

Consumer Price Index, base period June 2019

December 2020

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of December 2020.

Consumer Price Index for the month of December 2020

The CPI for December 2020 is 97.06, an increase of 0.1% compared to the index of November 2020 (96.93).

The percentage change of the CPI over the last twelve (12) months (December 2019 to December 2020) is -3.1, a decrease of 6.7 percentage points (ppts) compared to the percentage change for the same period of last year (3.6%).

The period average percentage change of the CPI for the period December 2019 - December 2020 is -1.3%, a decrease of 5.2 ppts compared to the period average percentage change over the period December 2018 - December 2019 (3.9%).

During this month, eight (8) of the twelve (12) sectors registered increases in prices. The increases that had the greatest influence on the CPI were registered for the "Recreation and culture" (1.7%) and "Housing" (0.3%) sectors, which contributed with an effect of 0.17 and 0.07 ppts, respectively. The increases in the remaining sectors had an effect of 0.08 ppts on the CPI of December 2020. Aforementioned increases were partially offset mainly by decreases in the indices for the "Transport" (-1.1%) and "Food and non-alcoholic beverages" (-0.4%) sectors, causing an effect of -0.14 and -0.04 ppts, respectively. The decrease in the remaining sector had an effect of -0.01 ppt on the CPI of December 2020.

The increase in the "Recreation and culture" sector was mainly due to an increase in the category "Holidays" (7.2%), which contributed to an effect of 0.21 ppts. The increase in the "Housing" sector was mainly caused by an increase of 1.1% in the category "Maintenance and repair of the dwelling", which contributed to an effect of 0.06 ppts.

The decrease in the "Transport" sector was mainly due to a decrease in the category "Transport services" (-20.7%), which contributed to an effect of -0.10 ppts. The decrease in the "Food and non-alcoholic beverages" sector was mainly caused by a decrease of 0.4% in the category "Food", which contributed to an effect of -0.04 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to November 2020, 44.6% of these products had an increase in price, causing an effect of 0.57 ppts, while 39.0% showed a decrease, contributing to an effect of -0.43 ppts and the remaining 16.4% had no change in price. The prices of goods decreased by 0.01% and caused an influence of -0.01 ppt. The prices of services showed an increase of 0.3% and had an influence of 0.14 ppts on the CPI of December 2020.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food - was 0.1% in December 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel - was -7.9%. The food index showed a decrease of -0.8%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in December 2020 is Afl. 4,757, a decrease of Afl. 138 compared to December 2019 (Afl. 4,895). The subsistence level for a single adult household is Afl. 2,265, a decrease of Afl. 66 compared to December 2019 (Afl. 2,331).

February 1, 2021



CPI	(BASE JUN 2019 = 100)	
Index	↑	97.06
Monthly	↑	0.1
Year-to-date	↓	-3.1
End of period	↓	-3.1
Period average	↓	-1.3
Goods	↓	-0.01
Services	↑	0.3

CPIC		
CPIC	↑	0.1
Energy	↓	-7.9
Food	↓	-0.8

SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	↓	2,265
2 adults + 2 children	↓	4,757

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

	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
<i>Index</i>	100.13	99.57	98.90	98.67	97.93	97.63	97.14	96.83	97.45	97.14	96.97	96.93	97.06
<i>Monthly</i>	0.6	-0.6	-0.7	-0.2	-0.8	-0.3	-0.5	-0.3	0.6	-0.3	-0.2	0.0	0.1
<i>Year-to-date</i>	3.6	-0.6	-1.2	-1.5	-2.2	-2.5	-3.0	-3.3	-2.7	-3.0	-3.2	-3.2	-3.1
<i>End of period</i>	3.6	3.4	2.3	0.7	-0.9	-1.6	-2.9	-3.2	-2.5	-2.3	-2.8	-2.7	-3.1
<i>Period average</i>	3.9	3.9	3.9	3.6	3.2	2.6	2.0	1.4	0.9	0.4	-0.2	-0.8	-1.3
<i>Goods</i>	0.3	-0.7	-1.4	-0.5	-1.4	-0.5	-0.9	0.1	1.4	-0.6	-0.2	-0.2	0.0
<i>Services</i>	0.9	-0.4	0.3	0.1	0.2	0.0	0.0	-0.9	-0.4	0.07	-0.1	0.1	0.3
<i>CPIC</i>	3.6	3.7	3.8	3.7	3.4	3.1	2.7	2.3	1.9	1.5	1.0	0.5	0.1
<i>Energy</i>	1.8	1.5	1.3	0.7	-0.2	-1.5	-2.7	-3.6	-4.6	-5.4	-6.2	-6.9	-7.9
<i>Food</i>	10.5	9.9	9.3	8.3	7.4	6.2	4.9	3.7	2.6	1.6	0.7	-0.1	-0.8
<i>1 adult</i>	2,331	2,314	2,303	2,300	2,296	2,283	2,277	2,267	2,276	2,277	2,273	2,266	2,265
<i>2 adults + 2 children</i>	4,895	4,860	4,836	4,829	4,821	4,794	4,782	4,760	4,781	4,782	4,773	4,759	4,757

