

## REPUBLIC OF SOMALILAND

MINISTRY OF PLANNING AND NATIONAL DEVELOPMENT

**Central Statistics Department (CSD)** 



# Monthly Consumer Price Index July-2019



## **Methodology**

This publication provides monthly Consumer Price Indices of Somaliland composite which is based on two main market baskets of Hargeisa urban households and Hargeisa was further sampled into 124 outlets. However, the current Consumer Price Index was constructed the results of the 2012 Somaliland Household budget survey (SHS). During the exercise, markets were incorporated into the Index. Only the household final consumption expenditure data for the Hargeisa domain were analyzed and used to compute the Somaliland CPI weights. The CPI is now classified as an international standard, referring to: Classification of Individual Consumption According to Purpose (COICOP).

At the *elementary aggregate* (EA) level, the indices were computed using the Jevons (Geometric Mean) method for all items within the elementary aggregates. The modified Laspeyres index formula is used to compute *higher level indices*. The National CPI is computed as a weighted average of the two Markets, outlets mentioned above and indices are obtained from the *elementary aggregate* (EA) level.

## Computation of the Monthly Inflation (M-o-M):

Monthly Inflation is calculated as the percentage change between the CPI of the current month and the CPI of the previous month.

## Computation of the Annual Inflation (Y-o-Y):

Annual Inflation is calculated as the percentage change between CPI of the current month and the CPI of the same month but for the previous year.

#### Core:

Core contains goods and services, but does not include the food crop and energy. (This measure of inflation always excludes the above mentioned items which their prices are more volatile).

#### SOMALILAND CONSUMER PRICE INDEX

The Central Statistics Department of the Ministry of Planning & National Development (MoPND), has released the Consumer Price Index (CPI) for the Month of July 2019 (Base year 2012=100).

Highlights of CPI, July 2019.

## 1. Annual Inflation

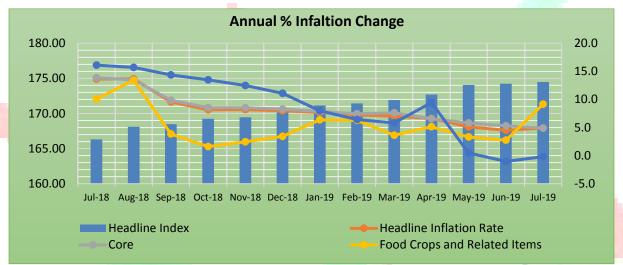
The Annual Headline Inflation for the year ending of July 2019 increase 4.9 percent compared to the 4.5 percent recorded July 2018.

The Annual Food Crops Inflation increase 9.2 percent for the year ending July 2019 compared to 2.8 percent in July 2018. The drivers of changes were apple increase to 7.3 percent for the year ending July 2019 compared to 1.2 percent registered similar month of the previous year. Carrot inflation registered an increase 9.0 percent for the year ending July 2019 compared to the 1.9 percent recorded to the corresponding month of the previous year .Similarly, Garlic Toon inflation 19.0 percent for the ending year ending July 2019 compared 8.3 percent to corresponding month of the previous year. In addition, the Potatoes inflation increase 1.9 percent for the ending year ending July 2019 compared to 0.3 percent corresponding month of the previous year.

**The Annual Energy Inflation**, Fuels and Utilities (EFU) decline to (0.2) percent for the year ending July 2019 compared (0.1) percent recorded corresponding month of the previous year. The driver was **Charcoal** inflation decline 21.6 percent for the year ending July 2019 compared to 24.6 percent recorded for the corresponding month of the preceding year.

The Annual Core inflation decline to 4.9 percent for the year ending July 2019 compared 5.3 percent for corresponding month July 2018. This was driven by the Camel Meat inflation decline that 10.9 percent for the year ending July 2019 compared to 18.7 percent recorded during the corresponding month of the previous year. Fresh fish inflation decline to 1.7 percent for the year ending July 2019 compared to the 2.4 percent recorded for the corresponding similar month of the last year. Similarly, Tea inflation decline to 2.5 percent for the year ending July 2019 to 5.1 percent recorded for the corresponding month. Finally, the Frozen Chicken inflation declined to 5.5 percent for the year ending July 2019 compared to the 7.1 percent recorded to the corresponding similar month.

Graph 1: Somaliland Headline Index and Annual Inflation rates for 3 major components, July 2018 – July 2019: (2012 = 100)

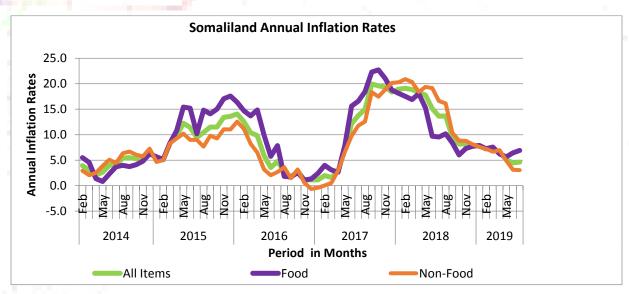


Source: CPI unit/Economic Section/CSD.

