

Consumer Price Index, base period June 2019

October 2019

The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of October 2019.

Consumer Price Index for the month of October 2019

The CPI for October 2019 is 100.49, an increase of 0.5% compared to the index of September 2019 (100.00) and accumulating an increase of 3.9% up to and including October of this year.

The percentage change of the CPI over the last twelve (12) months (October 2018 to October 2019) is 5.0, an increase of 1.1 ppts compared to the percentage change for the same period of last year (3.9%).

The period average percentage change of the CPI for the period October 2018 - October 2019 is 4.2%, an increase of 1.5 ppts compared to the period average percentage change over the period October 2017 - October 2018 (2.7%).

During this month, five (5) 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" (4.4%) and "Transport" (0.9%) sectors, which contributed with an effect of 0.37 and 0.11 ppts, respectively. The increases in the remaining sectors had an effect of 0.21 ppts on the CPI of October 2019.

Aforementioned increases were partially offset mainly by a decrease in the index for the "Household operation" (-1.2%) sector, causing an effect of -0.09 ppts. The decreases in the remaining sectors had an effect of -0.11 ppts on the CPI of October 2019.

The increase in the "Recreation and culture" sector was mainly due to an increase in the category "Holidays" (21.0%), which contributed to an effect of 0.37 ppts. The increase in the "Transport" sector was mainly caused by an increase of 19.2% in the category "Transport services", which contributed to an effect of 0.09 ppts.

The decrease in the "Household operation" sector was mainly due to a decrease in the category "Furniture, furnishings, carpets and other floor coverings" (-9.2%), which contributed to an effect of -0.05 ppts.

Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to September 2019, 42.6% of these products had an increase in price, causing an effect of 1.35 ppts, while 33.8% showed a decrease, contributing to an effect of -0.86 ppts and the remaining 23.5% had no change in price. The prices of goods increased by 0.04% and caused an influence of 0.02 ppts. The prices of services showed an increase of 1.2% and had an influence of 0.46 ppts on the CPI of October 2019.

Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 3.1% in October 2019. The energy index - which consists of the products: electricity, water, gasoline and diesel – was 0.3%. The food index showed an increase of 13.1%.

Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in October 2019 is Afl. 5,002, an increase of Afl. 358 compared to October 2018 (Afl. 4,644). The subsistence level for a single adult household is Afl. 2,382, an increase of Afl. 171 compared to October 2018 (Afl. 2,211).

December 6, 2019



CPI (BASE JUN 2019 = 100)

| | | |
|----------------|---|--------|
| Index | ↑ | 100.49 |
| Monthly | ↑ | 0.5 |
| Year-to-date | ↑ | 3.9 |
| End of period | ↑ | 5.0 |
| Period average | ↑ | 4.2 |
| Goods | ↑ | 0.04 |
| Services | ↑ | 1.2 |

CPIC

| | | |
|--------|---|------|
| CPIC | ↑ | 3.1 |
| Energy | ↑ | 0.3 |
| Food | ↑ | 13.1 |

SUBSISTENCE LEVEL *in AFL.*

| | | |
|-----------------------|---|-------|
| 1 adult | ↑ | 2,382 |
| 2 adults + 2 children | ↑ | 5,002 |

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

| | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>Index</i> | 95.66 | 95.97 | 96.67 | 96.25 | 96.66 | 98.00 | 98.83 | 99.19 | 100.00 | 100.06 | 99.80 | 100.00 | 100.49 |
| <i>Monthly</i> | -0.1 | 0.31 | 0.7 | -0.4 | 0.4 | 1.4 | 0.8 | 0.4 | 0.8 | 0.1 | -0.3 | 0.2 | 0.5 |
| <i>Year-to-date</i> | 3.4 | 3.7 | 4.5 | -0.4 | 0.0 | 1.4 | 2.2 | 2.6 | 3.4 | 3.5 | 3.2 | 3.4 | 3.9 |
| <i>End of period</i> | 3.9 | 4.4 | 4.5 | 3.6 | 3.0 | 3.5 | 4.5 | 4.5 | 4.8 | 3.7 | 4.0 | 4.4 | 5.0 |
| <i>Period average</i> | 2.7 | 3.2 | 3.6 | 3.8 | 3.9 | 3.9 | 4.1 | 4.2 | 4.3 | 4.2 | 4.1 | 4.1 | 4.2 |
| <i>Goods</i> | 0.1 | 0.4 | -0.2 | 0.2 | 0.3 | 2.3 | 0.5 | 1.3 | 0.7 | -0.3 | 0.1 | 0.1 | 0.0 |
| <i>Services</i> | -0.5 | 0.2 | 2.1 | -1.3 | 0.5 | 0.1 | 1.3 | -1.0 | 1.0 | 0.6 | -0.7 | 0.4 | 1.2 |
| <i>CPIC</i> | n.a. | n.a. | 1.9 | 2.0 | 2.2 | 2.3 | 2.5 | 2.8 | 3.0 | 2.9 | 2.9 | 2.9 | 3.1 |
| <i>Energy</i> | n.a. | n.a. | 3.8 | 3.7 | 3.4 | 3.3 | 3.1 | 2.9 | 2.5 | 1.9 | 1.4 | 0.8 | 0.3 |
| <i>Food</i> | n.a. | n.a. | 11.4 | 12.4 | 12.1 | 12.1 | 12.0 | 11.9 | 12.0 | 12.1 | 12.4 | 12.7 | 13.1 |
| <i>1 adult</i> | 2,211 | 2,228 | 2,244 | 2,255 | 2,264 | 2,317 | 2,338 | 2,361 | 2,384 | 2,379 | 2,372 | 2,377 | 2,382 |
| <i>2 adults + 2 children</i> | 4,644 | 4,678 | 4,712 | 4,735 | 4,754 | 4,867 | 4,909 | 4,957 | 5,005 | 4,997 | 4,981 | 4,992 | 5,002 |

