

Consumer Price Index, base period December 2006

September 2016

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of September 2016.

The CPI for September 2016 is 117.35, an increase of 0.2% compared to the index of August 2016 (117.17) and accumulating a decrease of 0.9% for the year 2016 up to and including September.

The percentage change of the CPI over the last twelve (12) months (September 2015 to September 2016) is -0.7%, a decrease of 1.0 percentage point (ppt) compared to the percentage change for the same period of last year (0.3%).

The period average percentage change of the CPI for the period September 2015 - September 2016 is -1.0%, a decrease of 2.1 ppts compared to the period average percentage change over the period September 2014 - September 2015 (1.1%).

During this month, eight (8) of the twelve (12) sectors registered increases in prices. The increases which had the greatest influence on the CPI were registered for the "Housing" (0.2%), "Food and non-alcoholic beverages" (0.4%) and "Transport" (0.3%) sectors, causing an effect of 0.06, 0.06 and 0.04 ppts, respectively. The increases in the remaining sectors had an effect of 0.06 ppts on the CPI of September 2016.

Aforementioned increases were partially offset mainly by decreases in the indices for the "Recreation and culture" (-0.5%) and "Clothing and footwear" (-0.6%) sectors, which had an influence of -0.04 and -0.03 ppts on the CPI of September 2016, respectively. The decrease in the remaining sector had an effect of -0.01 ppt on the CPI of September 2016.

The increase in the "Housing" sector was mainly caused by an increase of 1.2% in the category "Maintenance and repair of the dwelling", which contributed to an effect of 0.05 ppts. The increase in the "Food and non-alcoholic beverages" sector was due to an increase in the category "Food" (0.6%), which contributed to an effect of 0.07 ppts. The increase in the "Transport" sector was due to an increase in the category "Operation of personal transport equipment" (1.4%), which contributed to an effect of 0.11 ppts.

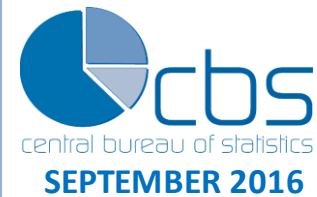
The decrease in the "Recreation and culture" sector was mainly caused by a decrease of 13.5% in the category "Holidays", which contributed to an effect of -0.10 ppts. The decrease in the "Clothing and footwear" sector was mainly due to a decrease in the category "Clothing" (-0.6%), which contributed to an effect of -0.03 ppts.

The consumption basket of the CPI consists of 452 goods and services. Compared to August 2016, 30.1% of these products had an increase in price, causing an effect of 0.58 ppts, while 32.1% showed a decrease, contributing to an effect of -0.43 ppts and the remaining 37.8% had no change in price. The prices of goods increased by 0.5% and caused an influence of 0.29 ppts. The prices of services show a decrease of 0.4% and had an influence of -0.13 ppts on the CPI of September 2016.

The CPIC (core inflation) - CPI excluding the effect of energy and food - was 0.8% in September 2016, which is 0.3 ppts lower compared to the percentage change for the same period of last year (1.1%). The energy index - which consists of the products: electricity, water, gasoline and diesel - is -7.6%, which is 7.0 ppts lower compared to the percentage change for the same period of last year (-0.6%). The food index shows a decrease of 0.8%, which is 4.5 ppts lower compared to the percentage change for the same period of last year (3.7%).

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in September 2016 is Afl. 4,336, while for a single adult household it is Afl. 2,065.

October 14, 2016



CPI (BASE DEC 2006 = 100)		
Index	↑	117.35
Monthly	↑	0.2
Year-to-date	↓	-0.9
End of period	↓	-0.7
Period average	↓	-1.0
Goods	↑	0.5
Services	↓	-0.4

CPIC		
CPIC	↑	0.8
Energy	↓	-7.6
Food	↓	-0.8

SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	↑	2,065
2 adults + 2 children	↑	4,336

CPIC: CPI excluding the effect of energy and food.

Energy: Electricity, water, gasoline and diesel.

SUBSISTENCE LEVEL: The minimum level of income which is perceived necessary to achieve an adequate standard of living.