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Nov - Dec	Percentage changes			
			Monthly Nov - Dec	Year-to-date Dec - Dec	End of period Dec 19 - Dec 20	Period average Dec 19 - Dec 20
CPI	10,000.0	0.14	0.1	-3.1	-3.1	-1.3
01. Food and non-alcoholic beverages	1,087.7	-0.04	-0.4	-2.5	-2.5	-0.5
02. Alcoholic beverages and tobacco	78.2	-0.01	-0.6	0.1	0.1	3.2
03. Clothing and footwear	276.8	0.01	0.4	-4.8	-4.8	-4.1
04. Housing	2,522.2	0.07	0.3	-2.4	-2.4	-1.6
05. Household operation	929.2	0.03	0.3	-3.2	-3.2	-3.0
06. Health	223.1	0.00	0.2	-2.3	-2.3	-0.5
07. Transport	1,257.4	-0.14	-1.1	-9.8	-9.8	-5.8
08. Communications	849.6	0.00	0.0	0.2	0.2	0.1
09. Recreation and culture	1,013.3	0.17	1.7	-3.3	-3.3	1.0
10. Education	98.0	0.00	0.0	0.2	0.2	0.6
11. Restaurants and hotels	442.0	0.02	0.5	-1.4	-1.4	2.9
12. Miscellaneous goods and services	1,222.6	0.01	0.1	-0.9	-0.9	-0.1

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of December 2020

Category	Monthly change	Effect
Holidays	7.2	0.21
Maintenance and repair of the dwelling	1.1	0.06
Personal effects n.e.c.	2.8	0.03
Tools and equipment for house and garden	3.7	0.02
Clothing	0.9	0.02
Household appliances	0.7	0.02

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of December 2020

Category	Monthly change	Effect
Transport services	-20.7	-0.10
Food	-0.4	-0.04
Operation of personal transport equipment	-0.4	-0.03
Other recreational items and equipment; gardens and pets	-0.9	-0.03

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in December 2020

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In December 2020 the average price per barrel of crude oil (US\$ 46.87) had an increase of US\$ 5.71 (13.9%) compared to November 2020 (US\$ 41.07).

The prices of electricity and water did not change compared to November 2020. Subsequently, the average electricity price per household remained at Afl. 240.09, while the average price of water per household remained at Afl. 137.05.

In December 2020 the price of gasoline registered a slight decrease of Afl. 0.10 cents (-0.1%) and had an insignificant effect on the CPI. The price of diesel registered an increase of Afl. 6.20 cents (4.6%) and had an effect of 0.01 ppt on the CPI of December 2020.

In December 2020, utilities, gasoline and diesel as a group showed an increase in price of 0.1% compared to November 2020, and had an influence of 0.01 pts on the CPI, while the remaining 404 goods and services, as a group, show an increase of 0.2% and had an effect of 0.13 pts on the CPI.

Table 6 Effect on the CPI of December 2020 of goods and services which are dependent on crude oil prices

Category	Weight	Monthly change	Effect
Electricity	810.2	0.0	0.00
Gasoline	430.5	-0.1	0.00
Water	367.3	0.0	0.00
Diesel	30.2	4.6	0.01
Total group	1,638.1	0.1	0.01
Remaining goods and services	8,361.9	0.2	0.13
CPI	10,000.0	0.1	0.14

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2019 - 2020

Month	2019							2020						
	Crude oil	Total energy charge ≤ 500 kWh	Total energy charge 501-1000 kWh	Electricity	Water	Gasoline	Diesel	Crude oil	Total energy charge ≤ 500 kWh	Total energy charge 501-1000 kWh	Electricity	Water	Gasoline	Diesel
January	50.65	34.52	35.72	265.65	137.05	188.50	165.10	57.92	31.09	31.99	240.09	137.05	204.60	179.20
March	54.45	34.52	35.72	265.65	137.05	189.40	170.20	50.67	31.09	31.99	240.09	137.05	201.90	172.40
March	57.84	34.52	35.72	265.65	137.05	197.70	177.30	30.40	31.09	31.99	240.09	137.05	197.20	160.60
April	63.89	34.52	35.72	265.65	137.05	197.70	181.10	17.39	31.09	31.99	240.09	137.05	160.60	136.70
May	60.89	34.52	35.72	265.65	137.05	209.50	185.00	26.57	31.09	31.99	240.09	137.05	144.70	119.00
June	54.66	34.52	35.72	265.65	137.05	209.50	183.70	38.19	31.09	31.99	240.09	137.05	160.50	121.60
July	57.28	34.52	35.72	265.65	137.05	208.00	174.20	40.58	31.09	31.99	240.09	137.05	174.90	135.00
August	55.17	34.52	35.72	265.65	137.05	215.10	177.20	42.33	31.09	31.99	240.09	137.05	178.10	140.70
September	57.03	34.52	35.72	265.65	137.05	204.50	172.80	39.64	31.09	31.99	240.09	137.05	180.20	140.50
October	53.77	34.52	35.72	265.65	137.05	205.10	178.40	39.45	31.09	31.99	240.09	137.05	178.90	135.00
November	56.74	34.52	35.72	265.65	137.05	203.30	177.70	41.07	31.09	31.99	240.09	137.05	176.80	136.10
December	59.73	34.52	35.72	265.65	137.05	203.70	175.60	46.78	31.09	31.99	240.09	137.05	176.70	142.30
Yearly Average	56.84	34.52	35.72	265.65	137.05	202.67	176.53	39.25	31.09	31.99	240.09	137.05	177.93	143.26

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 Total energy charge 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 in m³

⁵ Gasoline and diesel prices in Afl. cents per liter

Change in prices of Food & catering services in December 2020

The “Food & catering services” index showed a decrease of 0.2% in December 2020, the second consecutive such decrease. The index for “Food at home” showed a decrease of 0.4% in December, as nine (9) of the eleven (11) “Food at home” indices decreased in December 2020. The “Potatoes and other tubers” index registered the largest decrease (-3.8%) in December 2020. Furthermore, decreases were posted in the indices for “Fish and other seafood” (-1.8%), “Bread and cereals” (-1.0%) and “Food products n.e.c.” (-0.4%).