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

| Sector | Weight coefficient | Effect Sep - Oct | Percentage changes | | | |
|--------------------------------------|--------------------|------------------|--------------------|------------------------|-------------------------------|--------------------------------|
| | | | Monthly Sep - Oct | Year-to-date Dec - Oct | End of period Oct 18 - Oct 19 | Period average Oct 18 - Oct 19 |
| CPI | 10,000.0 | 0.49 | 0.5 | 3.9 | 5.0 | 4.2 |
| 01. Food and non-alcoholic beverages | 1,087.7 | -0.08 | -0.4 | 11.5 | 14.6 | 13.1 |
| 02. Alcoholic beverages and tobacco | 78.2 | 0.00 | -0.1 | 14.7 | 14.6 | 13.2 |
| 03. Clothing and footwear | 276.8 | 0.04 | 1.6 | 7.4 | 8.1 | 5.1 |
| 04. Housing | 2,522.2 | 0.10 | 0.4 | 1.4 | 1.8 | 1.2 |
| 05. Household operation | 929.2 | -0.09 | -1.2 | 1.7 | 0.2 | 0.0 |
| 06. Health | 223.1 | -0.01 | -0.7 | -1.3 | -2.4 | 4.5 |
| 07. Transport | 1,257.4 | 0.11 | 0.9 | 2.2 | -0.4 | 1.9 |
| 08. Communications | 849.6 | -0.01 | -0.1 | -0.1 | 7.9 | 9.4 |
| 09. Recreation and culture | 1,013.3 | 0.37 | 4.4 | 6.0 | 12.7 | 1.7 |
| 10. Education | 98.0 | 0.00 | 0.0 | 0.0 | 0.0 | 0.3 |
| 11. Restaurants and hotels | 442.0 | -0.01 | -0.2 | 2.5 | 2.3 | 3.9 |
| 12. Miscellaneous goods and services | 1,222.6 | 0.07 | 0.7 | 3.9 | 3.5 | 2.7 |

Source: Central Bureau of Statistics Aruba

Table 3 Categories with the greatest positive effect on the CPI of October 2019

| Category | Monthly change | Effect |
|--|----------------|--------|
| Holidays | 21.0 | 0.37 |
| Maintenance and repair of the dwelling | 2.0 | 0.09 |
| Transport services | 19.2 | 0.09 |
| Personal effects n.e.c. | 6.4 | 0.07 |

Source: Central Bureau of Statistics Aruba

Table 4 Categories with the greatest negative effect on the CPI of October 2019

| Category | Monthly change | Effect |
|---|----------------|--------|
| Food | -0.6 | -0.09 |
| Furniture, furnishings, carpets and other floor coverings | -9.2 | -0.05 |
| Household appliances | -2.9 | -0.04 |
| Recreational and cultural services | -1.2 | -0.03 |

Source: Central Bureau of Statistics Aruba

Change in prices of crude oil, utilities, gasoline and diesel in October 2019

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In October 2019 the average price per barrel of crude oil (US\$ 53.77) had a decrease of US\$ 3.26 (-5.7%) compared to September 2019 (US\$ 57.03).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in October 2019, it stayed at Afl. 34.52 cents per kWh. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh did not change in October 2019, it stayed at Afl. 35.72 cents per kWh. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh did not change in October 2019, it stayed at Afl. 45.93 cents per kWh. The prices of electricity and water did not change compared to September 2019. Subsequently, the average electricity price per household remained at Afl. 265.65, while the average price of water per household remained at Afl. 137.05.

In October 2019 the price of gasoline registered an increase of Afl. 0.60 cents (0.3%) and had an effect of 0.01 ppt on the CPI. The price of diesel registered an increase of Afl. 5.60 cents (3.2%) and had an effect of 0.01 ppt on the CPI of October 2019.

In October 2019, utilities, gasoline and diesel as a group showed an increase in price of 0.2% compared to September 2019, and had an influence of 0.02 ppts on the CPI, while the remaining 404 goods and services, as a group, experienced an increase of 0.6% in price, causing an effect of 0.46 ppts on the CPI.

Table 6 Effect on the CPI of October 2019 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 | 0.3 | 0.01 |
| Water | 367.3 | 0.0 | 0.00 |
| Diesel | 30.2 | 3.2 | 0.01 |
| Total group | 1,638.1 | 0.2 | 0.02 |
| Remaining goods and services | 8,361.9 | 0.6 | 0.46 |
| CPI | 10,000.0 | 0.5 | 0.49 |

Source: Central Bureau of Statistics Aruba

Table 5 Prices of crude oil, utilities, gasoline and diesel, 2018 - 2019

| Month | 2018 | | | | | | | 2019 | | | | | | |
|-----------------------|--------------|-------------------------------|----------------------------------|---------------|---------------|---------------|---------------|--------------|-------------------------------|----------------------------------|---------------|---------------|---------------|---------------|
| | 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 | 63.38 | 34.52 | 35.72 | 265.65 | 137.05 | 186.80 | 161.90 | 50.65 | 34.52 | 35.72 | 265.65 | 137.05 | 188.50 | 165.10 |
| March | 62.59 | 34.52 | 35.72 | 265.65 | 137.05 | 194.30 | 168.30 | 54.45 | 34.52 | 35.72 | 265.65 | 137.05 | 189.40 | 170.20 |
| March | 62.82 | 34.52 | 35.72 | 265.65 | 137.05 | 193.20 | 165.00 | 57.84 | 34.52 | 35.72 | 265.65 | 137.05 | 197.70 | 177.30 |
| April | 66.14 | 34.52 | 35.72 | 265.65 | 137.05 | 195.50 | 164.60 | 63.89 | 34.52 | 35.72 | 265.65 | 137.05 | 197.70 | 181.10 |
| May | 70.31 | 34.52 | 35.72 | 265.65 | 137.05 | 202.50 | 172.00 | 60.89 | 34.52 | 35.72 | 265.65 | 137.05 | 209.50 | 185.00 |
| June | 67.77 | 34.52 | 35.72 | 265.65 | 137.05 | 208.90 | 179.70 | 54.66 | 34.52 | 35.72 | 265.65 | 137.05 | 209.50 | 183.70 |
| July | 71.16 | 34.52 | 35.72 | 265.65 | 137.05 | 214.80 | 184.70 | 57.28 | 34.52 | 35.72 | 265.65 | 137.05 | 208.00 | 174.20 |
| August | 68.25 | 34.52 | 35.72 | 265.65 | 137.05 | 217.10 | 184.60 | 55.17 | 34.52 | 35.72 | 265.65 | 137.05 | 215.10 | 177.20 |
| September | 70.15 | 34.52 | 35.72 | 265.65 | 137.05 | 215.90 | 185.00 | 57.03 | 34.52 | 35.72 | 265.65 | 137.05 | 204.50 | 172.80 |
| October | 71.44 | 34.52 | 35.72 | 265.65 | 137.05 | 216.40 | 190.10 | 53.77 | 34.52 | 35.72 | 265.65 | 137.05 | 205.10 | 178.40 |
| November | 57.91 | 34.52 | 35.72 | 265.65 | 137.05 | 214.60 | 194.20 | | | | | | | |
| December | 49.09 | 34.52 | 35.72 | 265.65 | 137.05 | 199.40 | 181.00 | | | | | | | |
| Yearly Average | 65.08 | 34.52 | 35.72 | 265.65 | 137.05 | 204.95 | 177.59 | 56.56 | 34.52 | 35.72 | 265.65 | 137.05 | 202.50 | 176.50 |

