

## Consumer Price Index, base period June 2019

### July 2020

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

#### Consumer Price Index for the month of July 2020

The CPI for July 2020 is 100.10, an increase of 0.4% compared to the index of June 2020 (99.75) and accumulating a decrease of 1.5% up to and including July of this year.

The percentage change of the CPI over the last twelve (12) months (July 2019 to July 2020) is 0.04, a decrease of 3.7 ppts compared to the percentage change for the same period of last year (3.7%).

The period average percentage change of the CPI for the period July 2019 - July 2020 is 3.3%, a decrease of 0.9 ppts compared to the period average percentage change over the period July 2018 - July 2019 (4.2%).

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 "Transport" (3.0%) and "Household operation" (3.2%) sectors, which contributed with an effect of 0.35 and 0.21 ppts, respectively. The increases in the remaining sectors had an effect of 0.18 ppts on the CPI of July 2020.

Aforementioned increases were partially offset mainly by decreases in the indices for the "Clothing and footwear" (-12.0%), "Miscellaneous goods and services" (-0.4%) and "Recreation and culture" (-0.4%) sectors, causing an effect of -0.26, -0.04 and -0.04 ppts, respectively. The decreases in the remaining sectors had an effect of -0.03 ppts on the CPI of July 2020.

The increase in the "Transport" sector was mainly due to an increase in the category "Operation of personal transport equipment" (5.3%), which contributed to an effect of 0.37 ppts. The increase in the "Household operation" sector was mainly caused by an increase in the category "Household appliances" (14.9%), which contributed to an effect of 0.14 ppts.

The decrease in the "Clothing and footwear" sector was mainly due to a decrease in the category "Clothing" (-11.0%), which contributed to an effect of -0.20 ppts. The decrease in the "Miscellaneous goods and services" sector was due caused by a decrease in the category "Personal care" (-1.1%), which contributed to an effect of -0.05 ppts. The decrease in the "Recreation and culture" sector was mainly due to a decrease in the category "Holidays" (-4.0%), which contributed to an effect of -0.13 ppts.

#### Consumption basket

The consumption basket of the CPI consists of 408 goods and services. Compared to June 2020, 33.0% of these products had an increase in price, causing an effect of 1.44 ppts, while 28.0% showed a decrease, contributing to an effect of -1.08 ppts and the remaining 39.0% had no change in price. The prices of goods increased by 0.8% and caused an influence of 0.46 ppts. The prices of services showed a decrease of 0.2% and had an influence of -0.10 ppts on the CPI of July 2020.

#### Core inflation

The CPIC (core inflation) - CPI excluding the effect of energy and food – was 4.3% in July 2020. The energy index - which consists of the products: electricity, water, gasoline and diesel – was -5.1%. The food index showed an increase of 8.2%.

#### Subsistence level

The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-15 years) in July 2020 is Afl. 4,960, a decrease of Afl. 37 compared to July 2019 (Afl. 4,997). The subsistence level for a single adult household is Afl. 2,362, a decrease of Afl. 17 compared to July 2019 (Afl. 2,379).

August 27, 2020



| CPI (BASE JUN 2019 = 100) |   |        |
|---------------------------|---|--------|
| Index                     | ↑ | 100.10 |
| Monthly                   | ↑ | 0.4    |
| Year-to-date              | ↓ | -1.5   |
| End of period             | ↑ | 0.04   |
| Period average            | ↑ | 3.3    |
| Goods                     | ↑ | 0.8    |
| Services                  | ↓ | -0.2   |

| CPIC   |   |      |
|--------|---|------|
| CPIC   | ↑ | 4.3  |
| Energy | ↓ | -5.1 |
| Food   | ↑ | 8.2  |

| SUBSISTENCE LEVEL <small>in AFL.</small> |   |       |
|--|---|-------|
| 1 adult                                  | ↓ | 2,362 |
| 2 adults + 2 children                    | ↓ | 4,960 |

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

|                              | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | Jan-20 | Feb-20 | Mar-20 | Apr-20 | May-20 | Jun-20 | Jul-20 |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Index</b>                 | 100.06 | 99.80  | 100.00 | 100.49 | 100.53 | 101.66 | 101.56 | 101.73 | 101.43 | 100.69 | 99.96  | 99.75  | 100.10 |
| <i>Monthly</i>               | 0.1    | -0.3   | 0.2    | 0.5    | 0.0    | 1.13   | -0.1   | 0.2    | -0.3   | -0.7   | -0.7   | -0.2   | 0.4    |
| <i>Year-to-date</i>          | 3.5    | 3.2    | 3.4    | 3.9    | 4.0    | 5.2    | -0.1   | 0.1    | -0.2   | -1.0   | -1.7   | -1.9   | -1.5   |
| <i>End of period</i>         | 3.7    | 4.0    | 4.4    | 5.0    | 4.8    | 5.2    | 5.5    | 5.2    | 3.5    | 1.9    | 0.8    | -0.3   | 0.04   |
| <i>Period average</i>        | 4.2    | 4.1    | 4.1    | 4.2    | 4.2    | 4.3    | 4.4    | 4.6    | 4.6    | 4.4    | 4.1    | 3.6    | 3.3    |
| <i>Goods</i>                 | -0.3   | 0.1    | 0.1    | 0.0    | -0.4   | 0.6    | 0.0    | -0.5   | -0.5   | -1.3   | -1.2   | -0.4   | 0.8    |
| <i>Services</i>              | 0.6    | -0.7   | 0.4    | 1.2    | 0.7    | 1.9    | -0.2   | 1.1    | 0.0    | 0.1    | -0.1   | -0.01  | -0.24  |
| <b>CPI</b>                   | 3.0    | 3.0    | 3.0    | 3.2    | 3.4    | 3.5    | 3.8    | 4.1    | 4.3    | 4.3    | 4.4    | 4.3    | 4.3    |
| <i>Energy</i>                | 1.9    | 1.4    | 0.8    | 0.3    | -0.2   | -0.3   | -0.5   | -0.7   | -1.2   | -2.1   | -3.4   | -4.4   | -5.1   |
| <i>Food</i>                  | 12.5   | 12.8   | 13.1   | 13.5   | 13.5   | 13.2   | 13.0   | 13.3   | 12.7   | 12.1   | 10.9   | 9.5    | 8.2    |
| <i>1 adult</i>               | 2,379  | 2,372  | 2,377  | 2,382  | 2,375  | 2,387  | 2,393  | 2,395  | 2,385  | 2,382  | 2,366  | 2,366  | 2,362  |
| <i>2 adults + 2 children</i> | 4,997  | 4,981  | 4,992  | 5,002  | 4,987  | 5,013  | 5,026  | 5,030  | 5,009  | 5,002  | 4,968  | 4,969  | 4,960  |

