

Consumer Price Index, base period June 2019

November 2020

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

Consumer Price Index for the month of November 2020

The CPI for November 2020 is 96.93, a slight decrease of 0.04% compared to the index of October 2020 (96.97) and accumulating a decrease of 3.2% up to and including November of this year. The percentage change of the CPI over the last twelve (12) months (November 2019 to November 2020) is -2.7, a decrease of 6.5 percentage points (ppts) compared to the percentage change for the same period of last year (3.8%).

The period average percentage change of the CPI for the period November 2019 - November 2020 is -0.8%, a decrease of 4.8 ppts compared to the period average percentage change over the period November 2018 - November 2019 (4.0%).

During this month, six (6) of the twelve (12) sectors registered decreases in prices. The decreases that had the greatest influence on the CPI were registered for the "Housing" (-0.6%) and "Transport" (-0.4%) sectors, which contributed with an effect of -0.15 and -0.05 ppts, respectively. The decreases in the remaining sectors had an effect of -0.10 ppts on the CPI of November 2020. Aforementioned decreases were partially offset mainly by increases in the indices for the "Household operation" (2.3%) and "Recreation and culture" (0.4%) sectors, causing an effect of 0.21 and 0.04 ppts, respectively. The increases in the remaining sectors had an effect of 0.01 ppt on the CPI of November 2020.

The decrease in the "Housing" sector was mainly due to a decrease in the category "Maintenance and repair of the dwelling" (-2.8%), which contributed to an effect of -0.15 ppts. The decrease in the "Transport" sector was caused by a decrease of 1.0% in the category "Operation of personal transport equipment", which contributed to an effect of -0.07 ppts.

The increase in the "Household operation" sector was due to an increase in the category "Household appliances" (8.4%), which contributed to an effect of 0.19 ppts. The increase in the "Recreation and culture" sector was mainly caused by an increase of 2.9% in the category "Holidays", which contributed to an effect of 0.08 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to October 2020, 34.3% of these products had an increase in price, causing an effect of 0.77 ppts, while 47.8% showed a decrease, contributing to an effect of -0.82 ppts and the remaining 17.9% had no change in price. The prices of goods decreased by 0.2% and caused an influence of -0.11 ppts. The prices of services showed an increase of 0.1% and had an influence of 0.06 ppts on the CPI of November 2020.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 0.5% in November 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -6.9%. The food index showed an increase of -0.1%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in November 2020 is Afl. 4,759, a decrease of Afl. 132 compared to November 2019 (Afl. 4,891). The subsistence level for a single adult household is Afl. 2,266, a decrease of Afl. 63 compared to November 2019 (Afl. 2,329).


January 19, 2021		
 central bureau of statistics NOVEMBER 2020		
CPI (BASE JUN 2019 = 100)		
Index	↓	96.93
Monthly	↓	-0.04
Year-to-date	↓	-3.2
End of period	↓	-2.7
Period average	↓	-0.8
Goods	↓	-0.2
Services	↑	0.1
CPIC		
CPIC	↑	0.5
Energy	↓	-6.9
Food	↓	-0.1
SUBSISTENCE LEVEL <small>in AFL.</small>		
1 adult	↓	2,266
2 adults + 2 children	↓	4,759
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