## **Graph 2: Somaliland Annual Inflation Rates**

Graph 2 also demonstrates that for the entire period from July 2014 to July 2019, it measured annual inflation, which has a positive impact on the households more especially those with a fixed income together with those with very low income and without any savings at all. The same graph shows that food prices were instable compared to non-food prices. Food prices changed more frequently and sharply mostly due the seasonal factors and exchange rate.

**Graph 2: Somaliland Annual Inflation Rates** 



CPI Unit/Economic Section/CSD.

## 2. Monthly Inflation

The Monthly Headline Inflation for the year ending of July 2019 Remain 0.1 percent compared to the 0.1 percent recorded June 2019.

Monthly Food Inflation of July 2019 increase 0.3 percent compared 0.02 percent recorded in ending Jun 2019.

**Food Crop & Related items** monthly Inflation increase 0.24 percent in July 2019 compared 0.17 percent recorded in Jun 2019, In addition **Core** monthly inflation decline 0.1 percent during July 2019 compared 0.2 percent recorded in Jun 2019 and. Similarly, the Monthly **Energy Fuel & utilities** Inflation increase by 0.3 percent for the month of July 2019 compared to (1.2) percent recorded during Jun 2019.

Monthly % Inflation Change

4.0

2.0

0.0

Jul-18 Aug-18 Sep 18 Oct-18 Nov 18 Dec-18 Jan-19 Feb 19 Mar-19 Apr-19 May-19 Jul-19

-2.0

-4.0

-6.0

-8.0

Headline inflation Rate

Core

Food Crops and Related Items

Energy Fuel and Utilities

Graph 3: Somaliland Headline Monthly Inflation rates for 3 major components, July\_2018-July\_2019.

CPI Unit/Economic Section/CSD.

Note: The CPI compilation from July 2019, still the market prices scores on the high trend fluctuation of Food items. The devaluation of Somaliland shilling still high 8366/=SLSH per one dollar.

## EXPLANATORY NOTES FOR THE INFLATION OF JULY 2019

## 1. Most Contribution of Annual Inflation (COICOP)<sup>1</sup> by Divisions (Group)

The driving of Annual Inflation **according** to COICOP is described in the following paragraphs.

### 01. Food and Non-Alcoholic Beverages

The Annual Inflation for Food and Non-Alcoholic Beverages increase by 6.6 percent for the year ending July 2019 compared to 6.1 percent recorded for the Corresponding similar month of the previous year.

#### 03. Clothing and footwear

The Annual Inflation for **cloth and footwear** increase to 5.7 percent for the year ending July 2019 compared to 5.3 percent recorded for the Corresponding similar month of the previous year.

#### 04. Housing, water, Electricity, Gas and other fuels

The Annual Inflation for **Housing**, **water**, **electricity**, **Gas & other fuels** increase to 1.9 percent for the year ending July 2019 compared to 1.8 percent recorded for the Corresponding similar month of the previous year.

#### 12. Miscellaneous Goods and service

The Annual Inflation for **Clothes & Footwear** increase by 3.7 percent for the year ending July 2019 compared to 3.6 percent recorded for the Corresponding similar month of the previous year.

## EXPLANATORY NOTES FOR THE INFLATION OF JULY 2019

## 2. Most Contribution of Monthly Inflation (COICOP) by Divisions (Group)

The driving of Monthly Inflation **according** to COICOP is described in the following paragraphs.

#### 01. Food and Non-Alcoholic Beverages

The Monthly Inflation for **Food and Non-Alcoholic Beverages** increase by 0.3 percent for the year ending July 2019 compared to 0.02 percent recorded for the last month.

#### 06. Health

The Monthly Inflation for **Health** decline to (0.2) percent for the year ending July 2019 compared to 0.2 percent recorded for June 2019.

#### 09. Recreation and Culture

The Monthly Inflation for **Recreation and culture** remain to (1.1) percent for the year ending July 2019 compared to (1.1) percent recorded for June 2019.

<sup>&</sup>lt;sup>1</sup>COICOP is Classification of Individual Consumption according to Purpose, which is the United Nations recommended classification of products for the CPI, National Accounts and Household Budget Surveys.

**<sup>&</sup>lt;sup>2</sup>COICOP** is Classification of Individual Consumption according to Purpose, which is the United Nations recommended classification of products for the CPI, National Accounts and Household Budget Surveys.

