## Consumer Price Index, base period December 2006

## July 2017

## The Central Bureau of Statistics presents the most important findings for the Consumer Price Index (CPI) for the month of July 2017.

The CPI for July 2017 is 116.55 , a decrease of $0.1 \%$ compared to the index of June 2017 (116.70) and accumulating a decrease of $1.2 \%$ up to and including July of this year.

The percentage change of the CPI over the last twelve (12) months (July 2016 to July 2017) is $-1.1 \%$, virtually the same compared to the percentage change for the same period of last year (-1.1\%)
The period average percentage change of the CPI for the period July 2016 - July 2017 is $-0.4 \%$, an increase of 0.4 ppts compared to the period average percentage change over the period July 2015 - July 2016 (-0.8\%).
During this month, eight (8) of the twelve (12) sectors registered decreases in prices. The decreases which had the greatest influence on the CPI were registered for the "Transport" $(-0.3 \%)$, "Food and non-alcoholic beverages" ( $-0.3 \%$ ) and "Recreation and culture" ( $-0.3 \%$ ) sectors, causing an effect of $-0.05,-0.04$ and -0.03 ppts , respectively. The decreases in the remaining sectors had an effect of -0.06 ppts on the CPI of July 2017.
Aforementioned decreases were partially offset mainly by increases in the indices for the "Clothing and footwear" ( $0.3 \%$ ) and "Housing" sectors, which each contributed with an effect of 0.02 ppts. The increases in the remaining sectors had an effect of 0.01 ppt on the CPI of July 2017.
The decrease in the "Transport" sector was caused by a decrease of $1.4 \%$ in the category "Operation of personal transport equipment", which contributed to an effect of -0.12 ppts. The decrease in the "Food and non-alcoholic beverages" sector was mainly due to a decrease in the category "Food" ( $-0.3 \%$ ), which contributed to an effect of -0.03 ppts. The decrease in the "Recreation and culture" sector was mainly caused by a decrease of $4.0 \%$ in the category "Holidays", which contributed to an effect of -0.03 ppts.
The increase in the "Clothing and footwear" sector was due to an increase in the category "Clothing" (0.6\%), which contributed to an effect of 0.03 ppts. The increase in the "Housing" sector was due to an increase in the category "Actual rentals for housing" (0.1\%), which contributed to an effect of 0.02 ppts .
The consumption basket of the CPI consists of 452 goods and services. Compared to June 2017, $25.4 \%$ of these products had an increase in price, causing an effect of 0.32 ppts, while $31.6 \%$ showed a decrease, contributing to an effect of -0.45 ppts and the remaining $43.0 \%$ had no change in price. The prices of goods decreased by $0.3 \%$ and caused an influence of 0.18 ppts. The prices of services show an increase of $0.1 \%$ and had an influence of 0.05 ppts on the CPI of July 2017.
The CPIC (core inflation) - CPI excluding the effect of energy and food - was $0.5 \%$ in July 2017, which is 0.3 ppts lower compared to the percentage change for the same period of last year ( $0.8 \%$ ). The energy index - which consists of the products: electricity, water, gasoline and diesel - is $-4.8 \%$, which is 1.6 ppt higher compared to the percentage change for the same period of last year (-6.4\%). The food index shows an increase of $0.7 \%$, which is 1.0 ppt higher compared to the percentage change for the same period of last year ( $-0.3 \%$ ).
The subsistence level for a household consisting of two (2) adults and two (2) children (aged 0-14 years) in July 2017 is Afl. 4,311, while for a single adult household it is Afl. 2,053.

| August 22, 2017 |  |  |
| :---: | :---: | :---: |
| central bureau of statistics JULY 2017 |  |  |
| CPI (BASE DEC 2006 = 100) |  |  |
| Index | $\downarrow$ | 116.55 |
| Monthly | $\downarrow$ | -0.1 |
| Year-to-date | $\downarrow$ | -1.2 |
| End of period | $\downarrow$ | -1.1 |
| Period average | $\downarrow$ | -0.4 |
| Goods | $\downarrow$ | -0.3 |
| Services | $\uparrow$ | 0.1 |
| CPIC |  |  |
| CPIC | $\uparrow$ | 0.5 |
| Energy | $\downarrow$ | -4.8 |
| Food | $\uparrow$ | 0.7 |
| SUBSISTENCE LEVEL in AFL. |  |  |
| 1 adult | $\downarrow$ | 2,053 |
| 2 adults +2 children | $\downarrow$ | 4,311 |
| CPIC: CPI excluding the effect of energy and food. |  |  |
| SUBSISTENCE LEVEL: The minimum level of income which is perceived necessary to achieve an adequate standard of living. |  |  |



CPI (BASE DEC 2006 = 100)

> CPIC: CP lexcluding 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.