The “Vegetables” (0.8%) and “Sugar, jam, honey and other confectionery” (0.1%) indices registered the only increases in December 2020.

Over the last twelve (12) months, the “Food & catering services” has decreased by 1.5%. The “Food at home” index showed a decrease of 2.5%. The “Potatoes and other tubers” index decreased by 16.6%, the largest decrease among the “Food at home” food groups, while the “Milk, cheese and eggs” index increased by 0.6%, the only increase among the “Food at home” food groups.

The index for “Food away from home” shows an increase of 0.2% in December 2020 and has increased by 0.9% over the last twelve (12) months.

In December 2020, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.2% compared to November 2020, and had an influence of -0.04 pts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.2%, causing an effect of 0.17 pts on the CPI.

Table 8 Effect on the CPI of December 2020 of Food at home and Food away from home

Category	Weight	Monthly change	Effect
Food at home	1,087.7	-0.4	-0.04
Food away from home	429.8	0.2	0.01
Total group	1,517.5	-0.2	-0.04
Remaining goods and services	8,482.5	0.2	0.17
CPI	10,000.0	0.1	0.14

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Weight coefficient	Indices			Percentage changes			Effect	
		Dec-19	Nov-20	Dec-20	Monthly Oct - Nov	Monthly Nov - Dec	End of period Dec 19 - Dec 20	Monthly Nov - Dec	End of period Dec 19 - Dec 20
Food & catering services	1,517.5	99.91	98.62	98.40	-0.2	-0.2	-1.5	-0.036	-0.229
Food at home	1,087.7	99.16	97.09	96.70	-0.4	-0.4	-2.5	-0.043	-0.266
Bread and cereals	178.1	100.23	98.55	97.61	-0.2	-1.0	-2.6	-0.017	-0.047
Meat	242.5	99.32	97.37	97.05	-0.9	-0.3	-2.3	-0.008	-0.055
Fish and other seafood	49.0	99.99	99.68	97.89	0.7	-1.8	-2.1	-0.009	-0.010
Milk, cheese and eggs	135.3	100.53	101.25	101.12	1.0	-0.1	0.6	-0.002	0.008
Oils and fats	32.2	99.35	96.60	96.56	-1.3	0.0	-2.8	0.000	-0.009
Fruit	97.6	95.66	91.01	90.75	-1.8	-0.3	-5.1	-0.003	-0.048
Potatoes and other tubers	18.2	90.66	78.67	75.66	-2.5	-3.8	-16.6	-0.006	-0.027
Vegetables	89.1	96.14	87.94	88.67	-0.3	0.8	-7.8	0.007	-0.067
Sugar, jam, honey and other confectionery	42.0	100.42	100.11	100.21	-0.1	0.1	-0.2	0.000	-0.001
Food products n.e.c.	80.1	99.68	99.76	99.33	-0.2	-0.4	-0.3	-0.004	-0.003
Non-alcoholic beverages	123.6	100.81	100.34	100.16	-0.1	-0.2	-0.6	-0.002	-0.002
Food away from home	429.8	101.81	102.50	102.68	0.1	0.2	0.9	0.008	0.037
Other goods and services	8,482.5	100.17	96.63	96.82	0.0	0.2	-3.3	0.173	-2.839
Other goods	4,735.8	99.74	94.28	94.36	-0.1	0.1	-5.4	0.036	-2.547
Other services	3,746.7	100.72	99.58	99.94	0.2	0.4	-0.8	0.137	-0.292
CPI	10,000.0	100.13	96.93	97.06	-0.04	0.1	-3.1	0.138	-3.068

Source: Central Bureau of Statistics Aruba

The subsistence level in December 2020

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 16+) and a weight of 0.3 for each child (aged 0-15 years). The subsistence level is based on figures of the report "Bestaansminimum 2010" published by the CBS in December 2010 and is monthly updated for inflation using the monthly CPI. The reference unit used in this report is a household consisting of two (2) adults and two (2) children (aged 0-15 years).

Table 9 Monthly subsistence level in Aruba (in Afl.) by sector for a family of 2 adults and 2 children (aged 0-15 years)

Sector	Absolute		
	Dec-19	Dec-20	Change
Food and non-alcoholic beverages	1,936	1,888	-48
Clothing and footwear	268	255	-13
Housing	1,482	1,447	-35
Household operation	111	108	-3
Health	82	81	-1
Transport	293	265	-28
Communications	152	152	0
Recreation and culture	168	162	-6
Education	74	74	0
Miscellaneous goods and services	328	325	-3
Total	4,895	4,757	-138

Source: Central Bureau of Statistics Aruba

In December 2020 the monthly subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) (Afl. 4,757) showed a decrease of Afl. 138 compared to December 2019 (Afl. 4,895) and was mainly caused by a decrease of Afl. 48 in the sector "Food and non-alcoholic beverages".