ANNEX1: Somaliland Consumer Price Index (CPI) and Inflation for Core, Food Crops, & EFU: (Jan-2017 – July 2019).

|      | GROUP      | Core              | Food<br>Crops    | EFU              | Headline index     | Core       | Food<br>Crops | EFU            | Head-<br>Line<br>inflation | Core       | Food<br>Crops | EFU        | Head-<br>Line<br>inflation |
|------|------------|-------------------|------------------|------------------|--------------------|------------|---------------|----------------|----------------------------|------------|---------------|------------|----------------------------|
|      | Weights    | 814.08            | 95.33            | 90.59            | 1000.000           |            | Мо            | onthly %       | 6 Change                   |            | Α             | \nnual %   | 6 Change                   |
|      | Calen      | dar Years         |                  |                  | _                  |            |               |                |                            |            |               |            |                            |
|      | 2016       | 134.61            | 136.88           | 115.79           | 133.12             | 1.9        | -0.1          | -1.5           | 1.4                        | 4.1        | -11.4         | -9.1       | 1.1                        |
|      | 2018       | 169.45            | 187.02           | 158.85           | 170.17             | 0.2        | 1.7           | 1.4            | 0.4                        | 8.3        | 3.4           | 11.4       | 8.0                        |
|      | 2019       | 173.68            | 196.31           | 154.41           | 174.09             | 0.7        | 1.2           | 1.6            | 0.8                        | 5.8        | 3.3           | 0.7        | 5.1                        |
| 2017 | Jan        | 135.29            | 136.63           | 116.66           | 133.73             | 0.4        | 0.2           | 0.7            | 0.4                        | 3.5        | -9.7          | -7.0       | 1.1                        |
| 2011 | Feb        | 135.67            | 143.44           | 112.86           | 134.34             | 0.3        | 5.0           | -3.3           | 0.5                        | 3.6        | -4.1          | -6.3       | 2.0                        |
|      | Mar        | 135.74            | 151.48           | 113.98           | 135.27             | 0.0        | 5.6           | 1.0            | 0.7                        | 2.5        | -1.0          | -3.8       | 1.6                        |
|      | Apr        | 137.35            | 153.27           | 117.11           | 137.04             | 1.2        | 1.2           | 2.7            | 1.3                        | 3.3        | -1.6          | 4.4        | 2.8                        |
|      | May        | 140.99            | 158.16           | 122.10           | 140.91             | 2.5        | 3.2           | 4.3            | 2.7                        | 7.2        | 2.8           | 13.0       | 7.1                        |
|      | July       | 144.99            | 163.58           | 127.70           | 145.20             | 2.8        | 3.4           | 4.6            | 3.0                        | 12.1       | 6.0           | 22.3       | 12.2                       |
|      | Jul        | 145.92            | 164.07           | 131.72           | 146.36             | 1.0        | 1.3           | 3.2            | 1.1                        | 12.7       | 14.3          | 25.8       | 13.8                       |
|      | Aug        | 148.07            | 160.73           | 133.05           | 147.91             | 1.5        | -2.0          | 1.0            | 1.1                        | 13.1       |               | 24.8       | 14.9                       |
|      | Sep        | 153.45            | 175.88           | 133.38           | 153.77             | 3.6        | 9.4           | 0.2            | 4.0                        | 17.4       | 33.5          | 30.3       | 19.9                       |
|      | Oct        | 155.42            | 181.83           | 139.31           | 156.48             | 1.3        | 3.4           | 4.4            | 1.8                        | 19.1       | 26.9          | 15.0       | 19.6                       |
|      | Nov        | 155.89            | 179.53           | 139.30           | 156.64             | 03         | -1.3          | 4.4            | 0.1                        | 18.0       | 31.1          | 18.5       | 19.4                       |
|      | Dec        | 156.54            | 180.80           | 143.00           | 157.63             | 0.4        | 0.7           | 2.7            | 0.6                        | 16.3       | 32.1          | 23.5       | 18.4                       |