Source: Central Bureau of Statistics Aruba

Table 2 Percentage change by sector

| Sector                                      | Weight coefficient | Effect Jun - Jul | Percentage changes |                        |                               |                                |
|---|--------------------|------------------|--------------------|------------------------|-------------------------------|--------------------------------|
|   |                    |                  | Monthly Jun - Jul  | Year-to-date Dec - Jul | End of period Jul 19 - Jul 20 | Period average Jul 19 - Jul 20 |
| <b>CPI</b>                                  | <b>10,000.0</b>    | <b>0.36</b>      | <b>0.4</b>         | <b>-1.5</b>            | <b>0.04</b>                   | <b>3.3</b>                     |
| <i>01. Food and non-alcoholic beverages</i> | 1,087.7            | 0.09             | 0.5                | 2.0                    | 0.0                           | 8.0                            |
| <i>02. Alcoholic beverages and tobacco</i>  | 78.2               | 0.00             | -0.01              | 1.1                    | 1.2                           | 9.0                            |
| <i>03. Clothing and footwear</i>            | 276.8              | -0.26            | -12.0              | -16.4                  | -8.8                          | 2.9                            |
| <i>04. Housing</i>                          | 2,522.2            | 0.08             | 0.3                | -2.2                   | -1.9                          | -0.3                           |
| <i>05. Household operation</i>              | 929.2              | 0.21             | 3.2                | -5.8                   | -3.2                          | 0.7                            |
| <i>06. Health</i>                           | 223.1              | -0.03            | -1.7               | 3.6                    | 2.1                           | 0.2                            |
| <i>07. Transport</i>                        | 1,257.4            | 0.35             | 3.0                | -6.0                   | -3.9                          | -0.8                           |
| <i>08. Communications</i>                   | 849.6              | 0.00             | 0.0                | 0.0                    | -0.1                          | 2.4                            |
| <i>09. Recreation and culture</i>           | 1,013.3            | -0.04            | -0.4               | 2.5                    | 15.9                          | 17.6                           |
| <i>10. Education</i>                        | 98.0               | 0.00             | 0.0                | 0.2                    | 0.2                           | 0.1                            |
| <i>11. Restaurants and hotels</i>           | 442.0              | 0.00             | 0.0                | -0.5                   | 1.9                           | 3.2                            |
| <i>12. Miscellaneous goods and services</i> | 1,222.6            | -0.04            | -0.4               | -0.7                   | -0.7                          | 1.7                            |

Source: Central Bureau of Statistics Aruba

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

| Category   | Monthly change | Effect |
|--|----------------|--------|
| <i>Operation of personal transport equipment</i>                 | 5.3            | 0.37   |
| <i>Household appliances</i>                                      | 14.9           | 0.14   |
| <i>Food</i>  | 0.7            | 0.11   |
| <i>Furniture, furnishings, carpets and other floor coverings</i> | 26.4           | 0.10   |

Source: Central Bureau of Statistics Aruba

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

| Category             | Monthly change | Effect |
|----------------------|----------------|--------|
| <i>Clothing</i>      | -11.0          | -0.20  |
| <i>Holidays</i>      | -4.0           | -0.13  |
| <i>Footwear</i>      | -17.2          | -0.06  |
| <i>Personal care</i> | -1.1           | -0.05  |

Source: Central Bureau of Statistics Aruba

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

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In July 2020 the average price per barrel of crude oil (US\$ 40.15) had an increase of US\$ 1.96 (5.1%) compared to June 2020 (US\$ 38.19).

The total energy charge per kWh for the usage of electricity up to 500 kWh did not change in July 2020, it stayed at Afl. 31.09 cents per kWh. The total energy charge per kWh for the usage of electricity between 501 - 1000 kWh did not change in July 2020, it stayed at Afl. 31.99 cents per kWh. Additionally, the total energy charge per kWh for the usage of electricity above 1000 kWh did not change in July 2020, it stayed at Afl. 42.09 cents per kWh. The prices of electricity and water did not change compared to June 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 July 2020 the price of gasoline registered an increase of Afl. 14.40 cents (9.0%) and had an effect of 0.32 ppts on the CPI. The price of diesel registered an increase of Afl. 13.40 cents (11.0%) and had an effect of 0.03 ppts on the CPI of July 2020.

In July 2020, utilities, gasoline and diesel as a group showed an increase in price of 2.4% compared to June 2020, and had an influence of 0.34 ppts on the CPI, while the remaining 404 goods and services, as a group, experienced a slight increase of 0.01% in price, causing an effect of 0.01 ppt on the CPI.

Table 6 Effect on the CPI of July 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           | 9.0            | 0.32        |
| Water                        | 367.3           | 0.0            | 0.00        |
| Diesel                       | 30.2            | 11.0           | 0.03        |
| <b>Total group</b>           | <b>1,638.1</b>  | <b>2.4</b>     | <b>0.34</b> |
| Remaining goods and services | 8,361.9         | 0.01           | 0.01        |
| <b>CPI</b>                   | <b>10,000.0</b> | <b>0.4</b>     | <b>0.36</b> |

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        | 40.15        | 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        |              |                              |                                  |               |               |               |               |
| September             | 57.03        | 34.52                        | 35.72                            | 265.65        | 137.05        | 204.50        | 172.80        |              |                              |                                  |               |               |               |               |
| October               | 53.77        | 34.52                        | 35.72                            | 265.65        | 137.05        | 205.10        | 178.40        |              |                              |                                  |               |               |               |               |
| November              | 56.74        | 34.52                        | 35.72                            | 265.65        | 137.05        | 203.30        | 177.70        |              |                              |                                  |               |               |               |               |
| December              | 59.73        | 34.52                        | 35.72                            | 265.65        | 137.05        | 203.70        | 175.60        |              |                              |                                  |               |               |               |               |
| <b>Yearly Average</b> | <b>56.84</b> | <b>34.52</b>                 | <b>35.72</b>                     | <b>265.65</b> | <b>137.05</b> | <b>202.67</b> | <b>176.53</b> | <b>37.33</b> | <b>31.09</b>                 | <b>31.99</b>                     | <b>240.09</b> | <b>137.05</b> | <b>177.77</b> | <b>146.36</b> |

Source: Central Bureau of Statistics Aruba

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

<sup>2</sup> Total energy charge in Afl. cents per kWh

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

<sup>4</sup> Water price in Afl. is based on an average household usage in m<sup>3</sup>

<sup>5</sup> Gasoline and diesel prices in Afl. cents per liter

## Change in prices of Food & catering services in July 2020

The “Food & catering services” index showed an increase of 0.4% in July 2020, after a decrease of 0.5% in June 2020. The index for “Food at home” showed an increase of 0.5% in July, as six (6) of the eleven (11) “Food at home” indices increased in July 2020. The “Vegetables” index registered the largest increase (5.7%) in July 2020. Furthermore, increases were posted in the indices for “Fish and other seafood” (2.0%), “Bread and cereals” (1.3%) and “Sugar, jam, honey and other confectionery” (0.7%).

The “Potatoes and other tubers” index registered the largest decrease (-8.3%) in July 2020.

Over the last twelve (12) months, the “Food & catering services” has increased by 0.5%. The “Food at home” index showed a slight increase of 0.01%. The “Food products n.e.c.” index increased by 5.8%, the largest increase among the “Food at home” food groups, while the “Fruit” index decreased by 5.5%, the largest decrease among the “Food at home” food groups.

The index for “Food away from home” shows a slight decrease of 0.01% in July 2020 and has increased by 2.0% over the last twelve (12) months.