|  | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index | 117.82 | 117.17 | 117.35 | 117.61 | 117.78 | 118.00 | 116.63 | 116.58 | 116.44 | 116.42 | 116.88 | 116.70 | 116.55 |
| Monthly | 0.3 | -0.6 | 0.2 | 0.2 | 0.1 | 0.2 | -1.2 | -0.04 | -0.1 | -0.02 | 0.4 | -0.2 | -0.1 |
| Year-to-date | -0.5 | -1.0 | -0.9 | -0.7 | -0.5 | -0.3 | -1.2 | -1.2 | -1.3 | -1.3 | -0.9 | -1.1 | -1.2 |
| End of period | -1.1 | -1.4 | -0.7 | -0.1 | 0.03 | -0.3 | -0.4 | -0.3 | -0.1 | -0.1 | -0.1 | -0.6 | -1.1 |
| Period average | -0.8 | -0.9 | -1.0 | -1.0 | -0.9 | -0.9 | -0.9 | -0.8 | -0.7 | -0.6 | -0.4 | -0.4 | -0.4 |
| Goods | 0.1 | -0.6 | 0.5 | 0.4 | 0.5 | -0.4 | -1.3 | -0.1 | -0.2 | -0.2 | 0.2 | -0.2 | -0.3 |
| Services | 0.7 | -0.5 | -0.4 | -0.1 | -0.4 | 1.2 | -0.9 | 0.05 | 0.03 | 0.3 | 0.8 | -0.1 | 0.1 |
| CPIC | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 |
| Energy | -6.4 | -7.2 | -7.6 | -7.3 | -7.3 | -7.0 | -6.8 | -6.5 | -5.8 | -5.5 | -5.2 | -5.0 | -4.8 |
| Food | -0.3 | -0.6 | -0.8 | -0.7 | -0.4 | -0.1 | -0.03 | 0.1 | 0.3 | 0.5 | 0.6 | 0.5 | 0.7 |
| 1 adult | 2,068 | 2,060 | 2,065 | 2,079 | 2,085 | 2,088 | 2,059 | 2,054 | 2,052 | 2,054 | 2,056 | 2,056 | 2,053 |
| 2 adults +2 children | 4,342 | 4,326 | 4,336 | 4,365 | 4,379 | 4,385 | 4,323 | 4,314 | 4,310 | 4,313 | 4,318 | 4,317 | 4,311 |
| Source: Central Bureau of Statistics Aruba |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Table 2 Percentage change by sector |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage changes |  |  |  |
| Sector | Weight coefficient | Effect Jun-Iul | Monthly Jun-Jul | Year-to-date Dec-Jul | End of period Jul 16 - Jul 17 | Period average Jul 16 - Jul 17 |
| CPI | 10,000.0 | -0.14 | -0.1 | -1.2 | -1.1 | -0.4 |
| 01. Food and non-alcoholic beverages | 1,125.3 | -0.04 | -0.3 | -1.4 | 0.9 | 0.6 |
| 02. Alcoholic beverages and tobacco | 81.9 | 0.00 | -0.1 | 0.7 | 0.4 | 0.9 |
| 03. Clothing and footwear | 625.9 | 0.02 | 0.3 | -0.6 | 0.4 | 0.6 |
| 04. Housing | 2,553.3 | 0.02 | 0.1 | -3.5 | -3.0 | -3.0 |
| 05. Household operation | 741.3 | -0.02 | -0.3 | -3.9 | -1.3 | 0.7 |
| 06. Health | 235.8 | -0.01 | -0.4 | 1.3 | 0.0 | 1.0 |
| 07. Transport | 1,815.4 | -0.05 | -0.3 | 1.8 | -1.0 | 1.3 |
| 08. Communications | 706.3 | 0.00 | 0.0 | -0.4 | -1.0 | -0.4 |
| 09. Recreation and culture | 891.2 | -0.03 | -0.3 | -2.0 | -2.0 | -0.4 |
| 10. Education | 83.0 | 0.01 | 0.8 | 5.5 | 9.1 | 5.0 |
| 11. Restaurants and hotels | 373.7 | 0.00 | -0.1 | 1.3 | 1.4 | 1.2 |
| 12. Miscellaneous goods and services | 767.0 | -0.02 | -0.4 | -0.2 | -0.4 | 0.1 |
| Source: Central Bureau of Statistics Aruba |  |  |  |  |  |  |

Table 3 Categories with the greatest positive effect on the CPI of July 2017

| Category | Monthly <br> change | Effect |
| :--- | :---: | :---: |
| Transport services | 4.5 | 0.07 |
| Clothing | 0.6 | 0.03 |
| Actual rentals for housing | 0.1 | 0.02 |
| Source: Central Bureau of Statistics Aruba |  |  |

Table 4 Categories with the greatest negative effect on the CPI of July 2017

|  | Monthly <br> change | Effect |
| :--- | :---: | :---: |
| Category | -1.4 | -0.12 |
| Operation of personal transport equipment | -0.3 | -0.03 |
| Food | -4.0 | -0.03 |
| Holidays | -2.2 | -0.02 |
| Audio-visual, photographic and information <br> processing equipment | -3.0 | -0.02 |
| Household textiles |  |  |
| Source: Central Bureau of Statistics Aruba |  |  |

Change in prices of crude oil, utilities, gasoline and diesel in July 2017

The prices of utilities (electricity and water), gasoline and diesel are for the greater part determined by international crude oil prices. In July 2017 the average price per barrel of crude oil (US\$ 46.29) had an increase of US\$ 0.68 (1.5\%) compared to June 2017 (US\$ 45.61).