Table 1 Overview percentage change of the CPI

	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Index	118.14	117.72	117.75	118.41	117.12	116.88	116.51	116.54	116.97	117.44	117.82	117.17	117.35
Monthly	-0.6	-0.4	0.0	0.6	-1.1	-0.2	-0.3	0.0	0.4	0.4	0.3	-0.6	0.2
Year-to-date	-1.1	-1.5	-1.5	-0.9	-1.1	-1.3	-1.6	-1.6	-1.2	-0.8	-0.5	-1.0	-0.9
End of period	0.3	-0.8	-0.2	-0.9	-0.5	-0.6	-1.8	-1.6	-1.6	-0.8	-1.1	-1.4	-0.7
Period average	1.1	0.9	0.7	0.5	0.3	0.2	-0.02	-0.2	-0.5	-0.6	-0.8	-0.9	-1.0
Goods	-0.9	-0.6	0.0	0.3	-1.4	-0.7	-0.5	0.5	0.4	0.4	0.1	-0.6	0.5
Services	-0.04	0.1	0.0	1.0	-0.6	0.7	0.01	-0.8	0.4	0.4	0.7	-0.5	-0.4
CPIC	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0	0.8	0.8	0.8	0.8	0.8
Energy	-0.6	-1.7	-2.2	-3.0	-3.3	-3.5	-4.1	-4.6	-5.1	-5.7	-6.4	-7.2	-7.6
Food	3.7	3.3	2.7	1.9	1.4	0.8	0.5	0.1	-0.04	-0.03	-0.3	-0.6	-0.8
1 adult	2,084	2,082	2,084	2,097	2,080	2,071	2,059	2,057	2,062	2,069	2,068	2,060	2,065
2 adults + 2 children	4,376	4,372	4,377	4,404	4,368	4,348	4,325	4,320	4,331	4,344	4,342	4,326	4,336

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Aug - Sep	Percentage changes			
			Monthly Aug - Sep	Year-to-date Dec - Sep	End of period Sep 15 - Sep 16	Period average Sep 15 - Sep 16
CPI	10,000.0	0.15	0.2	-0.9	-0.7	-1.0
01. Food and non-alcoholic beverages	1,125.3	0.06	0.4	-1.5	-0.8	-0.7
02. Alcoholic beverages and tobacco	81.9	0.00	0.1	1.4	1.2	3.1
03. Clothing and footwear	625.9	-0.03	-0.6	-3.9	2.2	0.4
04. Housing	2,553.3	0.06	0.2	-2.9	-2.6	-1.6
05. Household operation	741.3	0.03	0.5	1.0	0.7	-0.5
06. Health	235.8	-0.01	-0.3	4.0	1.3	0.5
07. Transport	1,815.4	0.04	0.3	2.1	-0.5	-4.3
08. Communications	706.3	0.00	0.1	0.4	0.4	1.2
09. Recreation and culture	891.2	-0.04	-0.5	-2.6	-0.5	0.9
10. Education	83.0	0.01	0.7	1.7	1.9	1.3
11. Restaurants and hotels	373.7	0.00	0.0	0.7	1.4	2.1
12. Miscellaneous goods and services	767.0	0.02	0.3	0.1	0.7	0.5

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of September 2016

Category	Monthly change	Effect
Operation of personal transport equipment	1.4	0.11
Food	0.6	0.07
Audio-visual, photographic and information processing equipment	7.7	0.06
Maintenance and repair of the dwelling	1.2	0.05

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of September 2016

Category	Monthly change	Effect
Holidays	-13.5	-0.10
Transport services	-4.5	-0.07
Clothing	-0.6	-0.03
Household textiles	-3.2	-0.02

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in September 2016

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In September 2016 the average price per barrel of crude oil (US\$ 45.31) had an increase of US\$ 0.77 (1.7%) compared to August 2016 (US\$ 44.54).

Fuel surcharge for a usage of electricity up to 500 kWh did not change in September 2016, it stayed at Afl. 21.90 cents per kWh. Fuel surcharge for a usage of electricity between 501 - 1000 kWh did not change in September 2016, it stayed at Afl. 27.80 cents per kWh. The prices of electricity and water did not change compared to August 2016. Subsequently, the average electricity price per household remained at Afl. 308.76, while the average price of water per household remained at Afl. 137.05.

In September 2016 the price of gasoline increased by Afl. 3.80 cents (2.3%) causing an effect of 0.11 ppts on the CPI. The price of diesel registered an increase of Afl. 2.40 cents (1.8%) and had an insignificant effect on the CPI of September 2016.