Table 10 Monthly Subsistence level in Aruba (in Afl.) by family size and composition, December 2020 (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
Dec-19	2,331	3,030	3,496	4,196	4,895
Jan-20	2,314	3,008	3,471	4,165	4,860
Feb-20	2,303	2,994	3,454	4,145	4,836
Mar-20	2,300	2,989	3,449	4,139	4,829
Apr-20	2,296	2,984	3,444	4,132	4,821
May-20	2,283	2,968	3,425	4,110	4,794
Jun-20	2,277	2,960	3,416	4,099	4,782
Jul-20	2,267	2,947	3,400	4,080	4,760
Aug-20	2,276	2,959	3,415	4,098	4,781
Sep-20	2,277	2,960	3,416	4,099	4,782
Oct-20	2,273	2,955	3,410	4,092	4,773
Nov-20	2,266	2,946	3,399	4,079	4,759
Dec-20	2,265	2,945	3,398	4,077	4,757

Source: Central Bureau of Statistics Aruba

In December 2020, the monthly subsistence level for a single adult household is Afl 2,265, which represents an income deficit of Afl. 450, a decrease of Afl. 116 compared to the deficit observed one year ago (Afl. 567). This deficit is the second lowest registered over a period of five (5) years for the month December.

Table 11 Monthly income surplus/deficit (in Afl.) for a single adult household for December, 2016 - 2020

Period	1 adult	Minimum	
		wage	Surplus/deficit
2016	2,134	1,678	-456
2017	2,100	1,711	-389
2018	2,232	1,711	-521
2019	2,331	1,762	-569
2020	2,265	1,815	-450

Source: Central Bureau of Statistics Aruba

APPENDIX 1

Monthly & Yearly Changes (%) in the Consumer Price Index for December 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2019 Dec	2020 Nov	2020 Dec	Monthly Nov - Dec	Ytd Dec - Dec	End of period Dec 19 - Dec 20	Period average Dec 19 - Dec 20
Food and non-alcoholic beverages	1,087.7	99.16	97.09	96.70	-0.4	-2.5	-2.5	-0.5
Food	964.1	98.94	96.67	96.26	-0.4	-2.7	-2.7	-0.8
Non-alcoholic beverages	123.6	100.81	100.34	100.16	-0.2	-0.6	-0.6	2.0
Alcoholic beverages and tobacco	78.2	99.81	100.51	99.87	-0.6	0.1	0.1	3.2
Alcoholic beverages for consumption at home	62.2	99.43	99.30	98.46	-0.9	-1.0	-1.0	2.4
Tobacco	16.0	101.29	105.20	105.36	0.1	4.0	4.0	6.2
Clothing and footwear	276.8	98.18	93.08	93.45	0.4	-4.8	-4.8	-4.1
Clothing	212.8	95.84	93.40	94.23	0.9	-1.7	-1.7	-3.6
Footwear	64.0	105.98	91.99	90.85	-1.2	-14.3	-14.3	-5.7
Housing	2,522.2	100.37	97.70	97.98	0.3	-2.4	-2.4	-1.6
Actual rentals for housing	666.7	100.75	102.13	102.26	0.1	1.5	1.5	2.0
Imputed rentals for housing	34.4	100.91	97.34	98.52	1.2	-2.4	-2.4	-0.3
Maintenance and repair of the dwelling	517.0	99.55	100.06	101.19	1.1	1.6	1.6	2.7
Water supply and miscellaneous services relating to the dwelling	463.6	101.35	101.35	101.35	0.0	0.0	0.0	1.7
Electricity, gas and other fuels	840.4	100.00	90.72	90.72	0.0	-9.3	-9.3	-8.9
Household operation	929.2	99.82	96.37	96.66	0.3	-3.2	-3.2	-3.0
Furniture, furnishings, carpets and other floor coverings	128.8	97.33	79.76	78.66	-1.4	-19.2	-19.2	-14.0
Household textiles	58.6	96.75	83.36	83.92	0.7	-13.3	-13.3	-13.0
Household appliances	246.0	103.31	96.86	97.52	0.7	-5.6	-5.6	-4.6
Glassware, tableware and household utensils	17.2	90.58	87.86	86.32	-1.8	-4.7	-4.7	-2.6
Tools and equipment for house and garden	58.2	96.55	110.46	114.57	3.7	18.7	18.7	1.3
Goods and services for routine household maintenance and cleaning	420.5	99.79	101.37	101.40	0.0	1.6	1.6	2.3
Health	223.1	100.03	97.60	97.76	0.2	-2.3	-2.3	-0.5
Medical products, appliances and equipment	152.3	99.72	96.07	96.41	0.4	-3.3	-3.3	-1.1
Out-patient services	52.4	100.00	97.78	98.12	0.3	-1.9	-1.9	0.1
Other treatments	7.8	99.66	95.68	96.49	0.8	-3.2	-3.2	-0.9
Health products and services n.e.c.	10.5	104.95	120.20	116.56	-3.0	11.1	11.1	5.5
Transport	1,257.4	100.77	91.95	90.90	-1.1	-9.8	-9.8	-5.8
Purchase of vehicles	442.6	106.03	94.83	94.83	0.0	-10.6	-10.6	-3.2
Operation of personal transport equipment	763.3	98.12	90.07	89.67	-0.4	-8.6	-8.6	-7.1
Transport services	51.5	94.78	95.00	75.35	-20.7	-20.5	-20.5	-8.9
Communications	849.6	99.60	99.79	99.80	0.0	0.2	0.2	0.1
Telephone and telefax equipment	43.8	92.26	95.98	93.97	-2.1	1.9	1.9	-6.9
Telephone and telefax services	805.8	100.00	100.00	100.12	0.1	0.1	0.1	0.5
Recreation and culture	1,013.3	100.48	95.58	97.20	1.7	-3.3	-3.3	1.0
Audio-visual, photographic and information processing equipment	58.5	91.44	89.80	87.99	-2.0	-3.8	-3.8	-15.6
Other major durables for recreation and culture	20.0	90.44	96.01	94.07	-2.0	4.0	4.0	2.1
Other recreational items and equipment; gardens and pets	266.6	101.52	100.20	99.29	-0.9	-2.2	-2.2	2.4
Recreational and cultural services	309.1	99.24	99.78	99.65	-0.1	0.4	0.4	0.4
Newspapers, books and stationery	43.7	93.94	83.09	83.52	0.5	-11.1	-11.1	-7.9
Holidays	315.4	104.03	90.32	96.84	7.2	-6.9	-6.9	5.0
Education	98.0	100.00	100.17	100.17	0.0	0.2	0.2	0.6
Pre primary and primary education	24.0	100.00	100.00	100.00	0.0	0.0	0.0	0.5
Secondary education	43.4	100.00	100.00	100.00	0.0	0.0	0.0	0.5
Post-secondary non-tertiary education	4.6	100.00	100.00	100.00	0.0	0.0	0.0	0.5
Tertiary education	23.6	100.00	100.00	100.00	0.0	0.0	0.0	0.5
Education not definable by level	2.5	100.00	106.67	106.67	0.0	6.7	6.7	7.1
Restaurants and hotels	442.0	103.89	101.95	102.44	0.5	-1.4	-1.4	2.9
Catering services	429.8	101.81	102.50	102.68	0.2	0.9	0.9	3.1
Accommodation services	12.2	177.44	82.29	93.96	14.2	-47.0	-47.0	-2.6
Miscellaneous goods and services	1,222.6	99.33	98.32	98.43	0.1	-0.9	-0.9	-0.1
Personal care	427.1	98.77	96.98	96.65	-0.3	-2.1	-2.1	-0.8
Personal effects n.e.c.	106.6	97.24	92.07	94.62	2.8	-2.7	-2.7	-1.4
Social protection	78.2	100.00	100.00	100.00	0.0	0.0	0.0	0.5
Insurance	610.7	100.00	100.14	100.14	0.0	0.1	0.1	0.6
CPI	10,000.0	100.13	96.93	97.06	0.1	-3.1	-3.1	-1.3