Fuel surcharge for a usage of electricity up to 500 kWh did not change in July 2017, it stayed at Afl. 16.02 cents per kWh. Fuel surcharge for a usage of electricity between 501-1000 kWh did not change in July 2017, it stayed at Afl. 21.72 cents per kWh . The prices of electricity and water did not change compared to June 2017. 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 July 2017 the price of gasoline decreased by Afl. 4.10 cents $(-2.3 \%)$ causing an effect of -0.12 ppts on the CPI. The price of diesel registered a decrease of Afl. 4.90 cents ( $-3.5 \%$ ) and had an effect -0.01 ppt on the CPI of July 2017.

In July 2017, utilities, gasoline and diesel as a group show a decrease in price of $0.7 \%$ compared to June 2017, and had an influence of -0.13 ppts on the CPI, while the remaining 448 goods and services, as a group, experienced a slight decrease of $0.01 \%$ in price, causing an effect of -0.01 ppt on the CPI.



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## Change in prices of Food \& catering services in

 July 2017The "Food \& catering services" index shows a decrease of $0.2 \%$ in July 2017, after an increase of $0.2 \%$ in June 2017. The index for "Food at home" shows a decrease of $0.3 \%$ in July, as eight (8) of the eleven (11) "Food at home" indices decreased in July 2017. The "Vegetables" index registered the largest decrease ( $-2.0 \%$ ) in July 2017. Furthermore, decreases were posted in the indices for "Fish and other seafood" (-0.6\%), "Milk, cheese and eggs" (-0.2\%), "Bread and cereals" ( $-0.2 \%$ ) and "Non-alcoholic beverages" ( $-0.2 \%$ ). The "Potatoes and other tubers" index registered the largest increase ( $0.3 \%$ ). Furthermore, increases of $0.1 \%$ and $0.04 \%$ were posted in the indices for "Sugar, jam, honey and other confectionery" and "Meat".

Over the last twelve (12) months, the "Food \& catering services" has increased by $1.0 \%$. The "Food at home" index shows an increase of $0.9 \%$. The "Fruit" index increased by $9.1 \%$, the largest increase among the "Food at home" food groups, while the "Milk, cheese and eggs" index shows the largest decrease (-3.9\%).

The index for "Food away from home" shows a decrease of $0.1 \%$ in July 2017 after an increase of 0.7\% in June 2017 and has increased by $1.4 \%$ over the last twelve (12) months.

In July 2017, "Food at home" and "Food away from home" as a group show a decrease in price of $0.2 \%$ compared to June 2017, and had an influence of -0.04 ppts on the CPI, while the remaining goods and services, as a group, experienced a decrease in price of $0.1 \%$, causing an effect of -0.09 ppts on the CPI.

|  | Weight | Monthly | Effect |
| :---: | :---: | :---: | :---: |
| Category |  | change |  |
| Food at home | 1,125.3 | -0.3 | -0.04 |
| Food away from home | 367.5 | -0.1 | 0.00 |
| Total group | 1,492.8 | -0.2 | -0.04 |
| Remaining goods and services | 8,507.2 | -0.1 | -0.09 |
| CPI | 10,000.0 | -0.1 | -0.14 |
| Source: Central Bureau of Statistics Aruba |  |  |  |

