1.50</b> 0.13
Operation of personal transport equipment	840.1	0.35	0.65	0.90	1.20
Transport services	163.8	0.03	0.03	0.27	0.16
Communications	706.2	0.00	0.02	0.17	0.10
Communications Postal services	<b>706.3</b>	<b>0.00</b> 0.00	<b>0.02</b> 0.00	<b>0.17</b> 0.00	<b>0.18</b> 0.00
Telephone and telefax equipment	6.1 29.6	0.00	-0.01	-0.02	-0.02
Telephone and telefax equipment	670.6	0.00	0.03	0.19	0.20
Recreation and culture	891.2	0.01	-0.20	-0.12	0.22
Audio-visual, photographic and information processing equipment	123.8	-0.07	-0.15	-0.17	0.02
Other major durables for recreation and culture	19.2	-0.02	-0.03	-0.04	-0.01
Other recreational items and equipment; gardens and pets	260.1	0.00	0.03	0.05	0.00
Recreational and cultural services	335.0	0.00	0.00	-0.05	0.13
Newspapers, books and stationery	82.1	-0.02	-0.03	-0.05	-0.01
Holidays	71.0	0.12	-0.03	0.15	0.10
Education	83.0	0.00	0.00	0.03	0.03
Pre primary and primary education	30.4	0.00	0.00	0.00	0.00
Secondary education	25.2	0.00	0.00	0.01	0.01
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.01
Tertiary education	10.4	0.00	0.00	0.01	0.01
Education not definable by level	12.4	0.00	0.00	0.01	0.01
Restaurants and hotels	373.7	0.05	0.11	0.19	0.11
Catering services	367.5	0.05	0.10	0.20	0.11
Accommodation services	6.2	0.00	0.01	0.00	0.00
Miscellaneous goods and services	767.0	-0.01	-0.03	0.02	0.04
Personal care	262.0	0.00	0.01	0.06	0.03
Personal effects n.e.c.	67.3	-0.01	-0.04	-0.03	0.03
Social protection	28.7	0.00	0.00	0.00	-0.01
		0.00	0.00	0.00	0.00
Insurance	289.1				-
Insurance Financial services n.e.c.	26.9	0.00	0.00	0.00	0.00
Insurance			0.00 0.00	0.00 0.00	0.00 -0.01

ource: Central Bureau of Statistics Aruba

# **Statistics, more than just Numbers**

Appendix 3





# 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 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.