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
<i>Index</i>	99.58	100.13	99.57	98.90	98.67	97.93	97.63	97.14	96.83	97.45	97.14	96.97	96.93
<i>Monthly</i>	-0.2	0.6	-0.6	-0.7	-0.2	-0.8	-0.3	-0.5	-0.3	0.6	-0.3	-0.2	0.0
<i>Year-to-date</i>	3.0	3.6	-0.6	-1.2	-1.5	-2.2	-2.5	-3.0	-3.3	-2.7	-3.0	-3.2	-3.2
<i>End of period</i>	3.8	3.6	3.4	2.3	0.7	-0.9	-1.6	-2.9	-3.2	-2.5	-2.3	-2.8	-2.7
<i>Period average</i>	4.0	3.9	3.9	3.9	3.6	3.2	2.6	2.0	1.4	0.9	0.4	-0.2	-0.8
<i>Goods</i>	-0.7	0.3	-0.7	-1.4	-0.5	-1.4	-0.5	-0.9	0.1	1.4	-0.6	-0.2	-0.2
<i>Services</i>	0.4	0.9	-0.4	0.3	0.1	0.2	0.0	0.0	-0.9	-0.4	0.07	-0.1	0.1
<i>CPIC</i>	3.6	3.6	3.7	3.8	3.7	3.4	3.1	2.7	2.3	1.9	1.5	1.0	0.5
<i>Energy</i>	1.9	1.8	1.5	1.3	0.7	-0.2	-1.5	-2.7	-3.6	-4.6	-5.4	-6.2	-6.9
<i>Food</i>	11.0	10.5	9.9	9.3	8.3	7.4	6.2	4.9	3.7	2.6	1.6	0.7	-0.1
<i>1 adult</i>	2,329	2,331	2,314	2,303	2,300	2,296	2,283	2,277	2,267	2,276	2,277	2,273	2,266
<i>2 adults + 2 children</i>	4,891	4,895	4,860	4,836	4,829	4,821	4,794	4,782	4,760	4,781	4,782	4,773	4,759

Source: Central Bureau of Statistics Aruba

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

Table 2 Percentage change by sector

Sector	Weight coefficient	Effect Oct - Nov	Percentage changes			
			Monthly Oct - Nov	Year-to-date Dec - Nov	End of period Nov 19 - Nov 20	Period average Nov 19 - Nov 20
CPI	10,000.0	-0.04	-0.04	-3.2	-2.7	-0.8
<i>01. Food and non-alcoholic beverages</i>	1,087.7	-0.04	-0.4	-2.1	-2.3	0.2
<i>02. Alcoholic beverages and tobacco</i>	78.2	0.00	-0.1	0.7	0.4	4.6
<i>03. Clothing and footwear</i>	276.8	0.00	0.1	-5.2	-8.3	-3.7
<i>04. Housing</i>	2,522.2	-0.15	-0.6	-2.7	-2.1	-1.1
<i>05. Household operation</i>	929.2	0.21	2.3	-3.5	-2.7	-2.7
<i>06. Health</i>	223.1	-0.02	-0.9	-2.4	-3.1	-0.2
<i>07. Transport</i>	1,257.4	-0.05	-0.4	-8.8	-7.0	-4.5
<i>08. Communications</i>	849.6	0.00	0.1	0.2	0.4	0.2
<i>09. Recreation and culture</i>	1,013.3	0.04	0.4	-4.9	-4.0	1.4
<i>10. Education</i>	98.0	0.00	0.0	0.2	0.2	0.8
<i>11. Restaurants and hotels</i>	442.0	0.00	0.1	-1.9	0.6	3.8
<i>12. Miscellaneous goods and services</i>	1,222.6	-0.04	-0.3	-1.0	-1.1	0.3

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Household appliances</i>	8.4	0.19
<i>Holidays</i>	2.9	0.08
<i>Furniture, furnishings, carpets and other floor coverings</i>	5.8	0.06
<i>Audio-visual, photographic and information processing equipment</i>	10.0	0.05

Source: Central Bureau of Statistics Aruba

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

Category	Monthly change	Effect
<i>Maintenance and repair of the dwelling</i>	-2.8	-0.15
<i>Operation of personal transport equipment</i>	-1.0	-0.07
<i>Other recreational items and equipment; gardens and pets</i>	-2.5	-0.07
<i>Food</i>	-0.4	-0.04

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In November 2020 the average price per barrel of crude oil (US\$ 41.07) had an increase of US\$ 1.62 (4.1%) compared to October 2020 (US\$ 39.45).

The prices of electricity and water did not change compared to October 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 November 2020 the price of gasoline registered a decrease of Afl. 2.10 cents (-1.2%) and had an effect of -0.04 ppts on the CPI. The price of diesel registered an increase of Afl. 1.10 cents (0.8%) and had an insignificant effect on the CPI of November 2020.