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 2
Effect on the Consumer Price Index per sector and category for December 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Nov - Dec	Ytd Dec - Dec	End of period Dec 19 - Dec 20	Period average Dec 19 - Dec 20
Food and non-alcoholic beverages	1,087.7	-0.04	-0.27	-0.27	-0.06
Food	964.1	-0.04	-0.26	-0.26	-0.08
Non-alcoholic beverages	123.6	0.00	-0.01	-0.01	0.02
Alcoholic beverages and tobacco	78.2	-0.01	0.00	0.00	0.02
Alcoholic beverages for consumption at home	62.2	-0.01	-0.01	-0.01	0.01
Tobacco	16.0	0.00	0.01	0.01	0.01
Clothing and footwear	276.8	0.01	-0.13	-0.13	-0.11
Clothing	212.8	0.02	-0.03	-0.03	-0.08
Footwear	64.0	-0.01	-0.10	-0.10	-0.04
Housing	2,522.2	0.07	-0.60	-0.60	-0.40
Actual rentals for housing	666.7	0.01	0.10	0.10	0.13
Imputed rentals for housing	34.4	0.00	-0.01	-0.01	0.00
Maintenance and repair of the dwelling	517.0	0.06	0.08	0.08	0.14
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.00	0.08
Electricity, gas and other fuels	840.4	0.00	-0.78	-0.78	-0.75
Household operation	929.2	0.03	-0.29	-0.29	-0.28
Furniture, furnishings, carpets and other floor coverings	128.8	-0.01	-0.24	-0.24	-0.18
Household textiles	58.6	0.00	-0.08	-0.08	-0.08
Household appliances	246.0	0.02	-0.14	-0.14	-0.12
Glassware, tableware and household utensils	17.2	0.00	-0.01	-0.01	0.00
Tools and equipment for house and garden	58.2	0.02	0.10	0.10	0.01
Goods and services for routine household maintenance and cleaning	420.5	0.00	0.07	0.07	0.10
Health	223.1	0.00	-0.05	-0.05	-0.01
Medical products, appliances and equipment	152.3	0.01	-0.05	-0.05	-0.02
Out-patient services	52.4	0.00	-0.01	-0.01	0.00
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.00	0.01	0.01	0.01
Transport	1,257.4	-0.14	-1.24	-1.24	-0.72
Purchase of vehicles	442.6	0.00	-0.49	-0.49	-0.14
Operation of personal transport equipment	763.3	-0.03	-0.64	-0.64	-0.53
Transport services	51.5	-0.10	-0.10	-0.10	-0.04
Communications	849.6	0.00	0.02	0.02	0.01
Telephone and telefax equipment	43.8	-0.01	0.01	0.01	-0.03
Telephone and telefax services	805.8	0.01	0.01	0.01	0.04
Recreation and culture	1,013.3	0.17	-0.33	-0.33	0.10
Audio-visual, photographic and information processing equipment	58.5	-0.01	-0.02	-0.02	-0.09
Other major durables for recreation and culture	20.0	0.00	0.01	0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.03	-0.06	-0.06	0.06
Recreational and cultural services	309.1	0.00	0.01	0.01	0.01
Newspapers, books and stationery	43.7	0.00	-0.05	-0.05	-0.03
Holidays	315.4	0.21	-0.23	-0.23	0.15
Education	98.0	0.00	0.00	0.00	0.01
Pre primary and primary education	24.0	0.00	0.00	0.00	0.00
Secondary education	43.4	0.00	0.00	0.00	0.00
Post-secondary non-tertiary education	4.6	0.00	0.00	0.00	0.00
Tertiary education	23.6	0.00	0.00	0.00	0.00
Education not definable by level	2.5	0.00	0.00	0.00	0.00
Restaurants and hotels	442.0	0.02	-0.06	-0.06	0.13
Catering services	429.8	0.01	0.04	0.04	0.13
Accommodation services	12.2	0.01	-0.10	-0.10	0.00
Miscellaneous goods and services	1,222.6	0.01	-0.11	-0.11	-0.01
Personal care	427.1	-0.01	-0.09	-0.09	-0.03
Personal effects n.e.c.	106.6	0.03	-0.03	-0.03	-0.02
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.01	0.01	0.04
CPI	10,000.0	0.14	-3.07	-3.07	-1.31