In September 2016, utilities, gasoline and diesel as a group show an increase in price of 0.6% compared to August 2016, and had an influence of 0.11 ppts on the CPI, while the remaining 448 goods and services, as a group, experienced an increase of 0.05% in price, causing an effect of 0.04 ppts on the CPI.

Table 6 Effect on the CPI of September 2016 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly change	Effect
Electricity	721.0	0.0	0.00
Gasoline	530.6	2.3	0.11
Water	437.4	0.0	0.00
Diesel	21.8	1.8	0.00
Total group	1,710.8	0.6	0.11
Remaining goods and services	8,289.2	0.05	0.04
CPI	10,000.0	0.2	0.15

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2015 - 2016

Month	2015							2016						
	Crude oil	Fuel surcharge ≤500 kWh	Fuel surcharge 501-1000 kWh	Electricity	Water	Gasoline	Diesel	Crude oil	Fuel surcharge ≤500 kWh	Fuel surcharge 501-1000 kWh	Electricity	Water	Gasoline	Diesel
January	48.21	30.52	32.56	342.59	137.05	168.80	152.50	32.65	21.90	27.80	308.76	137.05	160.00	121.50
February	50.64	30.52	32.56	342.59	137.05	161.70	141.90	30.19	21.90	27.80	308.76	137.05	152.30	115.40
March	47.79	30.52	32.56	342.59	137.05	177.40	155.50	37.47	21.90	27.80	308.76	137.05	148.20	116.80
April	52.90	30.52	32.56	342.59	137.05	180.90	150.40	40.19	21.90	27.80	308.76	137.05	161.80	123.90
May	58.97	30.52	32.56	342.59	137.05	189.40	153.10	46.59	21.90	27.80	308.76	137.05	168.00	127.10
June	59.91	30.52	32.56	342.59	137.05	196.20	160.60	48.95	21.90	27.80	308.76	137.05	173.80	136.70
July	51.82	30.52	32.56	342.59	137.05	204.30	157.30	45.24	21.90	27.80	308.76	137.05	175.20	140.30
August	42.55	30.52	32.56	342.59	137.05	200.60	149.00	44.54	21.90	27.80	308.76	137.05	168.30	134.40
September	45.78	30.52	32.56	342.59	137.05	182.40	140.40	45.31	21.90	27.80	308.76	137.05	172.10	136.80
October	46.07	30.52	32.56	342.59	137.05	168.20	139.50							
November	42.48	30.52	32.56	342.59	137.05	165.00	138.40							
December	37.34	30.52	32.56	342.59	137.05	162.00	135.00							

Source: Central Bureau of Statistics Aruba

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

² Fuel surcharge in Afl. cents per kWh

³ Electricity price in Afl. is based on an average household usage of 725.5 kWh

⁴ Water price in Afl. is based on an average household usage

⁵ Gasoline and diesel prices in Afl. cents per liter

Change in prices of Food & catering services in September 2016

The "Food & catering services" index shows an increase of 0.3% in September 2016, after a decrease of 0.3% in August 2016. The index for "Food at home" shows an increase of 0.4% in September, as seven (7) of the eleven (11) "Food at home" indices increased in September 2016. The "Fruit" index registered the largest increase (5.4%) in September 2016. Furthermore, increases were posted in the indices for "Potatoes and other tubers" (5.2%), "Fish and other seafood" (1.4%) and "Sugar, jam, honey and other confectionery" (1.0%). The "Vegetables" index registered the largest decrease (-2.2%). Furthermore, decreases of 0.6% and 0.4% were posted in the indices for "Meat" and "Non-alcoholic beverages", respectively.

Over the last twelve (12) months the "Food & catering services" index has decreased by 0.3%. The "Food at home" index shows a decrease of 0.8%. The "Milk, cheese and eggs" index decreased by 6.8%, the largest decrease among the "Food at home" food groups, while the "Fruit" index shows the largest increase (10.8%).

The index for "Food away from home" was unchanged in September 2016 for the third straight month and has increased by 1.4% over the last twelve (12) months.

In September 2016, "Food at home" and "Food away from home" as a group show an increase in price of 0.3% compared to August 2016, and had an influence of 0.06 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.1%, causing an effect of 0.09 ppts on the CPI.