| 2018 | Jan        | 158.09            | 181.30           | 142.62           | 158.90             | 1.0        | 0.3           | -0.3           | 0.8                        | 17.0       | 32.7          | 22.2       | 18.9                       |
| 2010 | Feb        | 159.21            | 180.98           | 143.51           | 159.86             | 0.7        | -0.2          | 0.6            | 0.6                        | 17.5       | 26.2          | 27.1       | 19.1                       |
|      | Mar        | 159.53            | 186.38           | 143.52           | 160.64             | 0.2        | 3.0           | 0.6            | 0.5                        | 17.7       | 23.0          | 25.9       | 18.9                       |
|      | Apr        | 161.87            | 184.50           | 138.84           | 161.95             | 1.5        | -1.0          | -3.7           | 0.8                        | 18.0       | 20.4          | 18.0       | 18.3                       |
|      | May        | 163.91            | 190.00           | 153.30           | 165.43             | 1.3        | 3.0           | 10.4           | 2.2                        | 16.5       | 20.1          | 25.5       | 17.6                       |
|      | July       | 165.28            | 191.38           | 153.81           | 166.73             | 0.8        | 0.7           | 0.3            | 0.7                        | 14.3       | 17.0          | 20.5       | 15.1                       |
|      | Jul        | 166.14            | 180.59           | 152.93           | 166.32             | -0.5       | -5.6          | -0.6           | -0.2                       | 13.9       | 10.1          | 16.1       | 13.6                       |
|      | Aug        | 168.03            | 182.28           | 153.96           | 168.12             | 1.1        | 0.9           | 0.7            | 1.1                        | 13.5       | 13.4          | 15.7       | 13.7                       |
|      | Sep        | 168.47            | 182.66           | 152.55           | 168.47             | 0.3        | 0.0           | -0.5           | 0.2                        | 9.9        | 3.9           | 14.4       | 9.6                        |
|      | Oct        | 168.75            | 184.73           | 158.10           | 169.24             | 0.1        | 1.1           | 3.6            | 0.5                        | 8.6        | 1.6           | 13.5       | 8.2                        |
|      | Nov        | 169.16            | 183.96           | 156.68           | 169.44             | 0.3        | -0.4          | -0.9           | 0.1                        | 8.5        | 2.5           | 12.5       | 8.2                        |
| 2019 | Dec        | 169.45            | 187.02<br>192.84 | 158.85           | 170.17             | 0.2<br>0.6 | 1.7<br>3.1    | ■ 1.4<br>■-3.1 | 0.4<br>0.6                 | 8.3        | 3.4<br>6.4    | 11.4       | 8.0<br>7.7                 |
| 2019 | Jan<br>Feb | ■170.54<br>170.96 | 192.64           | 153.98<br>149.93 | 171.15<br>171.03   | 0.6        | 0.3           | -3.1<br>-0.8   | 0.6                        | 7.9<br>7.5 | 6.3           | 8.0<br>6.4 | 7.7<br>7.2 =               |
|      | Mar        | 170.90            | 193.12           | 151.43           | 171.88             | 0.3        | 0.3           | -0.6           | 0.2                        | 7.5        | 3.6           | 5.5        | 7.2                        |
|      | Apr        | 171.07            | 193.12           | 151.43           | 171.68             | 0.4        | 0.4           | 0.0            | 0.4                        | 6.6        | 5.1           | 9.4        | 6.6                        |
|      | May        | 173.68            | 196.31           | 154.41           | 174.09             | 0.7        | 1.2           | 1.6            | 0.8                        | 5.8        | 3.3           | 0.7        | 5.1                        |
|      | Jun        | 174.07            | 196.64           | 152.22           | 174.24             | 0.2        | 0.2           | -1.7           | 0.1                        | 5.3        | 2.8           | -1.6       | 4.5                        |
|      | July       | 174.26            | 197.12           |                  | 174.48             | 0.1        | 0.2           | 0.3            | 0.1                        | 4.9        | 9.2           | -0.2       | 4.9                        |
|      | Source: CP | I Unit/Econo      | mic Section      | /Central St      | atistics Departmen | ıt.        |               |                |                            |            |               |            | _                          |