Table 7 Percentage change for Food \& catering services

|  | Indices |  |  |  | Percentage changes |  |  | Effect |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight coefficient | Jul-16 | Jun-17 | Jul-17 | Monthly <br> May-Jun | $\begin{aligned} & \text { Monthly } \\ & \text { Jun - Jul } \end{aligned}$ | End of period Jul 16 - Jul 17 | $\begin{aligned} & \text { Monthly } \\ & \text { Jun - Jul } \end{aligned}$ | End of period Jul 16 - Jul 17 |
| Food \& catering services | 1,492.8 | 143.99 | 145.80 | 145.49 | 0.2 | -0.2 | 1.0 | -0.040 | 0.190 |
| Food at home | 1,125.3 | 146.34 | 148.08 | 147.69 | 0.0 | -0.3 | 0.9 | -0.038 | 0.129 |
| Bread and cereals | 205.2 | 133.85 | 134.91 | 134.68 | 0.0 | -0.2 | 0.6 | -0.004 | 0.014 |
| Meat | 229.8 | 144.30 | 145.50 | 145.55 | 0.2 | 0.0 | 0.9 | 0.001 | 0.024 |
| Fish and other seafood | 56.4 | 134.25 | 131.06 | 130.31 | -0.1 | -0.6 | -2.9 | -0.004 | -0.019 |
| Milk, cheese and eggs | 140.0 | 133.25 | 128.30 | 128.04 | 0.6 | -0.2 | -3.9 | -0.003 | -0.062 |
| Oils and fats | 31.6 | 157.33 | 160.00 | 159.94 | 0.1 | 0.0 | 1.7 | 0.000 | 0.007 |
| Fruit | 72.0 | 246.12 | 268.70 | 268.56 | 1.9 | -0.1 | 9.1 | -0.001 | 0.137 |
| Potatoes and other tubers | 18.5 | 124.31 | 126.10 | 126.46 | -3.6 | 0.3 | 1.7 | 0.001 | 0.003 |
| Vegetables | 75.7 | 181.54 | 186.79 | 183.02 | -2.5 | -2.0 | 0.8 | -0.024 | 0.010 |
| Sugar, jam, honey and other confectionery | 49.6 | 106.34 | 109.98 | 110.07 | 0.8 | 0.1 | 3.5 | 0.000 | 0.016 |
| Food products n.e.c. | 82.7 | 136.36 | 137.71 | 137.63 | -0.1 | -0.1 | 0.9 | -0.001 | 0.009 |
| Non-alcoholic beverages | 163.9 | 137.65 | 137.07 | 136.86 | -0.2 | -0.2 | -0.6 | -0.003 | -0.011 |
| Food away from home | 367.5 | 136.77 | 138.82 | 138.74 | 0.7 | -0.1 | 1.4 | -0.003 | -1.272 |
| Source: Central Bureau of Statistics Aruba |  |  |  |  |  |  |  |  |  |

## APPENDIX 1

Monthly \& Yearly Changes (\%) in the Consumer Price Index for July 2017, Total Population (Dec 2006 = 100)