Table 8 Effect on the CPI of September 2016 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
<i>Food at home</i>	1,125.3	0.4	0.06
<i>Food away from home</i>	367.5	0.0	0.00
<i>Total group</i>	1,492.8	0.3	0.06
<i>Remaining goods and services</i>	8,507.2	0.1	0.09
<i>CPI</i>	10,000.0	0.2	0.15

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Indices			Percentage changes			Effect		
		Weight coefficient	Sep-15	Aug-16	Sep-16	Monthly Jul-Aug	Monthly Aug-Sep	End of period Sep 15-Sep 16	Monthly Aug-Sep	End of period Sep 15-Sep 16
Food & catering services		1,492.8	144.34	143.49	143.96	-0.3	0.3	-0.3	0.06	-0.05
Food at home		1,125.3	147.42	145.68	146.31	-0.5	0.4	-0.8	0.06	-0.11
<i>Bread and cereals</i>		205.2	133.19	133.76	133.82	-0.1	0.0	0.5	0.00	0.01
<i>Meat</i>		229.8	150.62	144.23	143.38	0.0	-0.6	-4.8	-0.02	-0.14
<i>Fish and other seafood</i>		56.4	133.05	133.95	135.80	-0.2	1.4	2.1	0.01	0.01
<i>Milk, cheese and eggs</i>		140.0	141.22	131.11	131.61	-1.6	0.4	-6.8	0.01	-0.11
<i>Oils and fats</i>		31.6	158.83	158.56	159.56	0.8	0.6	0.5	0.00	0.00
<i>Fruit</i>		72.0	230.21	241.96	255.09	-1.7	5.4	10.8	0.08	0.15
<i>Potatoes and other tubers</i>		18.5	127.11	127.43	134.03	2.5	5.2	5.4	0.01	0.01
<i>Vegetables</i>		75.7	183.04	178.69	174.75	-1.6	-2.2	-4.5	-0.03	-0.05
<i>Sugar, jam, honey and other confectionery</i>		49.6	107.14	106.29	107.35	-0.1	1.0	0.2	0.00	0.00
<i>Food products n.e.c.</i>		82.7	132.62	136.00	135.56	-0.3	-0.3	2.2	0.00	0.02
<i>Non-alcoholic beverages</i>		163.9	137.95	137.99	137.38	0.3	-0.4	-0.4	-0.01	-0.01
Food away from home		367.5	134.88	136.77	136.77	0.0	0.0	1.4	0.00	-0.63

Source: Central Bureau of Statistics Aruba

The subsistence level in September 2016

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". Equivalent scales are used to adjust 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 September 2010 and is monthly updated for inflation using the monthly CPI. The reference unit used in this report is a household consisting of two (2) adults and two (2) children (aged 0-14 years).

Table 9: Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-14 years)

Sector	Absolute		
	Sep-15	Sep-16	Change
Food and non-alcoholic beverages	1,580	1,568	-12
Clothing and footwear	239	244	5
Housing	1,442	1,405	-37
Household operation	130	131	1
Health	69	69	0
Transport	242	241	-1
Communications	128	129	1
Recreation and culture	179	178	-1
Education	64	65	1
Miscellaneous goods and services	303	306	3
Total	4,376	4,336	-40

Source: Central Bureau of Statistics Aruba

In September 2016 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) (Afl. 4,336) shows a decrease of Afl. 40 compared to September 2015 (Afl. 4,376) and was mainly caused by a decrease of Afl. 37 in the sector "Housing".

Table 10: Monthly Subsistence level in Aruba (in Afl.) by family size and composition, September 2016 (Base period Oct. 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
Sep-15	2,084	2,709	3,126	3,751	4,376
Oct-15	2,082	2,707	3,123	3,748	4,372
Nov-15	2,084	2,710	3,127	3,752	4,377
Dec-15	2,097	2,727	3,146	3,775	4,404
Jan-16	2,080	2,704	3,120	3,744	4,368
Feb-16	2,071	2,692	3,106	3,727	4,348
Mar-16	2,059	2,677	3,089	3,707	4,325
Apr-16	2,057	2,674	3,086	3,703	4,320
May-16	2,062	2,681	3,093	3,712	4,331
Jun-16	2,069	2,689	3,103	3,723	4,344
Jul-16	2,068	2,688	3,102	3,722	4,342
Aug-16	2,060	2,678	3,090	3,708	4,326
Sep-16	2,065	2,684	3,097	3,716	4,336

Source: Central Bureau of Statistics Aruba

In September 2016 the monthly subsistence level for a single adult household is Afl 2,065, which represents an income deficit of Afl. 387, a decrease of Afl. 60 compared to the deficit observed one year ago (Afl. 447). This deficit is the lowest registered over a period of five (5) years for the month September.