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 3
Monthly & Yearly Changes (%) and effect in the Food & catering services for December 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Nov - Dec	End of period Dec 19 - Dec 20	Monthly Nov - Dec	End of period Dec 19 - Dec 20
Food & catering services	1,517.5	-0.2	-1.5	-0.036	-0.229
Food at home	1,087.7	-0.4	-2.5	-0.043	-0.266
Bread and cereals	178.1	-1.0	-2.6	-0.017	-0.047
Rice	23.5	-0.5	1.0	-0.001	0.002
Bread	72.1	-1.4	-1.3	-0.011	-0.009
Pasta products	9.2	-2.0	-4.9	-0.002	-0.004
Other cereals and cereal products	73.3	-0.5	-4.8	-0.003	-0.035
Meat	242.5	-0.3	-2.3	-0.008	-0.055
Bovine	67.3	-0.4	0.8	-0.003	0.005
Swine	25.5	0.9	1.2	0.002	0.003
Poultry	75.7	-1.5	-10.3	-0.011	-0.077
Other meat and meat preparations	74.0	0.3	1.9	0.003	0.014
Fish and other seafood	49.0	-1.8	-2.1	-0.009	-0.010
Fish and seafood preparations	49.0	-1.8	-2.1	-0.009	-0.010
Milk, cheese and eggs	135.3	-0.1	0.6	-0.002	0.008
Cheese	55.4	0.9	3.1	0.005	0.017
Eggs	16.6	-2.8	5.0	-0.005	0.008
Milk	40.0	-0.2	-3.0	-0.001	-0.012
Other milk products	23.3	-0.5	-2.5	-0.001	-0.006
Oils and fats	32.2	0.0	-2.8	0.000	-0.009
Corn oil	2.8	0.0	4.4	0.000	0.001
Butter and margarine	9.2	0.2	-1.8	0.000	-0.002
Other oils and fats	20.1	-0.2	-4.2	0.000	-0.009
Fruit	97.6	-0.3	-5.1	-0.003	-0.048
Oranges	9.4	-9.3	8.2	-0.012	0.008
Bananas and plantains	19.9	4.1	-18.5	0.006	-0.032
Apples	9.3	1.4	1.8	0.001	0.002
Avocado	5.0	5.3	4.0	0.002	0.001
Grapes	9.2	-1.2	1.8	-0.001	0.001
Nuts	11.9	-1.0	-3.4	-0.001	-0.004
Lemons and mandarins	6.0	7.5	-16.7	0.003	-0.009
Cherries and strawberries	8.8	-1.1	-2.9	-0.001	-0.003
Melons and watermelons	7.7	-2.5	-5.8	-0.002	-0.004
Papayas and pineapples	6.9	5.5	-8.0	0.003	-0.005
Other fruits and fruit products	3.5	-3.3	-10.5	-0.001	-0.004
Potatoes and other tubers	18.2	-3.8	-16.6	-0.006	-0.027
Potatoes	12.2	-5.6	-23.1	-0.005	-0.025
Other tubers	2.0	1.8	4.1	0.000	0.001
Sweet potatoes and yucca	4.0	-2.6	-8.0	-0.001	-0.003
Vegetables	89.1	0.8	-7.8	0.007	-0.067
Lettuce	6.8	-4.2	-22.9	-0.002	-0.016
Tomatoes	9.7	5.2	-5.9	0.005	-0.006
Onions and garlic	18.7	-0.4	-12.6	-0.001	-0.022
Celery and broccoli	15.3	7.7	-4.0	0.009	-0.005
Other vegetables	15.3	-2.6	-10.4	-0.004	-0.015
Other preserved or processed vegetables	8.4	2.3	5.6	0.002	0.005
Frozen vegetable mixtures	14.8	-2.0	-4.6	-0.003	-0.007
Sugar, jam, honey and other confectionery	42.0	0.1	-0.2	0.000	-0.001
Sugar	12.1	-0.1	1.3	0.000	0.002
Jams and jellies	2.5	-0.5	-2.8	0.000	-0.001
Other confectionery products	27.5	0.3	-0.6	0.001	-0.002
Food products n.e.c.	80.1	-0.4	-0.3	-0.004	-0.003
Other food products	80.1	-0.4	-0.3	-0.004	-0.003
Non-alcoholic beverages	123.6	-0.2	-0.6	-0.002	-0.008
Coffee and tea	20.9	0.0	-1.4	0.000	-0.003
Other non-alcoholic beverages	14.6	0.2	0.5	0.000	0.001
Soft and sports drinks	31.0	0.3	-0.1	0.001	0.000
Fruit juices	57.1	-0.6	-1.0	-0.003	-0.006
Food away from home	429.8	0.2	0.9	0.008	0.037
Food and beverage consumption away from home	429.8	0.2	0.9	0.008	0.037
Other goods and services	8,482.5	0.2	-3.3	0.173	-2.839
Other goods	4,735.8	0.1	-5.4	0.036	-2.547
Other services	3,746.7	0.4	-0.8	0.137	-0.292
CPI	10,000	0.1	-3.1	0.138	-3.068