| DESCRIPTION | WEIGHT <br> coefficient | $\begin{gathered} \hline 2016 \\ \text { Jul } \\ \hline \end{gathered}$ | $\begin{array}{r} 2016 \\ \text { Dec } \\ \hline \end{array}$ | $\begin{gathered} 2017 \\ \text { Jun } \\ \hline \end{gathered}$ | $\begin{gathered} 2017 \\ \text { Jul } \\ \hline \end{gathered}$ | Monthly Jun - Jul | Ytd Dec - Jul | End of period <br> Jul 16 - Jul 17 | Period average Jul 16 - Jul 17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Food and non-alcoholic beverages | 1,125.3 | 146.34 | 149.75 | 148.08 | 147.69 | -0.3 | -1.4 | 0.9 | 0.6 |
| Food | 961.4 | 147.83 | 151.81 | 149.96 | 149.54 | -0.3 | -1.5 | 1.2 | 0.7 |
| Non-alcoholic beverages | 163.9 | 137.65 | 137.65 | 137.07 | 136.86 | -0.2 | -0.6 | -0.6 | -0.1 |
| Alcoholic beverages and tobacco | 81.9 | 148.79 | 148.42 | 149.57 | 149.42 | -0.1 | 0.7 | 0.4 | 0.9 |
| Alcoholic beverages for consumption at home | 59.3 | 124.99 | 124.18 | 123.92 | 123.72 | -0.2 | -0.4 | -1.0 | 0.5 |
| Tobacco | 22.6 | 211.20 | 211.98 | 216.81 | 216.81 | 0.0 | 2.3 | 2.7 | 1.6 |
| Clothing and footwear | 625.9 | 90.97 | 91.88 | 91.05 | 91.36 | 0.3 | -0.6 | 0.4 | 0.6 |
| Clothing | 550.4 | 92.64 | 93.66 | 92.61 | 93.15 | 0.6 | -0.5 | 0.6 | 0.5 |
| Footwear | 75.5 | 78.83 | 78.85 | 79.70 | 78.28 | -1.8 | -0.7 | -0.7 | 1.0 |
| Housing | 2,553.3 | 133.87 | 134.52 | 129.80 | 129.87 | 0.1 | -3.5 | -3.0 | -3.0 |
| Actual rentals for housing | 854.2 | 151.38 | 152.47 | 153.80 | 154.02 | 0.1 | 1.0 | 1.7 | 1.8 |
| Maintenance and repair of the dwelling | 444.6 | 106.42 | 108.05 | 110.39 | 110.39 | 0.0 | 2.2 | 3.7 | 1.0 |
| Water supply and miscellaneous services relating to the dwelling | 505.7 | 119.95 | 119.95 | 119.95 | 119.95 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity, gas and other fuels | 748.8 | 139.61 | 139.61 | 120.59 | 120.59 | 0.0 | -13.6 | -13.6 | -11.9 |
| Household operation | 741.3 | 95.78 | 98.29 | 94.82 | 94.49 | -0.3 | -3.9 | -1.3 | 0.7 |
| Furniture, furnishings, carpets and other floor coverings | 142.1 | 54.50 | 64.38 | 52.73 | 53.00 | 0.5 | -17.7 | -2.8 | 5.0 |
| Household textiles | 69.5 | 103.37 | 106.60 | 91.20 | 88.44 | -3.0 | -17.0 | -14.4 | -4.2 |
| Household appliances | 111.3 | 60.95 | 61.66 | 62.36 | 62.57 | 0.3 | 1.5 | 2.7 | -1.6 |
| Glassware, tableware and household utensils | 31.8 | 64.97 | 67.59 | 66.39 | 67.28 | 1.3 | -0.5 | 3.6 | 3.1 |
| Tools and equipment for house and garden | 40.0 | 70.46 | 70.56 | 71.40 | 71.10 | -0.4 | 0.8 | 0.9 | -3.9 |
| Goods and services for routine household maintenance and cleaning | 346.6 | 128.12 | 128.30 | 128.54 | 128.18 | -0.3 | -0.1 | 0.0 | 1.4 |
| Health | 235.8 | 96.56 | 95.35 | 96.97 | 96.58 | -0.4 | 1.3 | 0.0 | 1.0 |
| Medical products, appliances and equipment | 140.3 | 103.27 | 101.69 | 103.91 | 103.27 | -0.6 | 1.6 | 0.0 | 1.6 |
| Out-patient services | 57.2 | 82.85 | 82.85 | 82.85 | 82.85 | 0.0 | 0.0 | 0.0 | 0.9 |
| Other health products and services | 38.3 | 92.48 | 90.82 | 92.67 | 92.62 | -0.1 | 2.0 | 0.2 | -1.1 |
| Transport | 1,815.4 | 113.02 | 109.96 | 112.25 | 111.91 | -0.3 | 1.8 | -1.0 | 1.3 |