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

⁵ Gasoline and diesel prices in Afl. cents per liter

Change in prices of Food & catering services in October 2019

The “Food & catering services” index showed a decrease of 0.3% in October 2019, after a decrease of 0.2% in September 2019. The index for “Food at home” showed a decrease of 0.4% in October, as four (4) of the eleven (11) “Food at home” indices decreased in October 2019. The “Vegetables” index registered the largest decrease (-3.4%) in October 2019. Furthermore, decreases were posted in the indices for “Fruit” (-1.1%), “Oils and fats” (-0.8) and “Meat” (-0.2%).

The “Potatoes and other tubers” (1.7%) and “Fish and other seafood” (1.7%) indices registered the largest increases in October 2019. Other increases were registered for the indices of “Sugar, jam, honey and other confectionery” (0.8%), “Non-alcoholic beverages” (0.7%) and “Food products n.e.c.” (0.5%).

Over the last twelve (12) months, the “Food & catering services” has increased by 11.6%. The “Food at home” index showed an increase of 14.6%. The “Fruit” index increased by 42.6%, the largest increase among the “Food at home” food groups.

The index for “Food away from home” registered an increase of 0.3% in October 2019 and has increased by 2.6% over the last twelve (12) months.

In October 2019, “Food at home” and “Food away from home” as a group showed a decrease in price of 0.3% compared to September 2019, 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 0.7%, causing an effect of 0.55 ppts on the CPI.

Table 8 Effect on the CPI of October 2019 of Food at home and Food away from home

| Category | Weight | Monthly change | Effect |
|------------------------------|----------|----------------|--------|
| Food at home | 1,087.7 | -0.4 | -0.08 |
| Food away from home | 429.8 | 0.3 | 0.01 |
| Total group | 1,517.5 | -0.3 | -0.06 |
| Remaining goods and services | 8,482.5 | 0.7 | 0.55 |
| CPI | 10,000.0 | 0.5 | 0.49 |

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

| | Indices | Percentage changes | | | Effect | | | | | |
|---|---------|--------------------|---------------|---------------|---------------|-----------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | | Weight coefficient | Oct-18 | Sep-19 | Oct-19 | Monthly Aug-Sep | Monthly Sep-Oct | End of period Oct 18-Oct 19 | Monthly Sep-Oct | End of period Oct 18-Oct 19 |
| Food & catering services | | 1,517.5 | 132.42 | 148.25 | 147.83 | -0.2 | -0.3 | 11.6 | -0.063 | 2.445 |
| Food at home | | 1,087.7 | 139.16 | 160.16 | 159.45 | -0.3 | -0.4 | 14.6 | -0.078 | 2.307 |
| Bread and cereals | | 178.1 | 115.24 | 121.09 | 121.41 | 1.9 | 0.3 | 5.4 | 0.006 | 0.115 |
| Meat | | 242.5 | 121.09 | 126.21 | 125.99 | -0.1 | -0.2 | 4.1 | -0.005 | 0.124 |
| Fish and other seafood | | 49.0 | 104.85 | 111.90 | 113.81 | -0.7 | 1.7 | 8.5 | 0.009 | 0.046 |
| Milk, cheese and eggs | | 135.3 | 120.49 | 127.06 | 127.17 | 0.7 | 0.1 | 5.5 | 0.001 | 0.094 |
| Oils and fats | | 32.2 | 137.83 | 152.65 | 151.49 | 1.0 | -0.8 | 9.9 | -0.004 | 0.046 |
| Fruit | | 97.6 | 328.34 | 473.51 | 468.10 | -0.8 | -1.1 | 42.6 | -0.053 | 1.426 |
| Potatoes and other tubers | | 18.2 | 128.93 | 140.37 | 142.79 | -2.1 | 1.7 | 10.7 | 0.004 | 0.026 |
| Vegetables | | 89.1 | 158.99 | 186.18 | 179.79 | -4.0 | -3.4 | 13.1 | -0.057 | 0.194 |
| Sugar, jam, honey and other confectionery | | 42.0 | 94.59 | 99.53 | 100.37 | 0.3 | 0.8 | 6.1 | 0.004 | 0.025 |
| Food products n.e.c. | | 80.1 | 107.28 | 116.12 | 116.74 | -0.2 | 0.5 | 8.8 | 0.005 | 0.079 |
| Non-alcoholic beverages | | 123.6 | 117.08 | 126.31 | 127.25 | 0.9 | 0.7 | 8.7 | 0.012 | 0.012 |
| Food away from home | | 429.8 | 115.37 | 118.09 | 118.43 | 0.0 | 0.3 | 2.6 | 0.014 | 0.137 |
| Other goods and services | | 8,482.5 | 89.09 | 91.37 | 92.01 | 0.3 | 0.7 | 3.3 | 0.550 | 2.595 |
| Other goods | | 4,735.8 | 88.50 | 90.17 | 90.38 | 0.2 | 0.2 | 2.1 | 0.102 | 0.929 |
| Other services | | 3,746.7 | 89.83 | 92.88 | 94.08 | 0.4 | 1.3 | 4.7 | 0.449 | 1.666 |
| CPI | | 10,000.0 | 95.66 | 100.00 | 100.49 | 0.2 | 0.5 | 5.0 | 0.487 | 5.040 |