Table 11: Monthly income surplus/deficit (in Afl.) for a single adult household for September, 2012 - 2016

Period	Minimum		
	1 adult	wage	Surplus/deficit
2012	2,074	1,605	-469
2013	2,034	1,637	-397
2014	2,053	1,637	-416
2015	2,084	1,637	-447
2016	2,065	1,678	-387

Source: Central Bureau of Statistics Aruba

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for September 2016, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	2015	2015	2016	2016	Monthly Aug - Sep	Ytd Dec - Sep	End of period Sep 15 - Sep 16	Period average Sep 15 - Sep 16
		2015 Sep	2015 Dec	2016 Aug	2016 Sep				
Food and non-alcoholic beverages	1,125.3	147.42	148.53	145.68	146.31	0.4	-1.5	-0.8	-0.7
Food	961.4	149.04	150.22	146.99	147.83	0.6	-1.6	-0.8	-0.8
Non-alcoholic beverages	163.9	137.95	138.63	137.99	137.38	-0.4	-0.9	-0.4	-0.1
Alcoholic beverages and tobacco	81.9	147.09	146.82	148.73	148.90	0.1	1.4	1.2	3.1
Alcoholic beverages for consumption at home	59.3	123.07	122.86	124.84	124.83	0.0	1.6	1.4	2.9
Tobacco	22.6	210.06	209.63	211.37	212.03	0.3	1.1	0.9	3.5
Clothing and footwear	625.9	87.70	93.30	90.21	89.64	-0.6	-3.9	2.2	0.4
Clothing	550.4	88.90	95.61	91.85	91.27	-0.6	-4.5	2.7	1.0
Footwear	75.5	78.97	76.47	78.30	77.77	-0.7	1.7	-1.5	-4.3
Housing	2,553.3	137.82	138.19	133.95	134.24	0.2	-2.9	-2.6	-1.6
Actual rentals for housing	854.2	149.22	149.87	151.60	151.82	0.1	1.3	1.7	1.8
Maintenance and repair of the dwelling	444.6	108.06	108.99	106.42	107.67	1.2	-1.2	-0.4	1.5
Water supply and miscellaneous services relating to the dwelling	505.7	119.95	119.95	119.95	119.95	0.0	0.0	0.0	0.0
Electricity, gas and other fuels	748.8	154.54	154.54	139.61	139.61	0.0	-9.7	-9.7	-7.3
Household operation	741.3	95.75	95.47	95.92	96.43	0.5	1.0	0.7	-0.5
Furniture, furnishings, carpets and other floor coverings	142.1	53.27	54.75	54.66	58.01	6.1	5.9	8.9	0.4
Household textiles	69.5	107.34	102.40	101.07	97.81	-3.2	-4.5	-8.9	-7.5
Household appliances	111.3	65.36	64.32	61.14	61.24	0.2	-4.8	-6.3	-7.2
Glassware, tableware and household utensils	31.8	64.51	63.66	66.01	65.76	-0.4	3.3	1.9	-1.7
Tools and equipment for house and garden	40.0	77.83	74.25	69.47	69.51	0.0	-6.4	-10.7	-12.8
Goods and services for routine household maintenance and cleaning	346.6	125.54	126.15	128.78	129.14	0.3	2.4	2.9	2.8
Health	235.8	94.63	92.18	96.13	95.82	-0.3	4.0	1.3	0.5
Medical products, appliances and equipment	140.3	99.86	96.91	102.62	102.15	-0.5	5.4	2.3	1.2
Out-patient services	57.2	81.53	81.53	82.85	82.85	0.0	1.6	1.6	1.1