| Purchase of vehicles | 811.4 | 107.49 | 108.44 | 108.41 | 108.41 | 0.0 | 0.0 | 0.9 | 0.7 |
| Operation of personal transport equipment | 840.1 | 118.26 | 112.65 | 117.56 | 115.92 | -1.4 | 2.9 | -2.0 | 1.8 |
| Transport services | 163.8 | 113.60 | 103.70 | 104.03 | 108.67 | 4.5 | 4.8 | -4.3 | 1.1 |
| Communications | 706.3 | 90.61 | 90.03 | 89.70 | 89.71 | 0.0 | -0.4 | -1.0 | -0.4 |
| Postal services | 6.1 | 118.02 | 118.02 | 118.02 | 118.02 | 0.0 | 0.0 | 0.0 | 0.0 |
| Telephone and telefax equipment | 29.6 | 27.43 | 29.00 | 33.99 | 34.23 | 0.7 | 18.0 | 24.8 | 8.9 |
| Telephone and telefax services | 670.6 | 93.14 | 92.47 | 91.90 | 91.90 | 0.0 | -0.6 | -1.3 | -0.5 |
| Recreation and culture | 891.2 | 111.86 | 111.85 | 109.96 | 109.58 | -0.3 | -2.0 | -2.0 | -0.4 |
| Audio-visual, photographic and information processing equipment | 123.8 | 80.33 | 74.43 | 82.43 | 80.65 | -2.2 | 8.4 | 0.4 | 6.0 |
| Other major durables for recreation and culture | 19.2 | 52.54 | 48.38 | 42.08 | 45.81 | 8.8 | -5.3 | -12.8 | -9.8 |
| Other recreational items and equipment; gardens and pets | 260.1 | 140.51 | 140.73 | 134.93 | 135.46 | 0.4 | -3.7 | -3.6 | -0.7 |
| Recreational and cultural services | 335.0 | 105.06 | 105.06 | 105.25 | 105.25 | 0.0 | 0.2 | 0.2 | -1.2 |
| Newspapers, books and stationery | 82.1 | 88.60 | 86.77 | 83.50 | 84.26 | 0.9 | -2.9 | -4.9 | -2.5 |
| Holidays | 71.0 | 137.00 | 149.51 | 137.68 | 132.18 | -4.0 | -11.6 | -3.5 | 0.5 |
| Education | 83.0 | 118.35 | 122.38 | 128.10 | 129.16 | 0.8 | 5.5 | 9.1 | 5.0 |
| Pre primary and primary education | 30.4 | 109.07 | 109.07 | 109.07 | 109.07 | 0.0 | 0.0 | 0.0 | 0.0 |
| Secondary education | 25.2 | 119.45 | 119.45 | 119.45 | 119.45 | 0.0 | 0.0 | 0.0 | 0.0 |
| Post-secondary non-tertiary education | 4.6 | 129.44 | 129.44 | 129.44 | 129.44 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tertiary education | 10.4 | 131.28 | 157.10 | 194.85 | 201.98 | 3.7 | 28.6 | 53.8 | 29.6 |
| Education not definable by level | 12.4 | 123.96 | 129.20 | 135.79 | 136.91 | 0.8 | 6.0 | 10.5 | 6.0 |
| Restaurants and hotels | 373.7 | 136.14 | 136.25 | 138.16 | 138.08 | -0.1 | 1.3 | 1.4 | 1.2 |
| Catering services | 367.5 | 136.77 | 136.88 | 138.82 | 138.74 | -0.1 | 1.4 | 1.4 | 1.2 |
| Accommodation services | 6.2 | 98.74 | 98.75 | 99.00 | 98.99 | 0.0 | 0.2 | 0.3 | 0.2 |
| Miscellaneous goods and services | 767.0 | 103.31 | 103.11 | 103.28 | 102.91 | -0.4 | -0.2 | -0.4 | 0.1 |
| Personal care | 262.0 | 119.54 | 119.68 | 119.28 | 118.91 | -0.3 | -0.6 | -0.5 | 0.3 |
| Personal effects n.e.c. | 67.3 | 107.75 | 105.34 | 109.68 | 108.18 | -1.4 | 2.7 | 0.4 | -0.3 |
| Social protection | 28.7 | 145.84 | 145.84 | 145.84 | 145.84 | 0.0 | 0.0 | 0.0 | 0.0 |
| Insurance | 289.1 | 85.46 | 85.46 | 85.46 | 85.46 | 0.0 | 0.0 | 0.0 | 0.1 |
| Financial services n.e.c. | 26.9 | 98.23 | 97.99 | 97.49 | 96.76 | -0.7 | -1.2 | -1.5 | -0.3 |
| Other services n.e.c. | 93.0 | 98.23 | 97.99 | 97.49 | 96.76 | -0.7 | -1.2 | -1.5 | -0.3 |
| CPI | 10,000 | 117.82 | 118.00 | 116.70 | 116.55 | -0.1 | -1.2 | -1.1 | -0.4 |