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 4

Overview of Consumer Price Index (CPI) 2019 - 2020, (Jun 2019 = 100)

	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	Base Jun-19 =100.0	YEAR: 2020				YEAR: 2019			
					CHANGE				CHANGE			
					Monthly	Year-to date	Yearly	Period average	Monthly	Year-to date	Yearly	Period average
	Jan.'19	Dec.'18	Jan.'20	Dec.'19								
<u>Total Population</u>	96.25	96.67	99.57	100.13	-0.6	-0.6	3.4	3.9	-0.4	-0.4	3.6	3.8
Low Income	96.57	96.42	99.19	99.88	-0.7	-0.7	2.7		0.2	0.2	4.8	
High Income	96.17	96.77	99.74	100.25	-0.5	-0.5	3.7		-0.6	-0.6	3.2	
	Feb.'19	Jan.'19	Feb.'20	Jan.'20								
<u>Total Population</u>	96.66	96.25	98.90	99.57	-0.7	-1.2	2.3	3.9	0.4	0.0	3.0	3.9
Low Income	96.92	96.57	98.56	99.19	-0.6	-1.3	1.7		0.4	0.5	3.9	
High Income	96.58	96.17	99.06	99.74	-0.7	-1.2	2.6		0.4	-0.2	2.6	
	Mar.'19	Feb.'19	Mar.'20	Feb.'20								
<u>Total Population</u>	98.00	96.66	98.67	98.90	-0.2	-1.5	0.7	3.6	1.4	1.4	3.5	3.9
Low Income	98.22	96.92	98.35	98.56	-0.2	-1.5	0.1		1.3	1.9	4.7	
High Income	97.94	96.58	98.82	99.06	-0.2	-1.4	0.9		1.4	1.2	3.0	
	Apr.'19	Mar.'19	Apr.'20	Mar.'20								
<u>Total Population</u>	98.83	98.00	97.93	98.67	-0.8	-2.2	-0.9	3.2	0.8	2.2	4.5	4.1
Low Income	98.68	98.22	97.66	98.35	-0.7	-2.2	-1.0		0.5	2.3	4.9	
High Income	98.88	97.94	98.04	98.82	-0.8	-2.2	-0.8		1.0	2.2	4.3	
	May'19	Apr.'19	May'20	Apr.'20								
<u>Total Population</u>	99.19	98.83	97.63	97.93	-0.3	-2.5	-1.6	2.6	0.4	2.6	4.5	4.2
Low Income	99.51	98.68	97.38	97.66	-0.3	-2.5	-2.1		0.8	3.2	5.3	
High Income	99.08	98.88	97.74	98.04	-0.3	-2.5	-1.4		0.2	2.4	4.2	
	Jun'19	May'19	Jun'20	May'20								
<u>Total Population</u>	100.00	99.19	97.14	97.63	-0.5	-3.0	-2.9	2.0	0.8	3.4	4.8	4.3
Low Income	100.00	99.51	96.92	97.38	-0.5	-3.0	-3.1		0.5	3.7	5.5	
High Income	100.00	99.08	97.22	97.74	-0.5	-3.0	-2.8		0.9	3.3	4.6	
	Jul'19	Jun'19	Jul'20	Jun'20								
<u>Total Population</u>	100.00	100.00	96.83	97.14	-0.3	-3.3	-3.2	1.4	0.0	3.4	3.6	4.1
Low Income	99.97	100.00	96.95	96.92	0.0	-2.9	-3.0		0.0	3.7	4.3	
High Income	100.01	100.00	96.76	97.22	-0.5	-3.5	-3.3		0.0	3.3	3.4	
	Aug.'19	Jul'19	Aug.'20	Jul'20								
<u>Total Population</u>	99.93	100.00	97.45	96.83	0.6	-2.7	-2.5	0.9	-0.1	3.4	4.1	4.1
Low Income	99.96	99.97	97.56	96.95	0.6	-2.6	-2.4		0.0	3.7	4.4	
High Income	99.92	100.01	97.39	96.76	0.6	-2.7	-2.5		-0.1	3.3	4.0	
	Sep.'19	Aug.'19	Sep.'20	Aug.'20								
<u>Total Population</u>	99.45	99.93	97.14	97.45	-0.3	-3.0	-2.3	0.4	-0.5	2.9	3.8	4.0
Low Income	99.58	99.96	97.15	97.56	-0.4	-3.0	-2.4		-0.4	3.3	4.1	
High Income	99.39	99.92	97.12	97.39	-0.3	-3.0	-2.3		-0.5	2.7	3.7	
	Oct.'19	Sep.'19	Oct.'20	Sep.'20								
<u>Total Population</u>	99.80	99.45	96.97	97.14	-0.2	-3.2	-2.8	-0.2	0.4	3.2	4.3	4.1
Low Income	99.87	99.58	97.03	97.15	-0.1	-3.1	-2.8		0.3	3.6	4.4	
High Income	99.77	99.39	96.93	97.12	-0.2	-3.2	-2.8		0.4	3.1	4.3	
	Nov.'19	Oct.'19	Nov.'20	Oct.'20								
<u>Total Population</u>	99.58	99.80	96.93	96.97	-0.04	-3.2	-2.7	-0.8	-0.23	3.0	3.8	4.0
Low Income	99.58	99.87	96.94	97.03	-0.1	-3.2	-2.6		-0.3	3.3	3.8	
High Income	99.57	99.77	96.91	96.93	-0.02	-3.2	-2.7		-0.2	2.9	3.7	
	Dec.'19	Nov.'19	Dec.'20	Nov.'20								
<u>Total Population</u>	100.13	99.58	97.06	96.93	0.1	-3.1	-3.1	-1.3	0.6	3.6	3.6	3.9
Low Income	99.88	99.58	96.95	96.94	0.01	-3.2	-2.9		0.3	3.6	3.6	
High Income	100.25	99.57	97.10	96.91	0.2	-3.0	-3.1		0.7	3.6	3.6	