In November 2020, utilities, gasoline and diesel as a group showed a decrease in price of 0.3% compared to October 2020, and had an influence of -0.04 ppts on the CPI, while the remaining 404 goods and services, as a group, was virtually unchanged and had no effect of on the CPI.

Table 6 Effect on the CPI of November 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	-1.2	-0.04
Water	367.3	0.0	0.00
Diesel	30.2	0.8	0.00
Total group	1,638.1	-0.3	-0.04
Remaining goods and services	8,361.9	0.0	0.00
CPI	10,000.0	-0.04	-0.04

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							
Yearly Average	56.84	34.52	35.72	265.65	137.05	202.67	176.53	38.56	31.09	31.99	240.09	137.05	178.04	143.35

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 November 2020

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

The “Milk, cheese and eggs” (1.0%) and “Fish and other seafood” (0.7%) indices registered the only increases in November 2020.

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

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

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

Table 8 Effect on the CPI of November 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	0.1	0.00
Total group	1,517.5	-0.2	-0.04
Remaining goods and services	8,482.5	-0.01	-0.01
CPI	10,000.0	-0.04	-0.04

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

	Indices	Percentage changes			Effect					
		Weight coefficient	Nov-19	Oct-20	Nov-20	Monthly	End of period			
					Sep - Oct	Oct - Nov	Nov 19 - Nov 20	Oct - Nov	Nov 19 - Nov 20	
Food & catering services		1,517.5	99.79	98.86	98.62	0.04	-0.2	-1.2	-0.037	-0.178
Food at home		1,087.7	99.33	97.44	97.09	0.01	-0.4	-2.3	-0.039	-0.244
Bread and cereals		178.1	99.88	98.78	98.55	-0.2	-0.2	-1.3	-0.004	-0.024
Meat		242.5	99.55	98.23	97.37	-1.1	-0.9	-2.2	-0.021	-0.053
Fish and other seafood		49.0	100.42	98.99	99.68	-0.4	0.7	-0.7	0.003	-0.004
Milk, cheese and eggs		135.3	100.15	100.27	101.25	0.6	1.0	1.1	0.014	0.015
Oils and fats		32.2	99.41	97.87	96.60	-0.1	-1.3	-2.8	-0.004	-0.009
Fruit		97.6	95.56	92.72	91.01	1.3	-1.8	-4.8	-0.017	-0.045
Potatoes and other tubers		18.2	90.98	80.67	78.67	0.1	-2.5	-13.5	-0.004	-0.022
Vegetables		89.1	98.55	88.20	87.94	1.5	-0.3	-10.8	-0.002	-0.095
Sugar, jam, honey and other confectionery		42.0	100.24	100.24	100.11	0.0	-0.1	-0.1	-0.001	-0.001
Food products n.e.c.		80.1	99.86	99.94	99.76	0.1	-0.2	-0.1	-0.001	-0.001
Non-alcoholic beverages		123.6	100.84	100.43	100.34	0.0	-0.1	-0.5	-0.001	-0.002
Food away from home		429.8	100.96	102.45	102.50	0.1	0.1	1.5	0.003	0.067
Other goods and services		8,482.5	99.54	96.63	96.63	-0.2	0.0	-2.9	-0.008	-2.481
Other goods		4,735.8	99.34	94.42	94.28	-0.3	-0.1	-5.1	-0.067	-2.403
Other services		3,746.7	99.79	99.43	99.58	-0.1	0.2	-0.2	0.059	-0.077
CPI		10,000.0	99.58	96.97	96.93	-0.2	-0.04	-2.7	-0.045	-2.659