Source: Central Bureau of Statistics Aruba

APPENDIX 1

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

| DESCRIPTION | WEIGHT coefficient | 2018 Oct | 2018 Dec | 2019 Sep | 2019 Oct | Monthly Sep - Oct | Ytd Dec - Oct | End of period Oct 18 - Oct 19 |
|---|-----------------------|---------------|---------------|---------------|---------------|----------------------|------------------|----------------------------------|
| Food and non-alcoholic beverages | 1,087.7 | 139.16 | 143.00 | 160.16 | 159.45 | -0.4 | 11.5 | 14.6 |
| Food | 964.1 | 141.99 | 146.27 | 164.50 | 163.58 | -0.6 | 11.8 | 15.2 |
| Non-alcoholic beverages | 123.6 | 117.08 | 117.49 | 126.31 | 127.25 | 0.7 | 8.3 | 8.7 |
| Alcoholic beverages and tobacco | 78.2 | 115.92 | 115.87 | 133.01 | 132.90 | -0.1 | 14.7 | 14.6 |
| Alcoholic beverages for consumption at home | 62.2 | 96.52 | 96.42 | 114.98 | 114.71 | -0.2 | 19.0 | 18.8 |
| Tobacco | 16.0 | 191.32 | 191.41 | 203.07 | 203.61 | 0.3 | 6.4 | 6.4 |
| Clothing and footwear | 276.8 | 75.95 | 76.46 | 80.84 | 82.11 | 1.6 | 7.4 | 8.1 |
| Clothing | 212.8 | 78.72 | 79.88 | 85.96 | 86.12 | 0.2 | 7.8 | 9.4 |
| Footwear | 64.0 | 66.76 | 65.09 | 63.82 | 68.77 | 7.8 | 5.7 | 3.0 |
| Housing | 2,522.2 | 101.55 | 101.94 | 102.92 | 103.33 | 0.4 | 1.4 | 1.8 |
| Actual rentals for housing | 666.7 | 125.05 | 125.41 | 126.81 | 126.97 | 0.1 | 1.2 | 1.5 |
| Imputed rentals for housing | 34.4 | 104.23 | 104.51 | 105.29 | 105.29 | 0.0 | 0.7 | 1.0 |
| Maintenance and repair of the dwelling | 517.0 | 85.42 | 86.82 | 89.76 | 91.58 | 2.0 | 5.5 | 7.2 |
| Water supply and miscellaneous services relating to the dwelling | 463.6 | 95.30 | 95.30 | 95.30 | 95.30 | 0.0 | 0.0 | 0.0 |
| Electricity, gas and other fuels | 840.4 | 96.16 | 96.16 | 96.16 | 96.16 | 0.0 | 0.0 | 0.0 |
| Household operation | 929.2 | 76.04 | 74.94 | 77.15 | 76.20 | -1.2 | 1.7 | 0.2 |
| Furniture, furnishings, carpets and other floor coverings | 128.8 | 44.67 | 43.47 | 45.78 | 41.56 | -9.2 | -4.4 | -7.0 |
| Household textiles | 58.6 | 63.63 | 65.15 | 60.68 | 59.45 | -2.0 | -8.8 | -6.6 |
| Household appliances | 246.0 | 53.31 | 49.35 | 55.82 | 54.19 | -2.9 | 9.8 | 1.6 |
| Glassware, tableware and household utensils | 17.2 | 62.21 | 59.81 | 65.63 | 65.55 | -0.1 | 9.6 | 5.4 |
| Tools and equipment for house and garden | 58.2 | 50.27 | 51.02 | 46.65 | 48.12 | 3.2 | -5.7 | -4.3 |
| Goods and services for routine household maintenance and cleaning | 420.5 | 104.80 | 104.84 | 106.23 | 106.35 | 0.1 | 1.4 | 1.5 |
| Health | 223.1 | 86.39 | 85.40 | 84.96 | 84.33 | -0.7 | -1.3 | -2.4 |
| Medical products, appliances and equipment | 152.3 | 90.65 | 89.37 | 89.57 | 88.01 | -1.7 | -1.5 | -2.9 |
| Out-patient services | 52.4 | 77.72 | 77.72 | 77.72 | 77.72 | 0.0 | 0.0 | 0.0 |
| Other treatments | 7.8 | 75.86 | 74.38 | 76.07 | 76.07 | 0.0 | 2.3 | 0.3 |
| Health products and services n.e.c. | 10.5 | 75.86 | 74.38 | 61.02 | 70.07 | 14.8 | -5.8 | -7.6 |
| Transport | 1,257.4 | 100.07 | 97.47 | 98.78 | 99.64 | 0.9 | 2.2 | -0.4 |
| Purchase of vehicles | 442.6 | 90.22 | 90.24 | 90.24 | 90.24 | 0.0 | 0.0 | 0.0 |
| Operation of personal transport equipment | 763.3 | 107.84 | 103.17 | 104.54 | 104.83 | 0.3 | 1.6 | -2.8 |
| Transport services | 51.5 | 69.39 | 75.09 | 86.77 | 103.43 | 19.2 | 37.7 | 49.1 |
| Communications | 849.6 | 72.15 | 77.94 | 77.93 | 77.84 | -0.1 | -0.1 | 7.9 |
| Telephone and telefax equipment | 43.8 | 20.73 | 17.07 | 16.87 | 15.10 | -10.5 | -11.6 | -27.2 |
| Telephone and telefax services | 805.8 | 74.95 | 81.25 | 81.25 | 81.25 | 0.0 | 0.0 | 8.4 |
| Recreation and culture | 1,013.3 | 76.91 | 81.77 | 83.05 | 86.67 | 4.4 | 6.0 | 12.7 |
| Audio-visual, photographic and information processing equipment | 58.5 | 63.19 | 58.47 | 51.94 | 50.52 | -2.7 | -13.6 | -20.1 |
| Other major durables for recreation and culture | 20.0 | 39.87 | 33.19 | 33.65 | 42.48 | 26.2 | 28.0 | 6.5 |
| Other recreational items and equipment; gardens and pets | 266.6 | 113.86 | 114.53 | 120.58 | 121.47 | 0.7 | 6.1 | 6.7 |
| Recreational and cultural services | 309.1 | 89.04 | 89.04 | 89.04 | 87.97 | -1.2 | -1.2 | -1.2 |
| Newspapers, books and stationery | 43.7 | 74.32 | 75.38 | 76.39 | 76.23 | -0.2 | 1.1 | 2.6 |
| Holidays | 315.4 | 39.05 | 55.25 | 55.31 | 66.95 | 21.0 | 21.2 | 71.4 |
| Education | 98.0 | 109.30 | 109.30 | 109.30 | 109.30 | 0.0 | 0.0 | 0.0 |
| Pre primary and primary education | 24.0 | 86.66 | 86.66 | 86.66 | 86.66 | 0.0 | 0.0 | 0.0 |
| Secondary education | 43.4 | 94.62 | 94.62 | 94.62 | 94.62 | 0.0 | 0.0 | 0.0 |
| Post-secondary non-tertiary education | 4.6 | 102.85 | 102.85 | 102.85 | 102.85 | 0.0 | 0.0 | 0.0 |
| Tertiary education | 23.6 | 160.49 | 160.49 | 160.49 | 160.49 | 0.0 | 0.0 | 0.0 |
| Education not definable by level | 2.5 | 109.74 | 109.74 | 109.74 | 109.74 | 0.0 | 0.0 | 0.0 |
| Restaurants and hotels | 442.0 | 114.38 | 114.15 | 117.20 | 116.97 | -0.2 | 2.5 | 2.3 |
| Catering services | 429.8 | 115.37 | 115.14 | 118.09 | 118.43 | 0.3 | 2.9 | 2.6 |
| Accommodation services | 12.2 | 79.30 | 79.27 | 85.71 | 65.35 | -23.8 | -17.6 | -17.6 |
| Miscellaneous goods and services | 1,222.6 | 84.10 | 83.74 | 86.45 | 87.03 | 0.7 | 3.9 | 3.5 |
| Personal care | 427.1 | 98.41 | 98.30 | 101.49 | 101.47 | 0.0 | 3.2 | 3.1 |
| Personal effects n.e.c. | 106.6 | 90.52 | 86.74 | 105.10 | 111.84 | 6.4 | 28.9 | 23.6 |
| Social protection | 78.2 | 115.39 | 115.39 | 115.39 | 115.39 | 0.0 | 0.0 | 0.0 |
| Insurance | 610.7 | 68.97 | 68.97 | 68.97 | 68.97 | 0.0 | 0.0 | 0.0 |
| CPI | 10,000.0 | 95.66 | 96.67 | 100.00 | 100.49 | 0.5 | 3.9 | 5.0 |