In July 2020, “Food at home” and “Food away from home” as a group showed an increase in price of 0.4% compared to June 2020, and had an influence of 0.09 ppts on the CPI, while the remaining goods and services, as a group, experienced an increase in price of 0.3%, causing an effect of 0.26 ppts on the CPI.

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

| Category                     | Weight   | Monthly change | Effect |
|------------------------------|----------|----------------|--------|
| Food at home                 | 1,087.7  | 0.5            | 0.09   |
| Food away from home          | 429.8    | 0.0            | 0.00   |
| Total group                  | 1,517.5  | 0.4            | 0.09   |
| Remaining goods and services | 8,482.5  | 0.3            | 0.26   |
| CPI                          | 10,000.0 | 0.4            | 0.36   |

Source: Central Bureau of Statistics Aruba

Table 7 Percentage change for Food & catering services

|   | Weight coefficient | Indices       |               |               | Percentage changes |                   |                               | Effect            |                               |
|---|--------------------|---------------|---------------|---------------|--------------------|-------------------|-------------------------------|-------------------|-------------------------------|
|   |                    | Jul-19        | Jun-20        | Jul-20        | Monthly May - Jun  | Monthly Jun - Jul | End of period Jul 19 - Jul 20 | Monthly Jun - Jul | End of period Jul 19 - Jul 20 |
|   |                    |               |               |               |                    |                   |                               |                   |                               |
| <b>Food &amp; catering services</b>       | <b>1,517.5</b>     | <b>149.23</b> | <b>149.31</b> | <b>149.92</b> | <b>-0.5</b>        | <b>0.4</b>        | <b>0.5</b>                    | <b>0.093</b>      | <b>0.461</b>                  |
| <b>Food at home</b>                       | <b>1,087.7</b>     | <b>161.54</b> | <b>160.70</b> | <b>161.56</b> | <b>-0.5</b>        | <b>0.5</b>        | <b>0.01</b>                   | <b>0.094</b>      | <b>0.008</b>                  |
| Bread and cereals                         | 178.1              | 120.33        | 123.86        | 125.46        | 2.3                | 1.3               | 4.3                           | 0.029             | 4.265                         |
| Meat                                      | 242.5              | 126.44        | 128.41        | 128.86        | -0.1               | 0.4               | 1.9                           | 0.011             | 1.918                         |
| Fish and other seafood                    | 49.0               | 110.66        | 113.35        | 115.63        | 0.4                | 2.0               | 4.5                           | 0.011             | 4.485                         |
| Milk, cheese and eggs                     | 135.3              | 126.23        | 129.22        | 128.84        | -0.9               | -0.3              | 2.1                           | -0.005            | 2.064                         |
| Oils and fats                             | 32.2               | 150.27        | 154.28        | 154.09        | -0.5               | -0.1              | 2.5                           | -0.001            | 2.546                         |
| Fruit                                     | 97.6               | 491.98        | 466.00        | 464.78        | -3.6               | -0.3              | -5.5                          | -0.012            | -5.530                        |
| Potatoes and other tubers                 | 18.2               | 133.83        | 146.51        | 134.40        | 9.5                | -8.3              | 0.4                           | -0.022            | 0.426                         |
| Vegetables                                | 89.1               | 190.43        | 177.83        | 188.00        | 0.7                | 5.7               | -1.3                          | 0.091             | -1.275                        |
| Sugar, jam, honey and other confectionery | 42.0               | 99.51         | 99.23         | 99.92         | -0.2               | 0.7               | 0.4                           | 0.003             | 0.415                         |
| Food products n.e.c.                      | 80.1               | 115.34        | 121.69        | 122.02        | 1.2                | 0.3               | 5.8                           | 0.003             | 5.791                         |
| Non-alcoholic beverages                   | 123.6              | 124.93        | 126.86        | 125.76        | 0.0                | -0.9              | 0.7                           | -0.014            | 0.666                         |
| <b>Food away from home</b>                | <b>429.8</b>       | <b>118.09</b> | <b>120.50</b> | <b>120.49</b> | <b>-0.3</b>        | <b>-0.01</b>      | <b>2.0</b>                    | <b>-0.001</b>     | <b>2.028</b>                  |
| <b>Other goods and services</b>           | <b>8,482.5</b>     | <b>91.26</b>  | <b>90.88</b>  | <b>91.19</b>  | <b>-0.1</b>        | <b>0.3</b>        | <b>-0.1</b>                   | <b>0.263</b>      | <b>-0.078</b>                 |
| Other goods                               | 4,735.8            | 89.68         | 85.55         | 86.31         | -0.3               | 0.9               | -3.8                          | 0.362             | -3.753                        |
| Other services                            | 3,746.7            | 93.26         | 97.61         | 97.35         | 0.0                | -0.3              | 4.4                           | -0.098            | 4.389                         |
| <b>CPI</b>                                | <b>10,000.0</b>    | <b>100.06</b> | <b>99.75</b>  | <b>100.10</b> | <b>-0.2</b>        | <b>0.4</b>        | <b>0.04</b>                   | <b>0.356</b>      | <b>0.044</b>                  |