ANNEX 1: Somaliland Consumer Price Index (CPI) by COICOP Division: (Jan-Dec 2012) = 100

| Div. | PARTICULARS  | Weight              | July-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
|------|--|---------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Head | ine (all items index)  | 1,000.000           | 166.31  | 168.12 | 168.47 | 169.24 | 169.44 | 170.16 | 171.15 | 171.44 | 171.92 | 172.68 | 174.05 | 174.24 | 174.48  |
| 01   | Food and Non-Alcoholic Beverages   | 417.57              | 176.17  | 176.94 | 178.30 | 179.90 | 180.05 | 180.23 | 181.73 | 181.82 | 183.36 | 185.11 | 187.29 | 187.32 | 187.87  |
| 02   | Alcoholic Beverages,<br>Tobacco & Narcotics                              | 45.57               | 172.37  | 200.67 | 193.30 | 183.55 | 183.07 | 186.64 | 192.98 | 196.10 | 196.10 | 196.10 | 198.51 | 196.17 | 201.96  |
| 03   | Clothing And Footwear  | 57.33               | 166.08  | 166.57 | 167.37 | 167.95 | 167.99 | 169.83 | 172.03 | 171.89 | 172.40 | 172.65 | 173.90 | 173.95 | 175.55  |
| 04   | Housing, Water,<br>Electricity, Gas and other<br>Fuels                   | 141.02              | 175.42  | 176.08 | 176.40 | 179.53 | 179.20 | 180.53 | 177.41 | 177.83 | 177.13 | 177.13 | 178.19 | 178.91 | 187.87  |
| 05   | Furnishings, Household<br>Equipment and Routine<br>Household Maintenance | 55.49               | 175.42  | 148.20 | 149.23 | 150.31 | 151.90 | 152.57 | 153.60 | 156.06 | 155.78 | 155.84 | 156.95 | 157.38 | 178.70  |
| 06   | Health   | 25.55               | 148.02  | 169.35 | 169.49 | 169.49 | 169.50 | 169.52 | 170.21 | 170.10 | 169.64 | 169.75 | 170.12 | 170.47 | 170.12  |
| 07   | Transport  | 88.51               | 122.05  | 122.05 | 121.59 | 122.24 | 121.98 | 123.10 | 122.84 | 120.88 | 120.64 | 120.68 | 121.07 | 121.55 | 121.43  |
| 08   | Communication  | 29.93               | 180.90  | 180.90 | 181.06 | 181.56 | 181.48 | 181.72 | 185.50 | 186.76 | 186.09 | 186.09 | 186.09 | 186.58 | 185.87  |
| 09   | Recreation and Culture   | <mark>22.4</mark> 6 | 151.86  | 151.86 | 151.97 | 151.71 | 152.18 | 152.26 | 153.99 | 154.81 | 152.16 | 152.38 | 152.03 | 150.29 | 148.61  |
| 10   | Education  | 36.88               | 150.43  | 150.43 | 150.43 | 149.10 | 149.10 | 149.46 | 149.46 | 149.46 | 149.46 | 149.46 | 149.46 | 149.46 | 149.46  |
| 11   | Restaurants and Hotels   | 33.52               | 160.32  | 160.45 | 161.81 | 162.11 | 163.87 | 163.87 | 166.73 | 166.64 | 167.81 | 167.81 | 168.04 | 168.04 | 165.96  |
| 12   | Miscellaneous Goods and Services   | 46.25               | 163.65  | 164.70 | 163.68 | 163.50 | 165.04 | 165.70 | 167.84 | 168.45 | 168.51 | 168.51 | 168.97 | 170.13 | 169.66  |

ANNEX 2: Somaliland Consumer Price Indices and Inflation Rates for Food & Non-Food (July\_ 2018– July\_ 2019)
GROUP Weights

|                    | J         |         |        |        |        |        |        |        |        |        |        |        |        |         |
|--------------------|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|                    |           | July-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
| Headline Index     | 1000.0000 | 166.31  | 168.12 | 168.47 | 169.24 | 169.44 | 170.16 | 171.16 | 171.44 | 171.92 | 172.68 | 174.05 | 174.24 | 174.48  |
| Food               | 387.0796  | 174.74  | 175.51 | 176.85 | 176.85 | 178.74 | 178.94 | 180.55 | 180.65 | 182.31 | 184.19 | 186.55 | 186.59 | 187.18  |
| Non - Food         | 612.9204  | 160.99  | 163.45 | 163.18 | 163.18 | 163.57 | 164.63 | 165.23 | 165.62 | 165.36 | 165.41 | 166.16 | 166.32 | 166.46  |
|                    |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Monthly % Change   | 9         |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Headline           |           | -0.2    | 1.1    | 0.2    | 0.5    | 0.1    | 0.4    | 0.6    | 0.2    | 0.3    | 0.4    | 8.0    | 0.1    | 0.1     |
| Food               |           | -0.3    | 0.4    | 8.0    | 0.0    | 1.1    | 0.1    | 0.9    | 0.1    | 0.9    | 1.0    | 1.3    | 0.02   | 0.02    |
| Non - Food         |           | -0.2    | 1.5    | -0.2   | 0.0    | 0.2    | 0.6    | 0.4    | 0.2    | -0.2   | 0.0    | 0.5    | 0.1    | 0.1     |
|                    |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Annual %<br>Change |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Headline           |           | 13.6    | 13.7   | 9.6    | 8.2    | 8.2    | 8.0    | 7.7    | 7.2    | 7.0    | 6.6    | 5.1    | 4.5    | 4.9     |
| Food               |           | 9.6     | 10.2   | 8.4    | 6.0    | 7.3    | 7.7    | 7.9    | 7.3    | 7.6    | 6.2    | 5.6    | 6.4    | 7.1     |
| Non - Food         |           | 16.6    | 16.2   | 10.4   | 8.8    | 8.8    | 8.1    | 7.6    | 7.2    | 6.7    | 7.0    | 4.9    | 3.1    | 3.4     |
|                    |           |         |        |        |        |        |        |        |        |        |        |        |        |         |

ANNEX 3: Somaliland Monthly Inflation by COICOP Divisions (July\_2018- July\_2019).