Source: Central Bureau of Statistics Aruba

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

APPENDIX 1
Monthly & Yearly Changes (%) in the Consumer Price Index for November 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	2019 Nov	2019 Dec	2020 Oct	2020 Nov	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 19 - Nov 20	Period average Nov 19 - Nov 20
Food and non-alcoholic beverages	1,087.7	99.33	99.16	97.44	97.09	-0.4	-2.1	-2.3	0.2
Food	964.1	99.13	98.94	97.06	96.67	-0.4	-2.3	-2.5	-0.1
Non-alcoholic beverages	123.6	100.84	100.81	100.43	100.34	-0.1	-0.5	-0.5	2.8
Alcoholic beverages and tobacco	78.2	100.14	99.81	100.59	100.51	-0.1	0.7	0.4	4.6
Alcoholic beverages for consumption at home	62.2	99.84	99.43	99.37	99.30	-0.1	-0.1	-0.5	4.1
Tobacco	16.0	101.29	101.29	105.36	105.20	-0.1	3.9	3.9	6.5
Clothing and footwear	276.8	101.51	98.18	92.99	93.08	0.1	-5.2	-8.3	-3.7
Clothing	212.8	99.73	95.84	92.33	93.40	1.2	-2.5	-6.3	-3.5
Footwear	64.0	107.42	105.98	95.22	91.99	-3.4	-13.2	-14.4	-4.1
Housing	2,522.2	99.78	100.37	98.27	97.70	-0.6	-2.7	-2.1	-1.1
Actual rentals for housing	666.7	100.62	100.75	102.00	102.13	0.1	1.4	1.5	2.2
Imputed rentals for housing	34.4	100.91	100.91	98.60	97.34	-1.3	-3.5	-3.5	0.2
Maintenance and repair of the dwelling	517.0	98.08	99.55	102.93	100.06	-2.8	0.5	2.0	3.1
Water supply and miscellaneous services relating to the dwelling	463.6	100.00	101.35	101.35	101.35	0.0	0.0	1.3	2.0
Electricity, gas and other fuels	840.4	100.00	100.00	90.72	90.72	0.0	-9.3	-9.3	-7.9
Household operation	929.2	99.00	99.82	94.20	96.37	2.3	-3.5	-2.7	-2.7
Furniture, furnishings, carpets and other floor coverings	128.8	94.01	97.33	75.36	79.76	5.8	-18.1	-15.2	-12.3
Household textiles	58.6	96.39	96.75	84.00	83.36	-0.8	-13.8	-13.5	-13.0
Household appliances	246.0	100.17	103.31	89.34	96.86	8.4	-6.2	-3.3	-4.0
Glassware, tableware and household utensils	17.2	92.58	90.58	97.54	87.86	-9.9	-3.0	-5.1	-2.3
Tools and equipment for house and garden	58.2	103.02	96.55	112.59	110.46	-1.9	14.4	7.2	-1.2
Goods and services for routine household maintenance and cleaning	420.5	99.91	99.79	101.56	101.37	-0.2	1.6	1.5	2.4
Health	223.1	100.68	100.03	98.53	97.60	-0.9	-2.4	-3.1	-0.2
Medical products, appliances and equipment	152.3	101.03	99.72	97.60	96.07	-1.6	-3.7	-4.9	-0.8
Out-patient services	52.4	100.00	100.00	99.98	97.78	-2.2	-2.2	-2.2	0.4