Source: Central Bureau of Statistics Aruba

APPENDIX 2

Effect on the Consumer Price Index per sector and category for October 2019 (Jun 2019 = 100)

| DESCRIPTION | WEIGHT coefficient | Monthly Sep - Oct | Ytd Dec - Oct | End of period Oct 18 - Oct 19 | Period average Oct 18 - Oct 19 |
|---|-----------------------|----------------------|------------------|----------------------------------|-----------------------------------|
| Food and non-alcoholic beverages | 1,087.7 | -0.08 | 1.85 | 2.31 | 2.05 |
| Food | 964.1 | -0.09 | 1.73 | 2.18 | 1.92 |
| Non-alcoholic beverages | 123.6 | 0.01 | 0.12 | 0.13 | 0.13 |
| Alcoholic beverages and tobacco | 78.2 | 0.00 | 0.14 | 0.14 | 0.12 |
| Alcoholic beverages for consumption at home | 62.2 | -0.002 | 0.12 | 0.12 | 0.10 |
| Tobacco | 16.0 | 0.001 | 0.02 | 0.02 | 0.02 |
| Clothing and footwear | 276.8 | 0.04 | 0.16 | 0.18 | 0.11 |
| Clothing | 212.8 | 0.00 | 0.14 | 0.16 | 0.11 |
| Footwear | 64.0 | 0.03 | 0.02 | 0.01 | 0.00 |
| Housing | 2,522.2 | 0.10 | 0.36 | 0.47 | 0.31 |
| Actual rentals for housing | 666.7 | 0.01 | 0.11 | 0.13 | 0.15 |
| Imputed rentals for housing | 34.4 | 0.00 | 0.00 | 0.00 | 0.00 |
| Maintenance and repair of the dwelling | 517.0 | 0.09 | 0.25 | 0.33 | 0.15 |
| Water supply and miscellaneous services relating to the dwelling | 463.6 | 0.00 | 0.00 | 0.00 | 0.00 |
| Electricity, gas and other fuels | 840.4 | 0.00 | 0.00 | 0.00 | 0.01 |
| Household operation | 929.2 | -0.09 | 0.12 | 0.02 | 0.00 |
| Furniture, furnishings, carpets and other floor coverings | 128.8 | -0.05 | -0.03 | -0.04 | -0.02 |
| Household textiles | 58.6 | -0.01 | -0.03 | -0.03 | 0.00 |
| Household appliances | 246.0 | -0.04 | 0.12 | 0.02 | -0.08 |
| Glassware, tableware and household utensils | 17.2 | 0.00 | 0.01 | 0.01 | 0.01 |
| Tools and equipment for house and garden | 58.2 | 0.01 | -0.02 | -0.01 | 0.00 |
| Goods and services for routine household maintenance and cleaning | 420.5 | 0.01 | 0.07 | 0.07 | 0.09 |
| Health | 223.1 | -0.01 | -0.02 | -0.05 | 0.09 |
| Medical products, appliances and equipment | 152.3 | -0.02 | -0.02 | -0.04 | 0.05 |
| Out-patient services | 52.4 | 0.00 | 0.00 | 0.00 | 0.04 |
| Other treatments | 7.8 | 0.00 | 0.00 | 0.00 | 0.00 |
| Health products and services n.e.c. | 10.5 | 0.01 | 0.00 | -0.01 | 0.00 |
| Transport | 1,257.4 | 0.11 | 0.28 | -0.06 | 0.24 |
| Purchase of vehicles | 442.6 | 0.00 | 0.00 | 0.00 | 0.05 |
| Operation of personal transport equipment | 763.3 | 0.02 | 0.13 | -0.24 | 0.16 |
| Transport services | 51.5 | 0.09 | 0.15 | 0.18 | 0.03 |
| Communications | 849.6 | -0.01 | -0.01 | 0.50 | 0.60 |
| Telephone and telefax equipment | 43.8 | -0.01 | -0.01 | -0.03 | -0.02 |
| Telephone and telefax services | 805.8 | 0.00 | 0.00 | 0.53 | 0.62 |
| Recreation and culture | 1,013.3 | 0.37 | 0.51 | 1.03 | 0.14 |
| Audio-visual, photographic and information processing equipment | 58.5 | -0.01 | -0.05 | -0.08 | -0.05 |
| Other major durables for recreation and culture | 20.0 | 0.02 | 0.02 | 0.01 | -0.01 |
| Other recreational items and equipment; gardens and pets | 266.6 | 0.02 | 0.19 | 0.21 | 0.10 |
| Recreational and cultural services | 309.1 | -0.03 | -0.03 | -0.03 | 0.08 |
| Newspapers, books and stationery | 43.7 | 0.00 | 0.00 | 0.01 | 0.04 |
| Holidays | 315.4 | 0.37 | 0.38 | 0.92 | -0.02 |
| Education | 98.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | -0.01 | 0.13 | 0.12 | 0.20 |
| Catering services | 429.8 | 0.01 | 0.15 | 0.14 | 0.20 |
| Accommodation services | 12.2 | -0.02 | -0.02 | -0.02 | 0.00 |
| Miscellaneous goods and services | 1,222.6 | 0.07 | 0.42 | 0.37 | 0.29 |
| Personal care | 427.1 | 0.00 | 0.14 | 0.14 | 0.14 |
| Personal effects n.e.c. | 106.6 | 0.07 | 0.28 | 0.24 | 0.16 |
| Social protection | 78.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Insurance | 610.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| CPI | 10,000.0 | 0.49 | 3.94 | 5.04 | 4.17 |