|      |  | July-18  | Aug-18   | Sep-18   | Oct-18 | Nov-18       | Dec-18   | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
|------|--|----------|----------|----------|--------|--------------|----------|--------|--------|--------|--------|--------|--------|---------|
|      |  | <u>~</u> | <b>∞</b> | <b>∞</b> | 8      | <b>&amp;</b> | <b>∞</b> | 9      | 9      | 9      | 9      | 9      | 9      | 9       |
| Div. | PARTICULARS  |          |          |          |        |              |          |        |        |        |        |        |        |         |
|      | Headline   | -0.2     | 1.1      | 0.2      | 0.5    | 0.1          | 0.4      | 0.6    | 0.2    | 0.3    | 0.4    | 8.0    | 0.1    | -0.1    |
| 01   | Food and Non-Alcoholic Beverages   | -0.2     | 0.4      | 8.0      | 0.9    | 0.1          | 0.1      | 8.0    | 0.0    | 8.0    | 1.0    | 1.2    | 0.0    | 0.3     |
| 02   | Alcoholic Beverages, Tobacco & Narcotics                                 | 0.1      | 16.4     | -3.7     | -5.0   | -0.3         | 1.9      | 3.4    | 1.6    | 0.0    | 0.0    | 1.2    | -1.2   | 2.9     |
| 03   | Clothing And Footwear  | 0.5      | 0.3      | 0.5      | 0.3    | 0.0          | 1.1      | 1.3    | -0.1   | 0.3    | 0.1    | 0.7    | 0.0    | 0.9     |
| 04   | Housing, Water, Electricity, Gas and other Fuels                         | -0.5     | 0.4      | 0.2      | 1.8    | -0.2         | 0.7      | -1.7   | 0.2    | -0.4   | 0.0    | 0.6    | 0.4    | 5.0     |
| 05   | Furnishings, Household Equipment<br>and Routine Household<br>Maintenance | 19.7     | -15.5    | 0.7      | 0.7    | 1.1          | 0.4      | 0.7    | 1.6    | -0.2   | 0.0    | 0.7    | 0.3    | 13.5    |
| 06   | Health   | -12.3    | 14.4     | 0.1      | 0.0    | 0.0          | 0.0      | 0.4    | -0.1   | -0.3   | 0.1    | 0.2    | 0.2    | -0.2    |
| 07   | Transport  | -2.4     | 0.0      | -0.4     | 0.5    | -0.2         | 0.9      | -0.2   | -1.6   | -0.2   | 0.0    | 0.3    | 0.4    | -0.1    |
| 08   | Communication  | 0.0      | 0.0      | 0.1      | 0.3    | 0.0          | 0.1      | 2.1    | 0.7    | -0.4   | 0.0    | 0.0    | 0.3    | -0.4    |
| 09   | Recreation and Culture   | 0.0      | 0.0      | 0.1      | -0.2   | 0.3          | 0.1      | 1.1    | 0.5    | -1.7   | 0.1    | -0.2   | -1.1   | -1.1    |
| 10   | Education  | 0.0      | 0.0      | 0.0      | -0.9   | 0.0          | 0.2      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     |
| 11   | Restaurants and Hotels   | -0.1     | 0.1      | 8.0      | 0.2    | 1.1          | 0.0      | 1.7    | -0.1   | 0.7    | 0.0    | 0.1    | 0.0    | -1.2    |
| 12   | Miscellaneous Goods and Services   | -0.3     | 0.6      | -0.6     | -0.1   | 0.9          | 0.4      | 1.3    | 0.4    | 0.0    | 0.0    | 0.3    | 0.7    | -0.3    |

ANNEX 4: Somaliland Annual Inflation by COICOP Divisions (July\_2018- July\_ 2019).