APPENDIX 2
Effect on the Consumer Price Index per sector and category for July 2017 (Dec 2006 = 100)

| DESCRIPTION | WEIGHT coefficient | Monthly Jun - Jul | Ytd Dec - Jul | End of period Jul 16 - Jul 17 | Period average Jul 16 - Jul 17 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Food and non-alcoholic beverages | 1,125.3 | -0.04 | -0.20 | 0.13 | 0.08 |
| Food | 961.4 | -0.03 | -0.19 | 0.14 | 0.08 |
| Non-alcoholic beverages | 163.9 | 0.00 | -0.01 | -0.01 | 0.00 |
| Alcoholic beverages and tobacco | 81.9 | 0.00 | 0.01 | 0.00 | 0.01 |
| Alcoholic beverages for consumption at home | 59.3 | 0.00 | 0.00 | -0.01 | 0.00 |
| Tobacco | 22.6 | 0.00 | 0.01 | 0.01 | 0.01 |
| Clothing and footwear | 625.9 | 0.02 | -0.03 | 0.02 | 0.03 |
| Clothing | 550.4 | 0.03 | -0.02 | 0.02 | 0.02 |
| Footwear | 75.5 | -0.01 | 0.00 | 0.00 | 0.00 |
| Housing | 2,553.3 | 0.02 | -1.01 | -0.87 | -0.87 |
| Actual rentals for housing | 854.2 | 0.02 | 0.11 | 0.19 | 0.19 |
| Maintenance and repair of the dwelling | 444.6 | 0.00 | 0.09 | 0.15 | 0.04 |
| Water supply and miscellaneous services relating to the dwelling | 505.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Electricity, gas and other fuels | 748.8 | 0.00 | -1.21 | -1.21 | -1.10 |
| Household operation | 741.3 | -0.02 | -0.24 | -0.08 | 0.04 |
| Furniture, furnishings, carpets and other floor coverings | 142.1 | 0.00 | -0.14 | -0.02 | 0.03 |
| Household textiles | 69.5 | -0.02 | -0.11 | -0.09 | -0.03 |
| Household appliances | 111.3 | 0.00 | 0.01 | 0.02 | -0.01 |
| Glassware, tableware and household utensils | 31.8 | 0.00 | 0.00 | 0.01 | 0.01 |
| Tools and equipment for house and garden | 40.0 | 0.00 | 0.00 | 0.00 | -0.01 |
| Goods and services for routine household maintenance and cleaning | 346.6 | -0.01 | 0.00 | 0.00 | 0.05 |
| Health | 235.8 | -0.01 | 0.02 | 0.00 | 0.02 |
| Medical products, appliances and equipment | 140.3 | -0.01 | 0.02 | 0.00 | 0.02 |
| Out-patient services | 57.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other health products and services | 38.3 | 0.00 | 0.01 | 0.00 | 0.00 |
| Transport | 1,815.4 | -0.05 | 0.30 | -0.17 | 0.22 |
| Purchase of vehicles | 811.4 | 0.00 | 0.00 | 0.06 | 0.05 |
| Operation of personal transport equipment | 840.1 | -0.12 | 0.23 | -0.17 | 0.15 |
| Transport services | 163.8 | 0.07 | 0.07 | -0.07 | 0.02 |
| Communications | 706.3 | 0.00 | -0.02 | -0.05 | -0.02 |
| Postal services | 6.1 | 0.00 | 0.00 | 0.00 | 0.00 |
| Telephone and telefax equipment | 29.6 | 0.00 | 0.01 | 0.02 | 0.01 |
| Telephone and telefax services | 670.6 | 0.00 | -0.03 | -0.07 | -0.03 |
| Recreation and culture | 891.2 | -0.03 | -0.17 | -0.17 | -0.03 |
| Audio-visual, photographic and information processing equipment | 123.8 | -0.02 | 0.07 | 0.00 | 0.05 |
| Other major durables for recreation and culture | 19.2 | 0.01 | 0.00 | -0.01 | -0.01 |
| Other recreational items and equipment; gardens and pets | 260.1 | 0.01 | -0.12 | -0.11 | -0.02 |
| Recreational and cultural services | 335.0 | 0.00 | 0.01 | 0.01 | -0.04 |
| Newspapers, books and stationery | 82.1 | 0.01 | -0.02 | -0.03 | -0.02 |
| Holidays | 71.0 | -0.03 | -0.10 | -0.03 | 0.00 |
| Education | 83.0 | 0.01 | 0.05 | 0.08 | 0.04 |
| Pre primary and primary education | 30.4 | 0.00 | 0.00 | 0.00 | 0.00 |
| Secondary education | 25.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Post-secondary non-tertiary education | 4.6 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tertiary education | 10.4 | 0.01 | 0.04 | 0.06 | 0.03 |
| Education not definable by level | 12.4 | 0.00 | 0.01 | 0.01 | 0.01 |
| Restaurants and hotels | 373.7 | 0.00 | 0.06 | 0.06 | 0.05 |
| Catering services | 367.5 | 0.00 | 0.06 | 0.06 | 0.05 |
| Accommodation services | 6.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Miscellaneous goods and services | 767.0 | -0.02 | -0.01 | -0.03 | 0.00 |
| Personal care | 262.0 | -0.01 | -0.02 | -0.01 | 0.01 |
| Personal effects n.e.c. | 67.3 | -0.01 | 0.02 | 0.00 | 0.00 |
| Social protection | 28.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Insurance | 289.1 | 0.00 | 0.00 | 0.00 | 0.00 |
| Financial services n.e.c. | 26.9 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other services n.e.c. | 93.0 | -0.01 | -0.01 | -0.01 | 0.00 |
| CPI | 10,000 | -0.14 | -1.24 | -1.08 | -0.43 |

## APPENDIX 3

Monthly \& Yearly Changes (\%) and effect in the Food \& catering services for July 2017, Total Population (Dec 2006 = 100)