Source: Central Bureau of Statistics Aruba

APPENDIX 3

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

| DESCRIPTION | WEIGHT coefficient | % Change | | Effect | |
|--|-----------------------|----------------------|----------------------------------|----------------------|----------------------------------|
| | | Monthly Sep - Oct | End of period Oct 18 - Oct 19 | Monthly Sep - Oct | End of period Oct 18 - Oct 19 |
| Food & catering services | 1,517.5 | -0.3 | 11.6 | -0.063 | 2.445 |
| Food at home | 1,087.7 | -0.4 | 14.6 | -0.078 | 2.307 |
| Bread and cereals | 178.1 | 0.3 | 5.4 | 0.006 | 0.115 |
| Rice | 23.5 | 1.7 | 2.5 | 0.005 | 0.008 |
| Bread | 72.1 | 0.0 | 5.7 | 0.000 | 0.055 |
| Pasta products | 9.2 | -0.2 | 7.9 | 0.000 | 0.008 |
| Other cereals and cereal products | 73.3 | 0.0 | 5.8 | 0.000 | 0.045 |
| Meat | 242.5 | -0.2 | 4.1 | -0.005 | 0.124 |
| Bovine | 67.3 | -0.9 | 1.3 | -0.007 | 0.011 |
| Swine | 25.5 | 1.4 | 4.5 | 0.004 | 0.014 |
| Poultry | 75.7 | 0.2 | 0.7 | 0.002 | 0.007 |
| Other meat and meat preparations | 74.0 | -0.5 | 10.4 | -0.005 | 0.092 |
| Fish and other seafood | 49.0 | 1.7 | 8.5 | 0.009 | 0.046 |
| Fish and seafood preparations | 49.0 | 1.7 | 8.5 | 0.009 | 0.046 |
| Milk, cheese and eggs | 135.3 | 0.1 | 5.5 | 0.001 | 0.094 |
| Cheese | 55.4 | -0.4 | 4.6 | -0.003 | 0.036 |
| Eggs | 16.6 | 1.2 | 16.7 | 0.002 | 0.024 |
| Milk | 40.0 | 0.5 | 3.9 | 0.003 | 0.022 |
| Other milk products | 23.3 | 0.1 | 6.2 | 0.000 | 0.012 |
| Oils and fats | 32.2 | -0.8 | 9.9 | -0.004 | 0.046 |
| Corn oil | 2.8 | 2.4 | 6.8 | 0.001 | 0.003 |
| Butter and margarine | 9.2 | -0.4 | 10.4 | -0.001 | 0.015 |
| Other oils and fats | 20.1 | -1.4 | 10.2 | -0.004 | 0.028 |
| Fruit | 97.6 | -1.1 | 42.6 | -0.053 | 1.426 |
| Oranges | 9.4 | -1.9 | -9.3 | -0.002 | -0.013 |
| Bananas and plantains | 19.9 | -11.1 | 2.3 | -0.052 | 0.010 |
| Apples | 9.3 | -0.7 | 2.2 | -0.001 | 0.004 |
| Avocado | 5.0 | -2.5 | 47.3 | -0.021 | 0.277 |
| Grapes | 9.2 | 3.5 | 8.8 | 0.006 | 0.015 |
| Nuts | 11.9 | 0.3 | 5.8 | 0.000 | 0.006 |
| Lemons and mandarins | 6.0 | -5.7 | -10.4 | -0.004 | -0.008 |
| Cherries and strawberries | 8.8 | 8.6 | 73.2 | 0.088 | 0.490 |
| Melons and watermelons | 7.7 | -2.9 | 75.7 | -0.024 | 0.354 |
| Papayas and pineapples | 6.9 | -6.0 | 48.1 | -0.039 | 0.205 |
| Other fruits and fruit products | 3.5 | -2.0 | 77.4 | -0.004 | 0.085 |
| Potatoes and other tubers | 18.2 | 1.7 | 10.7 | 0.004 | 0.026 |
| Potatoes | 12.2 | 2.8 | 8.1 | 0.006 | 0.016 |
| Other tubers | 2.0 | -5.6 | 17.1 | -0.001 | 0.003 |
| Sweet potatoes and yucca | 4.0 | -0.1 | 25.5 | 0.000 | 0.007 |
| Vegetables | 89.1 | -3.4 | 13.1 | -0.057 | 0.194 |
| Lettuce | 6.8 | -1.8 | 30.8 | -0.001 | 0.015 |
| Tomatoes | 9.7 | -1.0 | 4.3 | -0.001 | 0.005 |
| Onions and garlic | 18.7 | -5.8 | 15.9 | -0.036 | 0.085 |
| Celery and broccoli | 15.3 | -2.2 | 5.4 | -0.007 | 0.017 |
| Other vegetables | 15.3 | -5.0 | 30.7 | -0.011 | 0.050 |
| Other preserved or processed vegetables | 8.4 | | 4.1 | -0.001 | 0.006 |
| Frozen vegetable mixtures | 14.8 | 0.6 | 8.1 | 0.001 | 0.015 |
| Sugar, jam, honey and other confectionery | 42.0 | 0.8 | 6.1 | 0.004 | 0.025 |
| Sugar | 12.1 | 1.8 | 10.2 | 0.002 | 0.011 |
| Jams and jellies | 2.5 | 1.0 | 9.1 | 0.000 | 0.003 |
| Other confectionery products | 27.5 | 0.4 | 4.2 | 0.001 | 0.012 |
| Food products n.e.c. | 80.1 | 0.5 | 8.8 | 0.005 | 0.079 |
| Other food products | 80.1 | 0.5 | 8.8 | 0.005 | 0.079 |
| Non-alcoholic beverages | 123.6 | 0.7 | 8.7 | 0.012 | 0.131 |
| Coffee and tea | 20.9 | -0.2 | 4.8 | 0.000 | 0.009 |
| Other non-alcoholic beverages | 14.6 | 0.7 | 6.8 | 0.001 | 0.013 |
| Soft and sports drinks | 31.0 | 2.1 | 8.0 | 0.008 | 0.031 |
| Fruit juices | 57.1 | 0.3 | 10.6 | 0.003 | 0.079 |
| Food away from home | 429.8 | 0.3 | 2.6 | 0.014 | 0.137 |
| Food and beverage consumption away from home | 429.8 | 0.3 | 2.6 | 0.014 | 0.137 |
| Other goods and services | 8,482.5 | 0.7 | 3.3 | 0.550 | 2.595 |
| Other goods | 4,735.8 | 0.2 | 2.1 | 0.102 | 0.929 |
| Other services | 3,746.7 | 1.3 | 4.7 | 0.449 | 1.666 |
| CPI | 10,000 | 0.5 | 5.0 | 0.487 | 5.040 |