Source: Central Bureau of Statistics Aruba

Please note: CPI for the period Jun 2019 - Sep 2020 have been revised and corrected

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2020

Month	Crude Crude oil ¹	Electricity components					Water ⁵	Gasoline ⁶	Diesel ⁶
		Total energy charge ²			Fixed charge ³	Electricity ⁴			
		≤ 500 kWh	501 - 1000 kWh	> 1001 kWh					
Average 2001	26.01	24.59	22.09	22.09	0.00	172.79	89.40	128.34	90.10
Average 2002	26.06	24.89	22.39	22.39	0.00	174.91	90.82	127.20	88.68
Average 2003	34.49	27.02	24.52	24.52	0.00	190.38	99.21	139.21	100.18
Average 2004	41.31	27.18	24.68	24.68	0.00	191.57	100.02	152.51	113.05
Average 2005	56.36	31.10	28.60	28.60	0.00	219.97	113.69	167.74	136.04
Average 2006	66.12	35.91	33.41	33.41	0.00	254.88	128.70	176.22	149.77
Average 2007	72.08	36.59	34.09	34.09	0.00	259.84	133.59	200.43	168.38
Average 2008	99.87	45.67	43.17	43.17	0.00	325.67	161.80	228.19	214.48
Average 2009	61.46	37.33	34.83	34.83	0.00	265.17	139.60	175.15	142.53
Average 2010	79.22	43.92	41.42	41.42	0.00	312.98	159.21	193.43	163.22
Average 2011	94.74	47.58	47.57	47.57	0.00	345.14	177.47	229.48	203.46
Average 2012	94.25	47.68	51.21	53.46	0.00	353.85	171.13	235.53	210.07
Average 2013	98.00	41.10	44.90	58.40	0.00	306.75	137.05	229.48	205.83
Average 2014	93.49	42.58	45.32	57.77	0.63	315.71	137.05	224.24	200.21
Average 2015	48.71	47.02	46.56	55.87	2.50	342.59	137.05	179.74	147.80
Average 2016	43.17	40.40	41.80	47.64	12.50	308.76	137.05	165.87	131.12
Average 2017	50.85	34.52	35.72	45.93	12.50	265.65	137.05	180.79	147.69
Average 2018	65.08	34.52	35.72	45.93	12.50	265.65	137.05	204.95	177.59
Average 2019	56.84	34.52	35.72	45.93	12.50	265.65	137.05	202.67	176.53
January-20	57.92	31.09	31.99	42.09	12.50	240.09	137.05	204.60	179.20
February-20	50.67	31.09	31.99	42.09	12.50	240.09	137.05	201.90	172.40
March-20	30.40	31.09	31.99	42.09	12.50	240.09	137.05	197.20	160.60
April-20	17.39	31.09	31.99	42.09	12.50	240.09	137.05	160.60	136.70
May-20	26.57	31.09	31.99	42.09	12.50	240.09	137.05	144.70	119.00
June-20	38.19	31.09	31.99	42.09	12.50	240.09	137.05	160.50	121.60
July-20	40.58	31.09	31.99	42.09	12.50	240.09	137.05	174.90	135.00
August-20	42.33	31.09	31.99	42.09	12.50	240.09	137.05	178.10	140.70
September-20	39.64	31.09	31.99	42.09	12.50	240.09	137.05	180.20	140.50
October-20	39.45	31.09	31.99	42.09	12.50	240.09	137.05	178.90	135.00
November-20	41.07	31.09	31.99	42.09	12.50	240.09	137.05	176.80	136.10
December-20	46.78	31.09	31.99	42.09	12.50	240.09	137.05	176.70	142.30
Average 2020	39.25	31.09	31.99	42.09	12.50	240.09	137.05	177.93	143.26

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 Total energy charge in Afl. cents per kWh

³ Fixed charge was introduced in October 2014 at Afl. 2.50

⁴ Electricity price in Afl. is based on an average household usage of 725.5 kWh

⁵ Water price in Afl. is based on an average household usage

⁶ Gasoline and diesel prices in Afl. cents per liter