| Div      | PARTICULARS  | July-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
|----------|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|          | Headline   | 13.6    | 13.7   | 9.6    | 8.2    | 8.2    | 8.0    | 7.7    | 7.2    | 7.0    | 6.6    | 5.1    | 4.5    | 4.9     |
| 01       | Food and Non-Alcoholic<br>Beverages                                      | 9.5     | 10.4   | 9.3    | 8.0    | 8.0    | 8.7    | 9.1    | 8.4    | 7.4    | 6.4    | 5.8    | 6.1    | 6.6     |
| 02       | Alcoholic Beverages, Tobacco & Narcotics                                 | 3.0     | 18.9   | -21.1  | -24.7  | -5.9   | -1.0   | -2.9   | -0.5   | 8.8    | 13.2   | 16.1   | 13.9   | 17.2    |
| 03       | Clothing and Footwear  | 20.5    | 20.4   | 19.1   | 17.5   | 14.6   | 12.3   | 14.2   | 13.7   | 13.7   | 9.9    | 6.9    | 5.3    | 5.7     |
| 04       | Housing, Water, Electricity,<br>Gas and other Fuels                      | 13.6    | 10.4   | 8.7    | 7.9    | 8.1    | 7.0    | 5.0    | 4.7    | 4.3    | 5.7    | 3.4    | 1.5    | 7.1     |
| 05       | Furnishings, Household<br>Equipment and Routine<br>Household Maintenance | 33.2    | 10.4   | 11.2   | 10.5   | 10.4   | 9.8    | 10.4   | 12.5   | 11.6   | 8.5    | 7.2    | 7.4    | 1.9     |
| 06       | Health   | -4.7    | 7.9    | 7.7    | 7.5    | 5.2    | 4.9    | 4.5    | 3.4    | 4.8    | 1.8    | 0.9    | 1.0    | 14.9    |
| 07<br>08 | Transport  | 28.0    | 22.6   | 19.8   | 16.6   | 5.3    | 6.3    | 5.8    | 2.8    | 1.7    | 6.9    | -1.2   | -2.8   | -0.5    |
| 09       | Communication  | 34.3    | 32.9   | 32.1   | 31.2   | 25.0   | 24.3   | 18.8   | 19.4   | 17.3   | 9.4    | 9.2    | 3.1    | 2.7     |
| 10       | Recreation and Culture   | 16.3    | 11.6   | 8.5    | 7.3    | 5.7    | 5.5    | 7.1    | 6.6    | 3.7    | 4.3    | 1.5    | -1.0   | -2.1    |
| 11       | Education  | 18.8    | 16.6   | 11.6   | 9.5    | 3.9    | 3.9    | 3.0    | 3.0    | 3.0    | -0.2   | -0.6   | -0.6   | -0.6    |
| 12       | Restaurants and Hotels Miscellaneous Goods and                           | 33.6    | 31.5   | 32.8   | 33.8   | 30.6   | 5.8    | 6.5    | 6.6    | 6.6    | 5.4    | 5.0    | 4.7    | 3.5     |
|          | Services   | 15.8    | 14.9   | 11.0   | 9.2    | 4.2    | 6.9    | 7.9    | 4.9    | 4.1    | 7.2    | 5.3    | 3.6    | 3.7     |

ANNEX 5: Somaliland Consumer Price Index (CPI) and Annual Inflation for Food Crops, Other Goods, Services an Energy Fuel & Utilities:

|                              | Weights   |         |        |        |        |        |        |        |        |        |        |        |        |         |
|------------------------------|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Group                        |           | July-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
| Headline Index               | 1000.0000 | 166.31  | 168.12 | 168.47 | 169.24 | 169.44 | 170.16 | 171.15 | 171.44 | 171.92 | 172.68 | 174.05 | 174.24 | 174.48  |
| Food Crops and Related Items | 95.33     | 180.59  | 182.28 | 182.66 | 184.73 | 183.96 | 186.98 | 192.84 | 192.34 | 193.12 | 193.98 | 196.31 | 196.64 | 197.12  |
| Other Goods                  | 629.71    | 171.24  | 173.69 | 174.25 | 174.39 | 174.90 | 175.09 | 176.37 | 177.00 | 177.84 | 178.91 | 180.42 | 180.91 | 181.44  |
| Services                     | 184.37    | 148.68  | 148.70 | 149.22 | 149.13 | 149.58 | 150.16 | 150.52 | 150.81 | 150.59 | 150.59 | 150.66 | 150.73 | 149.71  |
| Energy Fuel and Utilities    | 90.59     | 152.93  | 153.96 | 152.55 | 158.10 | 156.68 | 158.85 | 153.98 | 152.72 | 151.88 | 151.92 | 154.00 | 152.22 | 152.64  |
|                              |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Monthly % Change             |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Headline                     |           | -0.2    | 1.1    | 0.2    | 0.5    | 0.1    | 0.4    | 0.6    | 0.2    | 0.3    | 0.4    | 0.8    | 0.1    | 0.1     |
| Food Crops and               |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Related Items                |           | -5.6    | 0.9    | 0.2    | 1.1    | -0.4   | 1.6    | 3.1    | -0.3   | 0.4    | 0.4    | 1.2    | 0.2    | 0.2     |
| Other Goods                  |           | 0.7     | 1.4    | 0.3    | 0.1    | 0.3    | 0.1    | 0.7    | 0.4    | 0.5    | 0.6    | 8.0    | 0.3    | 0.3     |
| Services                     |           | -0.2    | 0.0    | 0.3    | -0.1   | 0.3    | 0.4    | 0.2    | 0.2    | -0.1   | 0.0    | 0.0    | 0.1    | -0.7    |
| Energy Fuel and Utilities    |           | -0.6    | 0.7    | -0.9   | 3.6    | -0.9   | 1.4    | -3.1   | -0.8   | -0.6   | 0.0    | 1.4    | -1.2   | 0.3     |
|                              |           |         |        |        |        | 100    |        |        |        |        |        |        |        |         |
| Annual % Change              |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Headline                     |           | 13.6    | 13.7   | 9.6    | 8.2    | 8.2    | 8.0    | 7.7    | 7.2    | 7.0    | 6.6    | 5.1    | 4.5    | 4.9     |
| Food Crops and Related Items |           | 10.1    | 13.4   | 3.9    | 1.6    | 2.5    | 3.4    | 6.4    | 6.3    | 3.6    | 5.1    | 3.3    | 2.8    | 9.2     |
| Other Goods                  |           | 11.1    | 11.7   | 7.6    | 6.3    | 8.0    | 8.8    | 8.6    | 8.2    | 8.6    | 7.0    | 6.7    | 6.4    | 6.0     |
| Services                     |           | 26.1    | 21.3   | 20.1   | 18.3   | 10.5   | 6.2    | 4.8    | 4.5    | 3.8    | 4.9    | 2.3    | 1.2    | 0.7     |
| Energy Fuel and              |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Utilities                    |           | 16.1    | 15.7   | 14.4   | 13.5   | 12.5   | 11.1   | 8.0    | 6.4    | 5.8    | 9.4    | 0.5    | -1.0   | -0.2    |