| DESCRIPTION | WEIGHT coefficient | \% Change |  | Effect |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Monthly Jun - Jul | End of period Jul 16 - Jul 17 | Monthly Jun - Jul | End of period Jul 16 - Jul 17 |
| Food \& catering services | 1,492.8 | -0.2 | 1.0 | -0.04 | 0.19 |
| Food at home | 1,125.3 | -0.3 | 0.9 | -0.04 | 0.13 |
| Bread and cereals | 205.2 | -0.2 | 0.6 | 0.00 | 0.01 |
| Rice | 18.8 | 0.1 | 0.6 | 0.00 | 0.00 |
| Bread | 98.1 | -0.1 | 0.1 | 0.00 | 0.00 |
| Pasta products | 7.6 | -0.5 | -1.2 | 0.00 | 0.00 |
| Other cereals and cereal products | 80.7 | -0.2 | 1.5 | 0.00 | 0.01 |
| Meat | 229.8 | 0.0 | 0.9 | 0.00 | 0.02 |
| Bovine | 44.7 | -0.4 | -1.7 | 0.00 | -0.01 |
| Swine | 28.1 | -0.5 | -1.2 | 0.00 | 0.00 |
| Poultry | 59.5 | 0.2 | 0.2 | 0.00 | 0.00 |
| Other meat and meat preparations | 97.5 | 0.3 | 3.2 | 0.00 | 0.04 |
| Fish and other seafood | 56.4 | -0.6 | -2.9 | 0.00 | -0.02 |
| Fish and seafood preparations | 56.4 | -0.6 | -2.9 | 0.00 | -0.02 |
| Milk, cheese and eggs | 140.0 | -0.2 | -3.9 | 0.00 | -0.06 |
| Milk | 58.8 | -0.6 | -6.3 | 0.00 | -0.05 |
| Cheese | 46.9 | 0.7 | 0.5 | 0.00 | 0.00 |
| Eggs | 14.3 | 0.0 | 2.9 | 0.00 | 0.00 |
| Other milk products | 19.9 | -1.3 | -9.9 | 0.00 | -0.02 |
| Oils and fats | 31.6 | 0.0 | 1.7 | 0.00 | 0.01 |
| Butter and margarine | 9.9 | 0.5 | 2.5 | 0.00 | 0.00 |
| Corn oil | 9.4 | -0.3 | 3.3 | 0.00 | 0.00 |
| Other oils and fats | 12.3 | -0.3 | -0.6 | 0.00 | 0.00 |
| Fruit | 72.0 | -0.1 | 9.1 | 0.00 | 0.14 |
| Oranges, lemons and mandarins | 11.1 | 4.7 | 20.6 | 0.01 | 0.02 |
| Bananas and plantains | 13.8 | -3.2 | -8.4 | -0.01 | -0.02 |
| Apples and pears | 11.2 | 0.5 | -9.0 | 0.00 | -0.02 |
| Grapes | 6.0 | -12.0 | -13.4 | -0.01 | -0.02 |
| Melons and watermelons | 6.7 | 0.9 | 48.3 | 0.00 | 0.11 |
| Nuts | 6.9 | 0.9 | 0.9 | 0.00 | 0.00 |
| Other fruits and fruit products | 16.4 | 1.6 | 10.6 | 0.01 | 0.06 |
| Potatoes and other tubers | 18.5 | 0.3 | 1.7 | 0.00 | 0.00 |
| Potatoes | 11.2 | 0.5 | 3.1 | 0.00 | 0.00 |
| Sweet potatoes and yucca | 2.5 | 0.2 | -4.5 | 0.00 | 0.00 |
| Other tubers | 4.8 | -0.5 | -0.1 | 0.00 | 0.00 |
| Vegetables | 75.7 | -2.0 | 0.8 | -0.02 | 0.01 |
| Lettuce | 6.7 | -9.3 | -0.2 | 0.00 | 0.00 |
| Celery and broccoli | 6.3 | -8.5 | 11.5 | -0.01 | 0.02 |
| Tomatoes \& peppers | 15.5 | 1.8 | 4.3 | 0.00 | 0.01 |
| Onions | 7.8 | -3.7 | -4.0 | -0.01 | -0.01 |
| Frozen vegetable mixtures | 6.7 | 0.7 | 1.1 | 0.00 | 0.00 |
| Other vegetables | 12.7 | 0.3 | -1.7 | 0.00 | 0.00 |
| Other preserved or processed vegetables | 20.0 | 0.0 | -0.2 | 0.00 | 0.00 |
| Sugar, jam, honey and other confectionery | 49.6 | 0.1 | 3.5 | 0.00 | 0.02 |
| Sugar | 14.4 | 0.1 | 10.7 | 0.00 | 0.01 |
| Jams and jellies | 2.8 | 0.2 | 0.2 | 0.00 | 0.00 |
| Other confectionery products | 32.4 | 0.0 | 1.1 | 0.00 | 0.00 |
| Food products n.e.c. | 82.7 | -0.1 | 0.9 | 0.00 | 0.01 |
| Other food products | 82.7 | -0.1 | 0.9 | 0.00 | 0.01 |
| Non-alcoholic beverages | 163.9 | -0.2 | -0.6 | 0.00 | -0.01 |
| Coffee and tea | 30.1 | 0.2 | -4.8 | 0.00 | -0.01 |
| Soft and sports drinks | 49.7 | 0.1 | 0.5 | 0.00 | 0.00 |
| Fruit juices | 61.0 | -0.2 | 0.2 | 0.00 | 0.00 |
| Other non-alcoholic beverages | 23.1 | -0.8 | -0.2 | 0.00 | 0.00 |
| Food away from home | 367.5 | -0.1 | 1.4 | 0.00 | 0.06 |
| Food and beverage consumption away from home | 367.5 | -0.1 | 1.4 | 0.00 | 0.06 |
| Other goods and services | 8,507.2 | -0.1 | -1.6 | -0.09 | -1.27 |
| Other goods | 5,147.2 | -0.3 | -2.7 | -0.15 | -1.30 |
| Other services | 3,360.0 | 0.2 | 0.1 | 0.05 | 0.03 |
| CPI | 10,000 | -0.1 | -1.1 | -0.14 | -1.08 |


[^0]:    ${ }^{1}$ Average West Texas Intermediate (WTI) crude oil price per barrel in US\$ (Source: U.S. Energy Information Administration)
    ${ }^{2}$ Fuel surcharge in Afl. cents per kWh
    ${ }^{3}$ Electricty 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