Other treatments	7.8	100.15	99.66	97.83	95.68	-2.2	-4.0	-4.5	-0.3
Health products and services n.e.c.	10.5	99.33	104.95	105.30	120.20	14.1	14.5	21.0	5.3
Transport	1,257.4	98.84	100.77	92.32	91.95	-0.4	-8.8	-7.0	-4.5
Purchase of vehicles	442.6	100.08	106.03	94.81	94.83	0.0	-10.6	-5.2	-1.6
Operation of personal transport equipment	763.3	98.30	98.12	91.02	90.07	-1.0	-8.2	-8.4	-6.1
Transport services	51.5	96.30	94.78	90.25	95.00	5.3	0.2	-1.3	-6.4
Communications	849.6	99.37	99.60	99.74	99.79	0.1	0.2	0.4	0.2
Telephone and telefax equipment	43.8	87.82	92.26	94.98	95.98	1.0	4.0	9.3	-7.4
Telephone and telefax services	805.8	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Recreation and culture	1,013.3	99.55	100.48	95.23	95.58	0.4	-4.9	-4.0	1.4
Audio-visual, photographic and information processing equipment	58.5	103.90	91.44	81.63	89.80	10.0	-1.8	-13.6	-16.7
Other major durables for recreation and culture	20.0	99.86	90.44	97.22	96.01	-1.2	6.2	-3.8	1.3
Other recreational items and equipment; gardens and pets	266.6	101.75	101.52	102.81	100.20	-2.5	-1.3	-1.5	3.1
Recreational and cultural services	309.1	99.21	99.24	99.78	99.78	0.0	0.5	0.6	0.5
Newspapers, books and stationery	43.7	98.34	93.94	88.13	83.09	-5.7	-11.6	-15.5	-7.1
Holidays	315.4	97.36	104.03	87.74	90.32	2.9	-13.2	-7.2	5.9
Education	98.0	100.00	100.00	100.17	100.17	0.0	0.2	0.2	0.8
Pre primary and primary education	24.0	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Secondary education	43.4	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Post-secondary non-tertiary education	4.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Tertiary education	23.6	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Education not definable by level	2.5	100.00	100.00	106.67	106.67	0.0	6.7	6.7	6.8
Restaurants and hotels	442.0	101.31	103.89	101.90	101.95	0.1	-1.9	0.6	3.8
Catering services	429.8	100.96	101.81	102.45	102.50	0.1	0.7	1.5	3.6
Accommodation services	12.2	113.72	177.44	82.44	82.29	-0.2	-53.6	-27.6	10.2
Miscellaneous goods and services	1,222.6	99.38	99.33	98.64	98.32	-0.3	-1.0	-1.1	0.3
Personal care	427.1	98.84	98.77	97.20	96.98	-0.2	-1.8	-1.9	-0.2
Personal effects n.e.c.	106.6	97.58	97.24	94.78	92.07	-2.9	-5.3	-5.6	-0.6
Social protection	78.2	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.6
Insurance	610.7	100.00	100.00	100.14	100.14	0.0	0.1	0.1	0.7
CPI	10,000.0	99.58	100.13	96.97	96.93	-0.04	-3.2	-2.7	-0.8