Source: Central Bureau of Statistics Aruba

## APPENDIX 1

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

| DESCRIPTION   | WEIGHT coefficient | 2019 Jul      | 2019 Dec      | 2020 Jun      | 2020 Jul      | Monthly Jun - Jul | Ytd Dec - Jul | End of period Jul 19 - Jul 20 | Period average Jul 19 - Jul 20 |
|---|--------------------|---------------|---------------|---------------|---------------|-------------------|---------------|-------------------------------|--------------------------------|
| <b>Food and non-alcoholic beverages</b>                           | <b>1,087.7</b>     | <b>161.54</b> | <b>158.32</b> | <b>160.70</b> | <b>161.56</b> | <b>0.5</b>        | <b>2.0</b>    | <b>0.0</b>                    | <b>8.0</b>                     |
| Food  | 964.1              | 166.23        | 162.32        | 165.03        | 166.14        | 0.7               | 2.4           | -0.1                          | 8.2                            |
| Non-alcoholic beverages   | 123.6              | 124.93        | 127.08        | 126.86        | 125.76        | -0.9              | -1.0          | 0.7                           | 5.7                            |
| <b>Alcoholic beverages and tobacco</b>                            | <b>78.2</b>        | <b>132.90</b> | <b>133.04</b> | <b>134.51</b> | <b>134.49</b> | <b>0.0</b>        | <b>1.1</b>    | <b>1.2</b>                    | <b>9.0</b>                     |
| Alcoholic beverages for consumption at home                       | 62.2               | 115.05        | 114.88        | 114.60        | 114.57        | 0.0               | -0.3          | -0.4                          | 10.2                           |
| Tobacco   | 16.0               | 202.27        | 203.61        | 211.88        | 211.88        | 0.0               | 4.1           | 4.8                           | 6.6                            |
| <b>Clothing and footwear</b>                                      | <b>276.8</b>       | <b>76.60</b>  | <b>83.63</b>  | <b>79.41</b>  | <b>69.89</b>  | <b>-12.0</b>      | <b>-16.4</b>  | <b>-8.8</b>                   | <b>2.9</b>                     |
| Clothing  | 212.8              | 80.82         | 89.29         | 86.76         | 77.22         | -11.0             | -13.5         | -4.5                          | 6.3                            |
| Footwear  | 64.0               | 62.56         | 64.80         | 54.98         | 45.54         | -17.2             | -29.7         | -27.2                         | -11.0                          |
| <b>Housing</b>  | <b>2,522.2</b>     | <b>102.83</b> | <b>103.19</b> | <b>100.57</b> | <b>100.90</b> | <b>0.3</b>        | <b>-2.2</b>   | <b>-1.9</b>                   | <b>-0.3</b>                    |
| Actual rentals for housing  | 666.7              | 126.50        | 127.28        | 128.23        | 128.39        | 0.1               | 0.9           | 1.5                           | 1.5                            |
| Imputed rentals for housing                                       | 34.4               | 105.29        | 105.29        | 105.29        | 105.29        | 0.0               | 0.0           | 0.0                           | 0.6                            |
| Maintenance and repair of the dwelling                            | 517.0              | 89.76         | 87.75         | 88.34         | 89.74         | 1.6               | 2.3           | 0.0                           | 3.0                            |
| Water supply and miscellaneous services relating to the dwelling  | 463.6              | 95.30         | 98.34         | 98.34         | 98.34         | 0.0               | 0.0           | 3.2                           | 2.1                            |
| Electricity, gas and other fuels                                  | 840.4              | 96.16         | 96.16         | 87.19         | 87.19         | 0.0               | -9.3          | -9.3                          | -5.4                           |
| <b>Household operation</b>  | <b>929.2</b>       | <b>74.91</b>  | <b>76.96</b>  | <b>70.23</b>  | <b>72.51</b>  | <b>3.2</b>        | <b>-5.8</b>   | <b>-3.2</b>                   | <b>0.7</b>                     |
| Furniture, furnishings, carpets and other floor coverings         | 128.8              | 45.54         | 37.81         | 28.41         | 35.91         | 26.4              | -5.0          | -21.1                         | -17.8                          |
| Household textiles  | 58.6               | 60.85         | 56.79         | 39.18         | 37.64         | -3.9              | -33.7         | -38.1                         | -18.2                          |
| Household appliances  | 246.0              | 47.29         | 59.20         | 39.23         | 45.07         | 14.9              | -23.9         | -4.7                          | 9.7                            |
| Glassware, tableware and household utensils                       | 17.2               | 64.73         | 63.13         | 63.14         | 63.58         | 0.7               | 0.7           | -1.8                          | 2.0                            |
| Tools and equipment for house and garden                          | 58.2               | 46.74         | 48.86         | 50.75         | 47.08         | -7.2              | -3.6          | 0.7                           | -1.7                           |
| Goods and services for routine household maintenance and cleaning | 420.5              | 106.35        | 106.60        | 108.49        | 108.51        | 0.0               | 1.8           | 2.0                           | 2.3                            |
| <b>Health</b>   | <b>223.1</b>       | <b>85.18</b>  | <b>83.93</b>  | <b>88.44</b>  | <b>86.95</b>  | <b>-1.7</b>       | <b>3.6</b>    | <b>2.1</b>                    | <b>0.2</b>                     |
| Medical products, appliances and equipment                        | 152.3              | 88.85         | 87.78         | 93.00         | 90.93         | -2.2              | 3.6           | 2.3                           | 0.5                            |
| Out-patient services  | 52.4               | 77.72         | 77.72         | 80.36         | 80.07         | -0.4              | 3.0           | 3.0                           | 1.4                            |
| Other treatments  | 7.8                | 76.07         | 76.36         | 78.95         | 78.67         | -0.4              | 3.0           | 3.4                           | 2.7                            |