ANNEX 6: Somaliland Consumer Price Indices and for Annual Food Class Inflation (July\_ 2018– July\_ 2019) = 100

|   |           | July-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | July-19 |
|---|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Headline Index                            | 1000.0000 | 166.31  | 168.12 | 168.47 | 169.24 | 169.44 | 170.16 | 171.16 | 171.44 | 171.92 | 172.68 | 174.05 | 174.24 | 174.48  |
| Food Headline<br>Annual Inflation         | 387.1043  | 9.6     | 10.2   | 8.4    | 6.0    | 7.3    | 7.7    | 7.9    | 7.3    | 7.6    | 6.2    | 5.5    | 6.4    | 7.1     |
|   |           |         |        |        |        |        |        |        |        |        |        |        |        |         |
| Bread and<br>cereals                      |           | 9.8     | 7.6    | 8.2    | 6.3    | 6.8    | 7.2    | 7.5    | 7.9    | 11.3   | 10.1   | 7.2    | 9.5    | 7.3     |
| Meat                                      |           | 1.8     | 4.6    | 12.4   | 10.8   | 9.9    | 18.1   | 15.1   | 14.9   | 19.2   | 14.9   | 14.3   | 22.1   | 19.1    |
| Fish and Sea<br>Food                      |           | 17.1    | 17.0   | 19.3   | 14.4   | 9.5    | 7.8    | 8.3    | -7.1   | -2.3   | 16.3   | 2.4    | 5.5    | 5.1     |
| Milk, cheese and eg                       | gs .      | 12.0    | 12.1   | 12.0   | 14.0   | 19.0   | 13.1   | 13.5   | 9.3    | 13.2   | 3.1    | 7.8    | 7.6    | 4.5     |
| Oils and Fats                             |           | 18.1    | 15.2   | 15.9   | 7.4    | 5.6    | 6.9    | 8.6    | 4.9    | 2.6    | 3.9    | 6.8    | 4.0    | 4.3     |
| Fruits                                    |           | 7.7     | 10.8   | 9.2    | 3.7    | 2.4    | 5.2    | 6.0    | 6.6    | 2.0    | 1.8    | 3.7    | 1.3    | 8.0     |
| Vegetables                                |           | 12.1    | 15.5   | 0.0    | 0.0    | 2.5    | 2.1    | 6.6    | 6.0    | 4.9    | 7.9    | 3.0    | 3.9    | 10.1    |
| Sugar, jam,                               |           |         |        |        |        | 100    |        |        |        |        |        |        |        |         |
| honey,<br>chocolate, and<br>confectionery |           | 6.6     | 4.7    | 2.6    | 2.6    | 0.7    | -1.0   | -4.9   | -3.3   | -0.2   | -0.2   | -0.2   | -5.2   | -5.2    |
| Food Products n.e.c.                      |           | 14.7    | 15.7   | 11.0   | 11.0   | 7.4    | 5.1    | 4.0    | 4.4    | -4.0   | -3.0   | -3.8   | -4.2   | -1.9    |
| and the second                            |           | 1       |        |        |        |        |        |        |        |        |        |        |        |         |
| Food Headline<br>Monthly Inflation        |           | -0.3    | 0.4    | 0.8    | 1.0    | 0.1    | 0.1    | 0.9    | 0.1    | 0.9    | 1.0    | 1.3    | 0.02   | 0.3     |