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 November 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	Monthly Oct - Nov	Ytd Dec - Nov	End of period Nov 19 - Nov 20	Period average Nov 19 - Nov 20
Food and non-alcoholic beverages	1,087.7	-0.04	-0.22	-0.24	0.02
Food	964.1	-0.04	-0.22	-0.24	-0.01
Non-alcoholic beverages	123.6	0.00	-0.01	-0.01	0.03
Alcoholic beverages and tobacco	78.2	0.00	0.01	0.00	0.04
Alcoholic beverages for consumption at home	62.2	0.00	0.00	0.00	0.02
Tobacco	16.0	0.00	0.01	0.01	0.01
Clothing and footwear	276.8	0.00	-0.14	-0.23	-0.10
Clothing	212.8	0.02	-0.05	-0.14	-0.08
Footwear	64.0	-0.02	-0.09	-0.10	-0.03
Housing	2,522.2	-0.15	-0.67	-0.53	-0.28
Actual rentals for housing	666.7	0.01	0.09	0.10	0.15
Imputed rentals for housing	34.4	0.00	-0.01	-0.01	0.00
Maintenance and repair of the dwelling	517.0	-0.15	0.03	0.10	0.16
Water supply and miscellaneous services relating to the dwelling	463.6	0.00	0.00	0.06	0.09
Electricity, gas and other fuels	840.4	0.00	-0.78	-0.78	-0.67
Household operation	929.2	0.21	-0.32	-0.25	-0.25
Furniture, furnishings, carpets and other floor coverings	128.8	0.06	-0.23	-0.18	-0.16
Household textiles	58.6	0.00	-0.08	-0.08	-0.08
Household appliances	246.0	0.19	-0.16	-0.08	-0.10
Glassware, tableware and household utensils	17.2	-0.02	0.00	-0.01	0.00
Tools and equipment for house and garden	58.2	-0.01	0.08	0.04	-0.01
Goods and services for routine household maintenance and cleaning	420.5	-0.01	0.07	0.06	0.10
Health	223.1	-0.02	-0.05	-0.07	0.00
Medical products, appliances and equipment	152.3	-0.02	-0.06	-0.08	-0.01
Out-patient services	52.4	-0.01	-0.01	-0.01	0.00
Other treatments	7.8	0.00	0.00	0.00	0.00
Health products and services n.e.c.	10.5	0.02	0.02	0.02	0.01
Transport	1,257.4	-0.05	-1.11	-0.87	-0.56
Purchase of vehicles	442.6	0.00	-0.49	-0.23	-0.07
Operation of personal transport equipment	763.3	-0.07	-0.61	-0.63	-0.46
Transport services	51.5	0.03	0.00	-0.01	-0.03
Communications	849.6	0.00	0.02	0.04	0.02
Telephone and telefax equipment	43.8	0.00	0.02	0.04	-0.03
Telephone and telefax services	805.8	0.00	0.00	0.00	0.05
Recreation and culture	1,013.3	0.04	-0.50	-0.40	0.14
Audio-visual, photographic and information processing equipment	58.5	0.05	-0.01	-0.08	-0.10
Other major durables for recreation and culture	20.0	0.00	0.01	-0.01	0.00
Other recreational items and equipment; gardens and pets	266.6	-0.07	-0.04	-0.04	0.08
Recreational and cultural services	309.1	0.00	0.02	0.02	0.02
Newspapers, books and stationery	43.7	-0.02	-0.05	-0.07	-0.03
Holidays	315.4	0.08	-0.43	-0.22	0.17
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	0.00	-0.09	0.03	0.17
Catering services	429.8	0.00	0.03	0.07	0.15
Accommodation services	12.2	0.00	-0.12	-0.04	0.01
Miscellaneous goods and services	1,222.6	-0.04	-0.12	-0.13	0.03
Personal care	427.1	-0.01	-0.08	-0.08	-0.01
Personal effects n.e.c.	106.6	-0.03	-0.05	-0.06	-0.01
Social protection	78.2	0.00	0.00	0.00	0.00
Insurance	610.7	0.00	0.01	0.01	0.05
CPI	10,000.0	-0.04	-3.20	-2.66	-0.77