Other health products and services	38.3	95.04	90.76	92.23	92.02	-0.2	1.4	-3.2	-2.9
Transport	1,815.4	112.07	109.25	111.27	111.56	0.3	2.1	-0.5	-4.3
Purchase of vehicles	811.4	107.49	107.49	107.49	107.49	0.0	0.0	0.0	-1.7
Operation of personal transport equipment	840.1	120.08	112.92	115.37	116.95	1.4	3.6	-2.6	-7.3
Transport services	163.8	93.70	99.14	109.03	104.11	-4.5	5.0	11.1	0.5
Communications	706.3	90.34	90.36	90.63	90.70	0.1	0.4	0.4	1.2
Postal services	6.1	118.02	118.02	118.02	118.02	0.0	0.0	0.0	0.9
Telephone and telefax equipment	29.6	33.82	34.25	27.83	29.72	6.8	-13.2	-12.1	-3.1
Telephone and telefax services	670.6	92.58	92.58	93.14	93.14	0.0	0.6	0.6	1.2
Recreation and culture	891.2	109.44	111.74	109.42	108.87	-0.5	-2.6	-0.5	0.9
Audio-visual, photographic and information processing equipment	123.8	65.93	69.10	73.83	79.50	7.7	15.1	20.6	3.9
Other major durables for recreation and culture	19.2	49.05	53.55	49.67	49.67	0.0	-7.3	1.3	18.2
Other recreational items and equipment; gardens and pets	260.1	141.02	138.54	140.91	140.62	-0.2	1.5	-0.3	1.5
Recreational and cultural services	335.0	108.27	108.12	105.06	105.06	0.0	-2.8	-3.0	0.3
Newspapers, books and stationery	82.1	89.41	88.20	88.84	88.84	0.0	0.7	-0.6	-2.9
Holidays	71.0	114.69	148.01	116.65	100.89	-13.5	-31.8	-12.0	-0.6
Education	83.0	117.69	117.88	119.11	119.89	0.7	1.7	1.9	1.3
Pre primary and primary education	30.4	109.07	109.07	109.07	109.07	0.0	0.0	0.0	0.0
Secondary education	25.2	119.45	119.45	119.45	119.45	0.0	0.0	0.0	1.8
Post-secondary non-tertiary education	4.6	129.44	129.44	129.44	129.44	0.0	0.0	0.0	0.0
Tertiary education	10.4	127.06	128.31	136.08	141.06	3.7	9.9	11.0	3.6
Education not definable by level	12.4	123.03	123.31	124.99	126.03	0.8	2.2	2.4	1.6
Restaurants and hotels	373.7	134.28	135.15	136.14	136.14	0.0	0.7	1.4	2.1
Catering services	367.5	134.88	135.77	136.77	136.77	0.0	0.7	1.4	2.1
Accommodation services	6.2	98.50	98.61	98.74	98.74	0.0	0.1	0.2	1.1
Miscellaneous goods and services	767.0	102.60	103.19	103.05	103.34	0.3	0.1	0.7	0.5
Personal care	262.0	118.48	119.11	119.33	119.74	0.3	0.5	1.1	0.5
Personal effects n.e.c.	67.3	106.27	108.25	107.17	107.18	0.0	-1.0	0.9	-3.1
Social protection	28.7	145.84	145.84	145.84	145.84	0.0	0.0	0.0	8.2
Insurance	289.1	85.40	85.40	85.46	85.46	0.0	0.1	0.1	0.3
Financial services n.e.c.	26.9	96.96	98.25	97.36	98.24	0.9	0.0	1.3	0.9
Other services n.e.c.	93.0	96.96	98.25	97.36	98.24	0.9	0.0	1.3	0.9
CPI	10,000	118.14	118.41	117.17	117.35	0.2	-0.9	-0.7	-1.0