| Health products and services n.e.c.                               | 10.5               | 76.07         | 64.78         | 69.77         | 69.77         | 0.0               | 7.7           | -8.3                          | -13.2                          |
| <b>Transport</b>  | <b>1,257.4</b>     | <b>99.68</b>  | <b>101.85</b> | <b>93.00</b>  | <b>95.76</b>  | <b>3.0</b>        | <b>-6.0</b>   | <b>-3.9</b>                   | <b>-0.8</b>                    |
| Purchase of vehicles  | 442.6              | 90.24         | 95.69         | 95.48         | 95.54         | 0.1               | -0.1          | 5.9                           | 3.9                            |
| Operation of personal transport equipment                         | 763.3              | 105.91        | 105.21        | 91.74         | 96.61         | 5.3               | -8.2          | -8.8                          | -4.1                           |
| Transport services  | 51.5               | 88.40         | 105.11        | 90.34         | 85.05         | -5.9              | -19.1         | -3.8                          | 18.2                           |
| <b>Communications</b>   | <b>849.6</b>       | <b>77.95</b>  | <b>77.90</b>  | <b>77.89</b>  | <b>77.90</b>  | <b>0.0</b>        | <b>0.0</b>    | <b>-0.1</b>                   | <b>2.4</b>                     |
| Telephone and telefax equipment                                   | 43.8               | 17.20         | 16.36         | 16.09         | 16.29         | 1.3               | -0.4          | -5.3                          | -16.6                          |
| Telephone and telefax services                                    | 805.8              | 81.25         | 81.25         | 81.25         | 81.25         | 0.0               | 0.0           | 0.0                           | 2.7                            |
| <b>Recreation and culture</b>                                     | <b>1,013.3</b>     | <b>84.33</b>  | <b>95.35</b>  | <b>98.09</b>  | <b>97.70</b>  | <b>-0.4</b>       | <b>2.5</b>    | <b>15.9</b>                   | <b>17.6</b>                    |
| Audio-visual, photographic and information processing equipment   | 58.5               | 54.86         | 72.13         | 39.95         | 51.35         | 28.5              | -28.8         | -6.4                          | -7.9                           |
| Other major durables for recreation and culture                   | 20.0               | 33.65         | 38.43         | 27.63         | 27.27         | -1.3              | -29.0         | -19.0                         | -2.3                           |
| Other recreational items and equipment; gardens and pets          | 266.6              | 118.37        | 120.07        | 123.99        | 123.99        | 0.0               | 3.3           | 4.7                           | 6.1                            |
| Recreational and cultural services                                | 309.1              | 89.04         | 88.54         | 94.40         | 94.40         | 0.0               | 6.6           | 6.0                           | 3.3                            |
| Newspapers, books and stationery                                  | 43.7               | 76.39         | 75.57         | 71.70         | 76.19         | 6.3               | 0.8           | -0.3                          | -0.5                           |
| Holidays  | 315.4              | 60.72         | 91.78         | 98.73         | 94.77         | -4.0              | 3.3           | 56.1                          | 78.2                           |
| <b>Education</b>  | <b>98.0</b>        | <b>109.30</b> | <b>109.30</b> | <b>109.49</b> | <b>109.49</b> | <b>0.0</b>        | <b>0.2</b>    | <b>0.2</b>                    | <b>0.1</b>                     |
| Pre primary and primary education                                 | 24.0               | 86.66         | 86.66         | 86.66         | 86.66         | 0.0               | 0.0           | 0.0                           | 0.0                            |
| Secondary education   | 43.4               | 94.62         | 94.62         | 94.62         | 94.62         | 0.0               | 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                           | 0.0                            |
| Tertiary education  | 23.6               | 160.49        | 160.49        | 160.49        | 160.49        | 0.0               | 0.0           | 0.0                           | 0.0                            |
| Education not definable by level                                  | 2.5                | 109.74        | 109.74        | 117.06        | 117.06        | 0.0               | 6.7           | 6.7                           | 3.9                            |
| <b>Restaurants and hotels</b>                                     | <b>442.0</b>       | <b>117.13</b> | <b>119.96</b> | <b>119.39</b> | <b>119.37</b> | <b>0.0</b>        | <b>-0.5</b>   | <b>1.9</b>                    | <b>3.2</b>                     |
| Catering services   | 429.8              | 118.09        | 120.31        | 120.50        | 120.49        | 0.0               | 0.1           | 2.0                           | 3.2                            |
| Accommodation services  | 12.2               | 83.29         | 107.74        | 80.08         | 79.92         | -0.2              | -25.8         | -4.0                          | 2.9                            |
| <b>Miscellaneous goods and services</b>                           | <b>1,222.6</b>     | <b>86.53</b>  | <b>86.51</b>  | <b>86.30</b>  | <b>85.95</b>  | <b>-0.4</b>       | <b>-0.7</b>   | <b>-0.7</b>                   | <b>1.7</b>                     |
| Personal care   | 427.1              | 101.50        | 101.09        | 101.51        | 100.42        | -1.1              | -0.7          | -1.1                          | 1.6                            |
| Personal effects n.e.c.   | 106.6              | 105.99        | 107.40        | 102.74        | 103.06        | 0.3               | -4.0          | -2.8                          | 10.4                           |
| Social protection   | 78.2               | 115.39        | 115.39        | 115.39        | 115.39        | 0.0               | 0.0           | 0.0                           | 0.0                            |
| Insurance   | 610.7              | 68.97         | 68.97         | 69.06         | 69.06         | 0.0               | 0.1           | 0.1                           | 0.1                            |
| <b>CPI</b>  | <b>10,000.0</b>    | <b>100.06</b> | <b>101.66</b> | <b>99.75</b>  | <b>100.10</b> | <b>0.4</b>        | <b>-1.5</b>   | <b>0.04</b>                   | <b>3.3</b>                     |