Source: Central Bureau of Statistics Aruba

APPENDIX 4

CONSUMER PRICE INDEX

| | | | | | <u>YEAR: 2019</u> | | | | <u>YEAR: 2018</u> | | | |
|-------------------------|---------------|---------------|---------------|---------------|-------------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|
| | <u>Base</u> | <u>Base</u> | <u>Base</u> | <u>Base</u> | <u>CHANGE</u> | | | | <u>CHANGE</u> | | | |
| | <u>Jun-19</u> | <u>Jun-19</u> | <u>Jun-19</u> | <u>Jun-19</u> | <u>Monthly</u> | <u>Year-to</u> | <u>Yearly</u> | <u>Period</u> | <u>Monthly</u> | <u>Year-to</u> | <u>Yearly</u> | <u>Period</u> |
| | <u>=100.0</u> | <u>=100.0</u> | <u>=100.0</u> | <u>=100.0</u> | <u>date</u> | <u>date</u> | <u>average</u> | <u>average</u> | <u>date</u> | <u>date</u> | <u>average</u> | <u>average</u> |
| | <u>Jan'18</u> | <u>Dec'17</u> | <u>Jan'19</u> | <u>Dec'18</u> | | | | | | | | |
| <u>Total Population</u> | 92.88 | 92.55 | 96.25 | 96.67 | -0.4 | -0.4 | 3.6 | 3.8 | 0.4 | 0.4 | 1.1 | -0.9 |
| Low Income | 92.15 | 91.72 | 96.24 | 96.29 | -0.1 | -0.1 | 4.4 | | 0.5 | 0.5 | 1.3 | |
| High Income | 93.24 | 92.95 | 96.29 | 96.86 | -0.6 | -0.6 | 3.3 | | 0.3 | 0.3 | 1.0 | |
| | <u>Feb'18</u> | <u>Jan'18</u> | <u>Feb'19</u> | <u>Jan'19</u> | | | | | | | | |
| <u>Total Population</u> | 93.88 | 92.88 | 96.66 | 96.25 | 0.4 | 0.0 | 3.0 | 3.9 | 1.1 | 1.4 | 2.1 | -0.6 |
| Low Income | 93.43 | 92.15 | 96.66 | 96.24 | 0.4 | 0.4 | 3.5 | | 1.4 | 1.9 | 2.7 | |
| High Income | 94.12 | 93.24 | 96.68 | 96.29 | 0.4 | -0.2 | 2.7 | | 0.9 | 1.3 | 1.9 | |
| | <u>Mar'18</u> | <u>Feb'18</u> | <u>Mar'19</u> | <u>Feb'19</u> | | | | | | | | |
| <u>Total Population</u> | 94.71 | 93.88 | 98.00 | 96.66 | 1.4 | 1.4 | 3.5 | 3.9 | 0.9 | 2.3 | 3.2 | -0.3 |
| Low Income | 94.08 | 93.43 | 98.07 | 96.66 | 1.5 | 1.8 | 4.2 | | 0.7 | 2.6 | 3.5 | |
| High Income | 95.00 | 94.12 | 97.99 | 96.68 | 1.3 | 1.2 | 3.1 | | 0.9 | 2.2 | 3.0 | |
| | <u>Apr'18</u> | <u>Mar'18</u> | <u>Apr'19</u> | <u>Mar'19</u> | | | | | | | | |
| <u>Total Population</u> | 94.54 | 94.71 | 98.83 | 98.00 | 0.8 | 2.2 | 4.5 | 4.1 | -0.2 | 2.1 | 2.8 | 0.0 |
| Low Income | 94.15 | 94.08 | 98.74 | 98.07 | 0.7 | 2.5 | 4.9 | | 0.1 | 2.7 | 3.5 | |
| High Income | 94.73 | 95.00 | 98.86 | 97.99 | 0.9 | 2.1 | 4.4 | | -0.3 | 1.9 | 2.5 | |
| | <u>May'18</u> | <u>Apr'18</u> | <u>May'19</u> | <u>Apr'19</u> | | | | | | | | |
| <u>Total Population</u> | 94.90 | 94.54 | 99.19 | 98.83 | 0.4 | 2.6 | 4.5 | 4.2 | 0.4 | 2.5 | 3.0 | 0.3 |
| Low Income | 94.56 | 94.15 | 99.37 | 98.74 | 0.6 | 3.2 | 5.1 | | 0.4 | 3.1 | 3.8 | |
| High Income | 95.07 | 94.73 | 99.12 | 98.86 | 0.3 | 2.3 | 4.3 | | 0.4 | 2.3 | 2.7 | |
| | <u>Jun'18</u> | <u>May'18</u> | <u>Jun'19</u> | <u>May'19</u> | | | | | | | | |
| <u>Total Population</u> | 95.39 | 94.90 | 100.00 | 99.19 | 0.8 | 3.4 | 4.8 | 4.3 | 0.5 | 3.1 | 3.8 | 0.7 |
| Low Income | 94.82 | 94.56 | 100.00 | 99.37 | 0.6 | 3.9 | 5.5 | | 0.3 | 3.4 | 4.2 | |
| High Income | 95.65 | 95.07 | 100.00 | 99.12 | 0.9 | 3.2 | 4.5 | | 0.6 | 2.9 | 3.5 | |
| | <u>Jul'18</u> | <u>Jun'18</u> | <u>Jul'19</u> | <u>Jun'19</u> | | | | | | | | |
| <u>Total Population</u> | 96.49 | 95.39 | 100.06 | 100.00 | 0.1 | 3.5 | 3.7 | 4.2 | 1.2 | 4.3 | 5.3 | 1.3 |