Source: Central Bureau of Statistics Aruba

APPENDIX 2

Effect on the Consumer Price Index per sector and category for September 2016 (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Aug - Sep	Ytd Dec - Sep	End of period Sep 15 - Sep 16	Period average Sep 15 - Sep 16
Food and non-alcoholic beverages	1,125.3	0.06	-0.21	-0.11	-0.10
Food	961.4	0.07	-0.19	-0.10	-0.10
Non-alcoholic beverages	163.9	-0.01	-0.02	-0.01	0.00
Alcoholic beverages and tobacco	81.9	0.00	0.01	0.01	0.03
Alcoholic beverages for consumption at home	59.3	0.00	0.01	0.01	0.02
Tobacco	22.6	0.00	0.00	0.00	0.01
Clothing and footwear	625.9	-0.03	-0.19	0.10	0.02
Clothing	550.4	-0.03	-0.20	0.11	0.04
Footwear	75.5	0.00	0.01	-0.01	-0.02
Housing	2,553.3	0.06	-0.85	-0.77	-0.47
Actual rentals for housing	854.2	0.02	0.14	0.19	0.19
Maintenance and repair of the dwelling	444.6	0.05	-0.05	-0.01	0.06
Water supply and miscellaneous services relating to the dwelling	505.7	0.00	0.00	0.00	0.00
Electricity, gas and other fuels	748.8	0.00	-0.94	-0.95	-0.72
Household operation	741.3	0.03	0.06	0.04	-0.03
Furniture, furnishings, carpets and other floor coverings	142.1	0.04	0.04	0.06	0.00
Household textiles	69.5	-0.02	-0.03	-0.06	-0.05
Household appliances	111.3	0.00	-0.03	-0.04	-0.05
Glassware, tableware and household utensils	31.8	0.00	0.01	0.00	0.00
Tools and equipment for house and garden	40.0	0.00	-0.02	-0.03	-0.04
Goods and services for routine household maintenance and cleaning	346.6	0.01	0.09	0.11	0.10
Health	235.8	-0.01	0.07	0.02	0.01
Medical products, appliances and equipment	140.3	-0.01	0.06	0.03	0.01
Out-patient services	57.2	0.00	0.01	0.01	0.00
Other health products and services	38.3	0.00	0.00	-0.01	-0.01
Transport	1,815.4	0.04	0.35	-0.08	-0.75
Purchase of vehicles	811.4	0.00	0.00	0.00	-0.12
Operation of personal transport equipment	840.1	0.11	0.29	-0.22	-0.63
Transport services	163.8	-0.07	0.07	0.14	0.01
Communications	706.3	0.00	0.02	0.02	0.06
Postal services	6.1	0.00	0.00	0.00	0.00
Telephone and telefax equipment	29.6	0.00	-0.01	-0.01	0.00
Telephone and telefax services	670.6	0.00	0.03	0.03	0.06
Recreation and culture	891.2	-0.04	-0.22	-0.04	0.07
Audio-visual, photographic and information processing equipment	123.8	0.06	0.11	0.14	0.03
Other major durables for recreation and culture	19.2	0.00	-0.01	0.00	0.01
Other recreational items and equipment; gardens and pets	260.1	-0.01	0.05	-0.01	0.04
Recreational and cultural services	335.0	0.00	-0.09	-0.09	0.01
Newspapers, books and stationery	82.1	0.00	0.00	0.00	-0.02
Holidays	71.0	-0.10	-0.28	-0.08	0.00
Education	83.0	0.01	0.01	0.02	0.01
Pre primary and primary education	30.4	0.00	0.00	0.00	0.00
Secondary education	25.2	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	10.4	0.00	0.01	0.01	0.00
Education not definable by level	12.4	0.00	0.00	0.00	0.00
Restaurants and hotels	373.7	0.00	0.03	0.06	0.09
Catering services	367.5	0.00	0.03	0.06	0.09
Accommodation services	6.2	0.00	0.00	0.00	0.00
Miscellaneous goods and services	767.0	0.02	0.01	0.05	0.03
Personal care	262.0	0.01	0.01	0.03	0.01
Personal effects n.e.c.	67.3	0.00	-0.01	0.01	-0.02
Social protection	28.7	0.00	0.00	0.00	0.03
Insurance	289.1	0.00	0.00	0.00	0.01
Financial services n.e.c.	26.9	0.00	0.00	0.00	0.00
Other services n.e.c.	93.0	0.01	0.00	0.01	0.01
CPI	10,000	0.15	-0.90	-0.68	-1.02