Source: Central Bureau of Statistics Aruba

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

| DESCRIPTION   | WEIGHT<br>coefficient | Monthly<br>Jun - Jul | Ytd<br>Dec - Jul | End of period<br>Jul 19 - Jul 20 | Period average<br>Jul 19 - Jul 20 |
|---|-----------------------|----------------------|------------------|----------------------------------|-----------------------------------|
| <b>Food and non-alcoholic beverages</b>                           | <b>1,087.7</b>        | <b>0.09</b>          | <b>0.35</b>      | <b>0.00</b>                      | <b>1.32</b>                       |
| Food  | 964.1                 | 0.11                 | 0.36             | -0.01                            | 1.24                              |
| Non-alcoholic beverages   | 123.6                 | -0.01                | -0.02            | 0.01                             | 0.09                              |
| <b>Alcoholic beverages and tobacco</b>                            | <b>78.2</b>           | <b>0.00</b>          | <b>0.01</b>      | <b>0.01</b>                      | <b>0.09</b>                       |
| Alcoholic beverages for consumption at home                       | 62.2                  | 0.00                 | 0.00             | 0.00                             | 0.07                              |
| Tobacco   | 16.0                  | 0.00                 | 0.01             | 0.02                             | 0.02                              |
| <b>Clothing and footwear</b>                                      | <b>276.8</b>          | <b>-0.26</b>         | <b>-0.37</b>     | <b>-0.19</b>                     | <b>0.06</b>                       |
| Clothing  | 212.8                 | -0.20                | -0.25            | -0.08                            | 0.11                              |
| Footwear  | 64.0                  | -0.06                | -0.12            | -0.11                            | -0.05                             |
| <b>Housing</b>  | <b>2,522.2</b>        | <b>0.08</b>          | <b>-0.57</b>     | <b>-0.49</b>                     | <b>-0.09</b>                      |
| Actual rentals for housing  | 666.7                 | 0.01                 | 0.07             | 0.13                             | 0.13                              |
| Imputed rentals for housing                                       | 34.4                  | 0.00                 | 0.00             | 0.00                             | 0.00                              |
| Maintenance and repair of the dwelling                            | 517.0                 | 0.07                 | 0.10             | 0.00                             | 0.14                              |
| Water supply and miscellaneous services relating to the dwelling  | 463.6                 | 0.00                 | 0.00             | 0.14                             | 0.10                              |
| Electricity, gas and other fuels                                  | 840.4                 | 0.00                 | -0.74            | -0.75                            | -0.45                             |
| <b>Household operation</b>  | <b>929.2</b>          | <b>0.21</b>          | <b>-0.41</b>     | <b>-0.22</b>                     | <b>0.05</b>                       |
| Furniture, furnishings, carpets and other floor coverings         | 128.8                 | 0.10                 | -0.02            | -0.12                            | -0.11                             |
| Household textiles  | 58.6                  | -0.01                | -0.11            | -0.14                            | -0.07                             |
| Household appliances  | 246.0                 | 0.14                 | -0.34            | -0.05                            | 0.12                              |
| Glassware, tableware and household utensils                       | 17.2                  | 0.00                 | 0.00             | 0.00                             | 0.00                              |
| Tools and equipment for house and garden                          | 58.2                  | -0.02                | -0.01            | 0.00                             | -0.01                             |
| Goods and services for routine household maintenance and cleaning | 420.5                 | 0.00                 | 0.08             | 0.09                             | 0.10                              |
| <b>Health</b>   | <b>223.1</b>          | <b>-0.03</b>         | <b>0.07</b>      | <b>0.04</b>                      | <b>0.00</b>                       |
| Medical products, appliances and equipment                        | 152.3                 | -0.03                | 0.05             | 0.03                             | 0.01                              |
| Out-patient services  | 52.4                  | 0.00                 | 0.01             | 0.01                             | 0.01                              |
| 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                             |
| <b>Transport</b>  | <b>1,257.4</b>        | <b>0.35</b>          | <b>-0.75</b>     | <b>-0.49</b>                     | <b>-0.10</b>                      |
| Purchase of vehicles  | 442.6                 | 0.00                 | -0.01            | 0.23                             | 0.16                              |
| Operation of personal transport equipment                         | 763.3                 | 0.37                 | -0.65            | -0.71                            | -0.33                             |
| Transport services  | 51.5                  | -0.03                | -0.10            | -0.02                            | 0.07                              |
| <b>Communications</b>   | <b>849.6</b>          | <b>0.00</b>          | <b>0.00</b>      | <b>0.00</b>                      | <b>0.16</b>                       |
| Telephone and telefax equipment                                   | 43.8                  | 0.00                 | 0.00             | 0.00                             | -0.01                             |
| Telephone and telefax services                                    | 805.8                 | 0.00                 | 0.00             | 0.00                             | 0.17                              |
| <b>Recreation and culture</b>                                     | <b>1,013.3</b>        | <b>-0.04</b>         | <b>0.23</b>      | <b>1.35</b>                      | <b>1.46</b>                       |
| Audio-visual, photographic and information processing equipment   | 58.5                  | 0.07                 | -0.12            | -0.02                            | -0.03                             |
| Other major durables for recreation and culture                   | 20.0                  | 0.00                 | -0.02            | -0.01                            | 0.00                              |
| Other recreational items and equipment; gardens and pets          | 266.6                 | 0.00                 | 0.10             | 0.15                             | 0.19                              |
| Recreational and cultural services                                | 309.1                 | 0.00                 | 0.18             | 0.17                             | 0.09                              |
| Newspapers, books and stationery                                  | 43.7                  | 0.02                 | 0.00             | 0.00                             | 0.00                              |
| Holidays  | 315.4                 | -0.13                | 0.09             | 1.07                             | 1.20                              |
| <b>Education</b>  | <b>98.0</b>           | <b>0.00</b>          | <b>0.00</b>      | <b>0.00</b>                      | <b>0.00</b>                       |
| 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                              |
| <b>Restaurants and hotels</b>                                     | <b>442.0</b>          | <b>0.00</b>          | <b>-0.03</b>     | <b>0.10</b>                      | <b>0.17</b>                       |
| Catering services   | 429.8                 | 0.00                 | 0.01             | 0.10                             | 0.16                              |
| Accommodation services  | 12.2                  | 0.00                 | -0.03            | 0.00                             | 0.00                              |
| <b>Miscellaneous goods and services</b>                           | <b>1,222.6</b>        | <b>-0.04</b>         | <b>-0.07</b>     | <b>-0.07</b>                     | <b>0.18</b>                       |
| Personal care   | 427.1                 | -0.05                | -0.03            | -0.05                            | 0.07                              |
| Personal effects n.e.c.   | 106.6                 | 0.00                 | -0.05            | -0.03                            | 0.11                              |
| Social protection   | 78.2                  | 0.00                 | 0.00             | 0.00                             | 0.00                              |
| Insurance   | 610.7                 | 0.00                 | 0.01             | 0.01                             | 0.00                              |
| <b>CPI</b>  | <b>10,000.0</b>       | <b>0.36</b>          | <b>-1.54</b>     | <b>0.04</b>                      | <b>3.31</b>                       |