| Low Income | 95.82 | 94.82 | 99.91 | 100.00 | -0.1 | 3.8 | 4.3 | | 1.0 | 4.5 | 5.5 | |
| High Income | 96.80 | 95.65 | 100.13 | 100.00 | 0.1 | 3.4 | 3.4 | | 1.2 | 4.2 | 5.2 | |
| | <u>Aug'18</u> | <u>Jul'18</u> | <u>Aug'19</u> | <u>Jul'19</u> | | | | | | | | |
| <u>Total Population</u> | 95.96 | 96.49 | 99.80 | 100.06 | -0.3 | 3.2 | 4.0 | 4.1 | -0.6 | 3.7 | 4.7 | 1.8 |
| Low Income | 95.45 | 95.82 | 99.75 | 99.91 | -0.2 | 3.6 | 4.5 | | -0.4 | 4.1 | 5.0 | |
| High Income | 96.22 | 96.80 | 99.84 | 100.13 | -0.3 | 3.1 | 3.8 | | -0.6 | 3.5 | 4.5 | |
| | <u>Sep'18</u> | <u>Aug'18</u> | <u>Sep'19</u> | <u>Aug'19</u> | | | | | | | | |
| <u>Total Population</u> | 95.77 | 95.96 | 100.00 | 99.80 | 0.2 | 3.4 | 4.4 | 4.1 | -0.2 | 3.5 | 4.7 | 2.3 |
| Low Income | 95.34 | 95.45 | 99.84 | 99.75 | 0.1 | 3.7 | 4.7 | | -0.1 | 3.9 | 4.9 | |
| High Income | 96.02 | 96.22 | 100.08 | 99.83 | 0.3 | 3.3 | 4.2 | | -0.2 | 3.3 | 4.6 | |
| | <u>Oct'18</u> | <u>Sep'18</u> | <u>Oct'19</u> | <u>Sep'19</u> | | | | | | | | |
| <u>Total Population</u> | 95.66 | 95.77 | 100.49 | 100.00 | 0.5 | 3.9 | 5.0 | 4.2 | -0.1 | 3.4 | 3.9 | 2.7 |
| Low Income | 95.32 | 95.34 | 100.54 | 99.84 | 0.7 | 4.4 | 5.5 | | 0.0 | 3.9 | 4.3 | |
| High Income | 95.87 | 96.02 | 100.65 | 100.08 | 0.6 | 3.9 | 5.0 | | -0.2 | 3.1 | 3.8 | |
| | <u>Nov'18</u> | <u>Oct'18</u> | <u>Nov'19</u> | <u>Oct'19</u> | | | | | | | | |
| <u>Total Population</u> | 95.97 | 95.66 | | | | | | | 0.3 | 3.7 | 4.4 | 3.2 |
| Low Income | 95.62 | 95.32 | | | | | | | 0.3 | 4.2 | 4.7 | |
| High Income | 96.17 | 95.87 | | | | | | | 0.3 | 3.5 | 4.3 | |
| | <u>Dec'18</u> | <u>Nov'18</u> | <u>Dec'19</u> | <u>Nov'19</u> | | | | | | | | |
| <u>Total Population</u> | 96.67 | 95.97 | | | | | | | 0.7 | 4.5 | 4.5 | 3.6 |
| Low Income | 96.29 | 95.62 | | | | | | | 0.7 | 5.0 | 5.0 | |
| High Income | 96.86 | 96.17 | | | | | | | 0.7 | 4.2 | 4.2 | |

APPENDIX 5

Prices of crude oil, utilities and gasoline, 2001 - 2019

| 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 |
| January-19 | 50.65 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 188.50 | 165.10 |
| February-19 | 54.45 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 189.40 | 170.20 |
| March-19 | 57.84 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 197.70 | 177.30 |
| April-19 | 63.89 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 197.70 | 181.10 |
| May-19 | 60.89 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 209.50 | 185.00 |
| June-19 | 54.66 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 209.50 | 183.70 |
| July-19 | 57.28 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 208.00 | 174.20 |
| August-19 | 55.17 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 215.10 | 177.20 |
| September-19 | 57.03 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 204.50 | 172.80 |
| October-19 | 53.77 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 205.10 | 178.40 |
| November-19 | | | | | | | | | |
| December-19 | | | | | | | | | |
| Average 2019 | 56.56 | 34.52 | 35.72 | 45.93 | 12.50 | 265.65 | 137.05 | 202.50 | 176.50 |

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