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 November 2020, Total Population (Jun 2019 = 100)

DESCRIPTION	WEIGHT coefficient	% Change		Effect	
		Monthly Oct - Nov	End of period Nov 19 - Nov 20	Monthly Oct - Nov	End of period Nov 19 - Nov 20
Food & catering services	1,517.5	-0.2	-1.2	-0.037	-0.178
Food at home	1,087.7	-0.4	-2.3	-0.039	-0.244
Bread and cereals	178.1	-0.2	-1.3	-0.004	-0.024
Rice	23.5	0.6	2.2	0.001	0.005
Bread	72.1	1.1	0.4	0.008	0.003
Pasta products	9.2	-0.9	-3.0	-0.001	-0.003
Other cereals and cereal products	73.3	-1.8	-4.0	-0.013	-0.030
Meat	242.5	-0.9	-2.2	-0.021	-0.053
Bovine	67.3	-0.7	0.8	-0.005	0.006
Swine	25.5	-1.1	0.7	-0.003	0.002
Poultry	75.7	-1.2	-9.5	-0.009	-0.072
Other meat and meat preparations	74.0	-0.6	1.5	-0.005	0.011
Fish and other seafood	49.0	0.7	-0.7	0.003	-0.004
Fish and seafood preparations	49.0	0.7	-0.7	0.003	-0.004
Milk, cheese and eggs	135.3	1.0	1.1	0.014	0.015
Cheese	55.4	0.7	2.5	0.004	0.014
Eggs	16.6	8.1	11.3	0.014	0.018
Milk	40.0	-0.6	-3.0	-0.002	-0.012
Other milk products	23.3	-0.7	-2.3	-0.002	-0.005
Oils and fats	32.2	-1.3	-2.8	-0.004	-0.009
Corn oil	2.8	2.8	2.4	0.001	0.001
Butter and margarine	9.2	-1.0	-1.5	-0.001	-0.001
Other oils and fats	20.1	-2.0	-4.2	-0.004	-0.008
Fruit	97.6	-1.8	-4.8	-0.017	-0.045
Oranges	9.4	-3.7	23.1	-0.005	0.023
Bananas and plantains	19.9	-4.8	-22.4	-0.007	-0.039
Apples	9.3	-1.2	-0.1	-0.001	0.000
Avocado	5.0	0.4	-3.1	0.000	-0.001
Grapes	9.2	-0.1	4.6	0.000	0.004
Nuts	11.9	-1.1	-3.9	-0.001	-0.005
Lemons and mandarins	6.0	-10.4	-25.9	-0.005	-0.015
Cherries and strawberries	8.8	4.9	8.8	0.005	0.009
Melons and watermelons	7.7	-2.3	-9.7	-0.002	-0.007
Papayas and pineapples	6.9	-0.8	-13.7	0.000	-0.009
Other fruits and fruit products	3.5	-3.0	-11.5	-0.001	-0.004
Potatoes and other tubers	18.2	-2.5	-13.5	-0.004	-0.022
Potatoes	12.2	-4.3	-18.0	-0.004	-0.020
Other tubers	2.0	-2.4	1.6	-0.001	0.000
Sweet potatoes and yucca	4.0	2.7	-8.5	0.001	-0.003
Vegetables	89.1	-0.3	-10.8	-0.002	-0.095
Lettuce	6.8	15.9	-25.5	0.008	-0.019
Tomatoes	9.7	8.7	-19.2	0.008	-0.023
Onions and garlic	18.7	-3.9	-13.1	-0.006	-0.023
Celery and broccoli	15.3	-6.2	-12.3	-0.008	-0.016
Other vegetables	15.3	-2.7	-8.1	-0.004	-0.012
Other preserved or processed vegetables	8.4	0.3	3.2	0.000	0.003
Frozen vegetable mixtures	14.8	-0.1	-2.8	0.000	-0.004
Sugar, jam, honey and other confectionery	42.0	-0.1	-0.1	-0.001	-0.001
Sugar	12.1	0.4	1.6	0.000	0.002
Jams and jellies	2.5	-1.9	-2.0	0.000	0.000
Other confectionery products	27.5	-0.2	-0.8	-0.001	-0.002
Food products n.e.c.	80.1	-0.2	-0.1	-0.001	-0.001
Other food products	80.1	-0.2	-0.1	-0.001	-0.001
Non-alcoholic beverages	123.6	-0.1	-0.5	-0.001	-0.006
Coffee and tea	20.9	-1.1	-1.4	-0.002	-0.003
Other non-alcoholic beverages	14.6	-0.3	-0.2	0.000	0.000
Soft and sports drinks	31.0	-0.3	-0.3	-0.001	-0.001
Fruit juices	57.1	0.5	-0.4	0.003	-0.002
Food away from home	429.8	0.1	1.5	0.003	0.067
Food and beverage consumption away from home	429.8	0.1	1.5	0.003	0.067
Other goods and services	8,482.5	0.0	-2.9	-0.008	-2.481
Other goods	4,735.8	-0.1	-5.1	-0.067	-2.403
Other services	3,746.7	0.2	-0.2	0.059	-0.077
CPI	10,000	-0.04	-2.7	-0.045	-2.659

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							0.6	3.6	3.6	3.9
Low Income	99.88	99.58							0.3	3.6	3.6	
High Income	100.25	99.57							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									
Average 2020	38.56	31.09	31.99	42.09	12.50	240.09	137.05	178.04	143.35

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