Source: Central Bureau of Statistics Aruba

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

| DESCRIPTION                                      | WEIGHT<br>coefficient | % Change             |                                  | Effect               |                                  |
|--|-----------------------|----------------------|----------------------------------|----------------------|----------------------------------|
|  |                       | Monthly<br>Jun - Jul | End of period<br>Jul 19 - Jul 20 | Monthly<br>Jun - Jul | End of period<br>Jul 19 - Jul 20 |
| <b>Food &amp; catering services</b>              | <b>1,517.5</b>        | <b>0.4</b>           | <b>0.5</b>                       | <b>0.093</b>         | <b>0.104</b>                     |
| <b>Food at home</b>                              | <b>1,087.7</b>        | <b>0.5</b>           | <b>0.0</b>                       | <b>0.094</b>         | <b>0.001</b>                     |
| <b>Bread and cereals</b>                         | <b>178.1</b>          | <b>1.3</b>           | <b>4.3</b>                       | <b>0.029</b>         | <b>0.091</b>                     |
| Rice   | 23.5                  | -0.1                 | 3.5                              | 0.000                | 0.011                            |
| Bread  | 72.1                  | 0.3                  | 8.6                              | 0.003                | 0.082                            |
| Pasta products                                   | 9.2                   | -1.3                 | -0.3                             | -0.001               | 0.000                            |
| Other cereals and cereal products                | 73.3                  | 3.6                  | -0.1                             | 0.027                | -0.001                           |
| <b>Meat</b>                                      | <b>242.5</b>          | <b>0.4</b>           | <b>1.9</b>                       | <b>0.011</b>         | <b>0.059</b>                     |
| Bovine   | 67.3                  | -0.9                 | 3.0                              | -0.007               | 0.025                            |
| Swine  | 25.5                  | 0.7                  | 5.6                              | 0.002                | 0.017                            |
| Poultry  | 75.7                  | 0.7                  | -1.4                             | 0.007                | -0.014                           |
| Other meat and meat preparations                 | 74.0                  | 0.9                  | 3.3                              | 0.009                | 0.031                            |
| <b>Fish and other seafood</b>                    | <b>49.0</b>           | <b>2.0</b>           | <b>4.5</b>                       | <b>0.011</b>         | <b>0.024</b>                     |
| Fish and seafood preparations                    | 49.0                  | 2.0                  | 4.5                              | 0.011                | 0.024                            |
| <b>Milk, cheese and eggs</b>                     | <b>135.3</b>          | <b>-0.3</b>          | <b>2.1</b>                       | <b>-0.005</b>        | <b>0.035</b>                     |
| Cheese   | 55.4                  | 2.0                  | 3.4                              | 0.016                | 0.027                            |
| Eggs   | 16.6                  | -3.8                 | 13.8                             | -0.007               | 0.022                            |
| Milk   | 40.0                  | -1.1                 | -0.4                             | -0.007               | -0.002                           |
| Other milk products                              | 23.3                  | -3.6                 | -5.3                             | -0.007               | -0.011                           |
| <b>Oils and fats</b>                             | <b>32.2</b>           | <b>-0.1</b>          | <b>2.5</b>                       | <b>-0.001</b>        | <b>0.012</b>                     |
| Corn oil   | 2.8                   | 0.8                  | 0.4                              | 0.000                | 0.000                            |
| Butter and margarine                             | 9.2                   | 1.2                  | 1.7                              | 0.002                | 0.003                            |
| Other oils and fats                              | 20.1                  | -1.0                 | 3.4                              | -0.003               | 0.009                            |
| <b>Fruit</b>                                     | <b>97.6</b>           | <b>-0.3</b>          | <b>-5.5</b>                      | <b>-0.012</b>        | <b>-0.265</b>                    |
| Oranges  | 9.4                   | 2.8                  | 12.2                             | 0.004                | 0.015                            |
| Bananas and plantains                            | 19.9                  | 4.7                  | -3.6                             | 0.020                | -0.017                           |
| Apples   | 9.3                   | 3.1                  | -3.1                             | 0.005                | -0.005                           |
| Avocado  | 5.0                   | -8.0                 | -22.2                            | -0.073               | -0.239                           |
| Grapes   | 9.2                   | 8.2                  | -12.5                            | 0.013                | -0.025                           |
| Nuts   | 11.9                  | -0.6                 | 1.5                              | -0.001               | 0.002                            |
| Lemons and mandarins                             | 6.0                   | 7.3                  | -6.4                             | 0.004                | -0.004                           |
| Cherries and strawberries                        | 8.8                   | -1.0                 | -12.6                            | -0.009               | -0.137                           |
| Melons and watermelons                           | 7.7                   | -3.2                 | 14.3                             | -0.026               | 0.099                            |
| Papayas and pineapples                           | 6.9                   | 5.1                  | -6.0                             | 0.029                | -0.038                           |
| Other fruits and fruit products                  | 3.5                   | 9.0                  | 45.9                             | 0.022                | 0.085                            |
| <b>Potatoes and other tubers</b>                 | <b>18.2</b>           | <b>-8.3</b>          | <b>0.4</b>                       | <b>-0.022</b>        | <b>0.001</b>                     |
| Potatoes   | 12.2                  | -10.3                | 1.0                              | -0.022               | 0.002                            |
| Other tubers                                     | 2.0                   | 0.9                  | 0.6                              | 0.000                | 0.000                            |
| Sweet potatoes and yucca                         | 4.0                   | -1.0                 | -3.1                             | 0.000                | -0.001                           |
| <b>Vegetables</b>                                | <b>89.1</b>           | <b>5.7</b>           | <b>-1.3</b>                      | <b>0.091</b>         | <b>-0.022</b>                    |
| Lettuce  | 6.8                   | 15.7                 | -31.6                            | 0.007                | -0.025                           |
| Tomatoes   | 9.7                   | 7.1                  | 28.2                             | 0.010                | 0.032                            |
| Onions and garlic                                | 18.7                  | 2.7                  | -3.6                             | 0.016                | -0.022                           |
| Celery and broccoli                              | 15.3                  | 16.9                 | -3.5                             | 0.052                | -0.013                           |
| Other vegetables                                 | 15.3                  | 1.3                  | 3.9                              | 0.003                | 0.008                            |
| Other preserved or processed vegetables          | 8.4                   | 0.5                  | 13.4                             | 0.001                | 0.005                            |
| Frozen vegetable mixtures                        | 14.8                  | 1.5                  | -3.1                             | 0.003                | -0.006                           |
| <b>Sugar, jam, honey and other confectionery</b> | <b>42.0</b>           | <b>0.7</b>           | <b>0.4</b>                       | <b>0.003</b>         | <b>0.002</b>                     |
| Sugar  | 12.1                  | -0.4                 | -1.7                             | 0.000                | -0.002                           |
| Jams and jellies                                 | 2.5                   | 4.7                  | 6.4                              | 0.001                | 0.002                            |
| Other confectionery products                     | 27.5                  | 0.7                  | 0.7                              | 0.002                | 0.002                            |
| <b>Food products n.e.c.</b>                      | <b>80.1</b>           | <b>0.3</b>           | <b>5.8</b>                       | <b>0.003</b>         | <b>0.053</b>                     |
| Other food products                              | 80.1                  | 0.3                  | 5.8                              | 0.003                | 0.053                            |
| <b>Non-alcoholic beverages</b>                   | <b>123.6</b>          | <b>-0.9</b>          | <b>0.7</b>                       | <b>-0.014</b>        | <b>0.010</b>                     |
| Coffee and tea                                   | 20.9                  | 0.1                  | 1.1                              | 0.000                | 0.002                            |
| Other non-alcoholic beverages                    | 14.6                  | -0.1                 | 1.8                              | 0.000                | 0.003                            |
| Soft and sports drinks                           | 31.0                  | -1.7                 | 0.8                              | -0.007               | 0.003                            |
| Fruit juices                                     | 57.1                  | -0.9                 | 0.2                              | -0.007               | 0.002                            |
| <b>Food away from home</b>                       | <b>429.8</b>          | <b>0.0</b>           | <b>2.0</b>                       | <b>-0.001</b>        | <b>0.103</b>                     |
| Food and beverage consumption away from home     | 429.8                 | 0.0                  | 2.0                              | -0.001               | 0.103                            |
| <b>Other goods and services</b>                  | <b>8,482.5</b>        | <b>0.3</b>           | <b>-0.1</b>                      | <b>0.263</b>         | <b>-0.060</b>                    |
| Other goods                                      | 4,735.8               | 0.9                  | -3.8                             | 0.362                | -1.593                           |
| Other services                                   | 3,746.7               | -0.3                 | 4.4                              | -0.098               | 1.533                            |
| <b>CPI</b>                                       | <b>10,000</b>         | <b>0.4</b>           | <b>0.04</b>                      | <b>0.356</b>         | <b>0.044</b>                     |