Source: Central Bureau of Statistics Aruba

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for September 2016, Total Population (Dec 2006 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Aug - Sep	End of period Sep 15 - Sep 16	Monthly Aug - Sep	End of period Sep 15 - Sep 16
Food & catering services	1,492.8	0.3	-0.3	0.06	-0.05
Food at home	1,125.3	0.4	-0.8	0.06	-0.11
Bread and cereals	205.2	0.0	0.5	0.00	0.01
Rice	18.8	0.2	0.4	0.00	0.00
Bread	98.1	0.0	0.2	0.00	0.00
Pasta products	7.6	0.5	0.1	0.00	0.00
Other cereals and cereal products	80.7	0.0	0.9	0.00	0.01
Meat	229.8	-0.6	-4.8	-0.02	-0.14
Bovine	44.7	-0.3	-4.4	0.00	-0.02
Swine	28.1	0.4	-0.9	0.00	0.00
Poultry	59.5	-0.8	-5.7	-0.01	-0.05
Other meat and meat preparations	97.5	-0.9	-5.5	-0.01	-0.07
Fish and other seafood	56.4	1.4	2.1	0.01	0.01
Fish and seafood preparations	56.4	1.4	2.1	0.01	0.01
Milk, cheese and eggs	140.0	0.4	-6.8	0.01	-0.11
Milk	58.8	0.0	-10.9	0.00	-0.09
Cheese	46.9	-0.4	0.2	0.00	0.00
Eggs	14.3	1.0	-4.2	0.00	-0.01
Other milk products	19.9	4.1	-8.3	0.01	-0.02
Oils and fats	31.6	0.6	0.5	0.00	0.00
Butter and margarine	9.9	1.6	3.4	0.00	0.00
Corn oil	9.4	-0.4	0.0	0.00	0.00
Other oils and fats	12.3	0.7	-1.8	0.00	0.00
Fruit	72.0	5.4	10.8	0.08	0.15
Oranges, lemons and mandarins	11.1	0.7	-6.8	0.00	-0.01
Bananas and plantains	13.8	1.1	6.7	0.00	0.02
Apples and pears	11.2	2.6	10.3	0.00	0.02
Grapes	6.0	2.3	13.9	0.00	0.01
Melons and watermelons	6.7	-2.4	1.8	-0.01	0.00
Nuts	6.9	0.0	5.1	0.00	0.00
Other fruits and fruit products	16.4	14.0	21.5	0.08	0.11
Potatoes and other tubers	18.5	5.2	5.4	0.01	0.01
Potatoes	11.2	6.9	7.4	0.01	0.01
Sweet potatoes and yucca	2.5	2.2	3.3	0.00	0.00
Other tubers	4.8	0.5	-0.3	0.00	0.00
Vegetables	75.7	-2.2	-4.5	-0.03	-0.05
Lettuce	6.7	-1.8	-35.3	0.00	-0.02
Celery and broccoli	6.3	-4.1	-21.8	-0.01	-0.03
Tomatoes & peppers	15.5	-1.3	-2.2	0.00	0.00
Onions	7.8	-6.2	-1.5	-0.02	0.00
Frozen vegetable mixtures	6.7	1.3	5.3	0.00	0.00
Other vegetables	12.7	-1.6	-1.3	0.00	0.00
Other preserved or processed vegetables	20.0	0.6	3.7	0.00	0.01
Sugar, jam, honey and other confectionery	49.6	1.0	0.2	0.00	0.00
Sugar	14.4	2.5	-1.8	0.00	0.00
Jams and jellies	2.8	-0.9	0.7	0.00	0.00
Other confectionery products	32.4	0.6	0.9	0.00	0.00
Food products n.e.c.	82.7	-0.3	2.2	0.00	0.02
Other food products	82.7	-0.3	2.2	0.00	0.02
Non-alcoholic beverages	163.9	-0.4	-0.4	-0.01	-0.01
Coffee and tea	30.1	-2.3	-13.1	-0.01	-0.04
Soft and sports drinks	49.7	0.0	6.4	0.00	0.03
Fruit juices	61.0	0.0	0.5	0.00	0.00
Other non-alcoholic beverages	23.1	-0.7	-0.4	0.00	0.00
Food away from home	367.5	0.0	1.4	0.00	0.06
Food and beverage consumption away from home	367.5	0.0	1.4	0.00	0.06
Other goods and services	8,507.2	0.1	-0.8	0.09	-0.63
Other goods	5,147.2	0.5	-2.0	0.23	-0.98
Other services	3,360.0	-0.4	1.1	-0.13	0.35
CPI	10,000	0.2	-0.7	0.15	-0.68

Source: Central Bureau of Statistics Aruba