Source: Central Bureau of Statistics Aruba

**APPENDIX 4**

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

|                         | Base<br>Jun-19<br>=100.0 | Base<br>Jun-19<br>=100.0 | Base<br>Jun-19<br>=100.0 | Base<br>Jun-19<br>=100.0 | YEAR: 2020 |                 |        |                   | YEAR: 2019 |                 |        |                   |
|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------|-----------------|--------|-------------------|------------|-----------------|--------|-------------------|
|                         |                          |                          |                          |                          | CHANGE     |                 |        |                   | CHANGE     |                 |        |                   |
|                         |                          |                          |                          |                          | Monthly    | Year-to<br>date | Yearly | Period<br>average | Monthly    | Year-to<br>date | Yearly | Period<br>average |
|                         | <b>Jan'19</b>            | <b>Dec'18</b>            | <b>Jan'20</b>            | <b>Dec'19</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 96.25                    | 96.67                    | 101.56                   | 101.66                   | -0.1       | -0.1            | 5.5    | 4.4               | -0.4       | -0.4            | 3.6    | 3.8               |
| Low Income              | 96.24                    | 96.29                    | 101.03                   | 101.36                   | -0.3       | -0.3            | 5.0    |                   | -0.1       | -0.1            | 4.4    |                   |
| High Income             | 96.29                    | 96.86                    | 102.06                   | 102.11                   | -0.04      | -0.04           | 6.0    |                   | -0.6       | -0.6            | 3.3    |                   |
|                         | <b>Feb'19</b>            | <b>Jan'19</b>            | <b>Feb'20</b>            | <b>Jan'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 96.66                    | 96.25                    | 101.73                   | 101.56                   | 0.2        | 0.1             | 5.2    | 4.6               | 0.4        | 0.0             | 3.0    | 3.9               |
| Low Income              | 96.66                    | 96.24                    | 101.64                   | 101.03                   | 0.6        | 0.3             | 5.2    |                   | 0.4        | 0.4             | 3.5    |                   |
| High Income             | 96.68                    | 96.29                    | 102.46                   | 102.06                   | 0.4        | 0.3             | 6.0    |                   | 0.4        | -0.2            | 2.7    |                   |
|                         | <b>Mar'19</b>            | <b>Feb'19</b>            | <b>Mar'20</b>            | <b>Feb'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 98.00                    | 96.66                    | 101.43                   | 101.73                   | -0.3       | -0.2            | 3.5    | 4.6               | 1.4        | 1.4             | 3.5    | 3.9               |
| Low Income              | 98.07                    | 96.66                    | 101.36                   | 101.64                   | -0.3       | 0.0             | 3.4    |                   | 1.5        | 1.8             | 4.2    |                   |
| High Income             | 97.99                    | 96.68                    | 102.11                   | 102.46                   | -0.3       | 0.0             | 4.2    |                   | 1.3        | 1.2             | 3.1    |                   |
|                         | <b>Apr'19</b>            | <b>Mar'19</b>            | <b>Apr'20</b>            | <b>Mar'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 98.83                    | 98.00                    | 100.69                   | 101.43                   | -0.7       | -1.0            | 1.9    | 4.4               | 0.8        | 2.2             | 4.5    | 4.1               |
| Low Income              | 98.74                    | 98.07                    | 100.93                   | 101.36                   | -0.4       | -0.4            | 2.2    |                   | 0.7        | 2.5             | 4.9    |                   |
| High Income             | 98.86                    | 97.99                    | 101.23                   | 102.11                   | -0.9       | -0.9            | 2.4    |                   | 0.9        | 2.1             | 4.4    |                   |
|                         | <b>May'19</b>            | <b>Apr'19</b>            | <b>May'20</b>            | <b>Apr'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 99.19                    | 98.83                    | 99.96                    | 100.69                   | -0.7       | -1.7            | 0.8    | 4.1               | 0.4        | 2.6             | 4.5    | 4.2               |
| Low Income              | 99.37                    | 98.74                    | 100.20                   | 100.93                   | -0.7       | -1.1            | 0.8    |                   | 0.6        | 3.2             | 5.1    |                   |
| High Income             | 99.12                    | 98.86                    | 100.53                   | 101.23                   | -0.7       | -1.5            | 1.4    |                   | 0.3        | 2.3             | 4.3    |                   |
|                         | <b>Jun'19</b>            | <b>May'19</b>            | <b>Jun'20</b>            | <b>May'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 100.00                   | 99.19                    | 99.75                    | 99.96                    | -0.2       | -1.9            | -0.3   | 3.6               | 0.8        | 3.4             | 4.8    | 4.3               |
| Low Income              | 100.00                   | 99.37                    | 99.76                    | 100.20                   | -0.4       | -1.6            | -0.2   |                   | 0.6        | 3.9             | 5.5    |                   |
| High Income             | 100.00                   | 99.12                    | 100.48                   | 100.53                   | -0.1       | -1.6            | 0.5    |                   | 0.9        | 3.2             | 4.5    |                   |
|                         | <b>Jul'19</b>            | <b>Jun'19</b>            | <b>Jul'20</b>            | <b>Jun'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 100.06                   | 100.00                   | 100.10                   | 99.75                    | 0.4        | -1.5            | 0.04   | 3.3               | 0.1        | 3.5             | 3.7    | 4.2               |
| Low Income              | 99.91                    | 100.00                   | 100.18                   | 99.76                    | 0.4        | -1.2            | 0.3    |                   | -0.1       | 3.8             | 4.3    |                   |
| High Income             | 100.13                   | 100.00                   | 100.71                   | 100.48                   | 0.2        | -1.4            | 0.6    |                   | 0.1        | 3.4             | 3.4    |                   |
|                         | <b>Aug'19</b>            | <b>Jul'19</b>            | <b>Aug'20</b>            | <b>Jul'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 99.80                    | 100.06                   |                          |                          |            |                 |        |                   | -0.3       | 3.2             | 4.0    | 4.1               |
| Low Income              | 99.75                    | 99.91                    |                          |                          |            |                 |        |                   | -0.2       | 3.6             | 4.5    |                   |
| High Income             | 99.84                    | 100.13                   |                          |                          |            |                 |        |                   | -0.3       | 3.1             | 3.8    |                   |
|                         | <b>Sep'19</b>            | <b>Aug'19</b>            | <b>Sep'20</b>            | <b>Aug'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 100.00                   | 99.80                    |                          |                          |            |                 |        |                   | 0.2        | 3.4             | 4.4    | 4.1               |
| Low Income              | 99.84                    | 99.75                    |                          |                          |            |                 |        |                   | 0.1        | 3.7             | 4.7    |                   |
| High Income             | 100.08                   | 99.83                    |                          |                          |            |                 |        |                   | 0.3        | 3.3             | 4.2    |                   |
|                         | <b>Oct'19</b>            | <b>Sep'19</b>            | <b>Oct'20</b>            | <b>Sep'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 100.49                   | 100.00                   |                          |                          |            |                 |        |                   | 0.5        | 3.9             | 5.0    | 4.2               |
| Low Income              | 100.54                   | 99.84                    |                          |                          |            |                 |        |                   | 0.7        | 4.4             | 5.5    |                   |
| High Income             | 100.65                   | 100.08                   |                          |                          |            |                 |        |                   | 0.6        | 3.9             | 5.0    |                   |
|                         | <b>Nov'19</b>            | <b>Oct'19</b>            | <b>Nov'20</b>            | <b>Oct'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 100.53                   | 100.49                   |                          |                          |            |                 |        |                   | 0.04       | 4.0             | 4.8    | 4.2               |
| Low Income              | 100.46                   | 100.54                   |                          |                          |            |                 |        |                   | -0.1       | 4.3             | 5.1    |                   |
| High Income             | 100.77                   | 100.65                   |                          |                          |            |                 |        |                   | 0.1        | 4.0             | 4.8    |                   |
|                         | <b>Dec'19</b>            | <b>Nov'19</b>            | <b>Dec'20</b>            | <b>Nov'20</b>            |            |                 |        |                   |            |                 |        |                   |
| <u>Total Population</u> | 101.66                   | 100.53                   |                          |                          |            |                 |        |                   | 1.1        | 5.2             | 5.2    | 4.3               |
| Low Income              | 101.36                   | 100.46                   |                          |                          |            |                 |        |                   | 0.9        | 5.3             | 5.3    |                   |
| High Income             | 102.11                   | 100.77                   |                          |                          |            |                 |        |                   | 1.3        | 5.4             | 5.4    |                   |

Source: Central Bureau of Statistics Aruba



## APPENDIX 5

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

| Month               | Crude oil <sup>1</sup> | Electricity components           |                |              |                           |                          | Water <sup>5</sup> | Gasoline <sup>6</sup> | Diesel <sup>6</sup> |
|---------------------|------------------------|----------------------------------|----------------|--------------|---------------------------|--------------------------|--------------------|-----------------------|---------------------|
|                     |                        | Total energy charge <sup>2</sup> |                |              | Fixed charge <sup>3</sup> | Electricity <sup>4</sup> |                    |                       |                     |
|                     |                        | ≤ 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             | 40.15                  | 31.09                            | 31.99          | 42.09        | 12.50                     | 240.09                   | 137.05             | 174.90                | 135.00              |
| August-20           |                        |                                  |                |              |                           |                          |                    |                       |                     |
| September-20        |                        |                                  |                |              |                           |                          |                    |                       |                     |
| October-20          |                        |                                  |                |              |                           |                          |                    |                       |                     |
| November-20         |                        |                                  |                |              |                           |                          |                    |                       |                     |
| December-20         |                        |                                  |                |              |                           |                          |                    |                       |                     |
| <b>Average 2020</b> | <b>37.33</b>           | <b>31.09</b>                     | <b>31.99</b>   | <b>42.09</b> | <b>12.50</b>              | <b>240.09</b>            | <b>137.05</b>      | <b>177.77</b>         | <b>146.36</b>       |

Source: Central Bureau of Statistics Aruba

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

<sup>2</sup> Total energy charge in Afl. cents per kWh

<sup>3</sup> Fixed charge was introduced in October 2014 at Afl. 2.50

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

<sup>5</sup> Water price in Afl. is based on an average household usage

<sup>6</sup> Gasoline and diesel prices in Afl. cents per liter