# Market Update



March 2018 Update (Issued April 20, 2018)

#### **Highlights**

#### Inflation:

SoSh (Somali shilling)-using areas: Consumer Price Index (CPI) remained relatively stable or changed mildly (+/- 3%) in March 2018. CPI rose (by 3%) annually in Northeast due to increases in cereal prices but declined in central and southern Somalia due to declines in cereal prices.

SISh (Somaliland shilling)-using areas: CPI remain stable in March 2018 but increased (16%) compared to last year due to higher cereal prices this year.

#### **Exchange rate:**

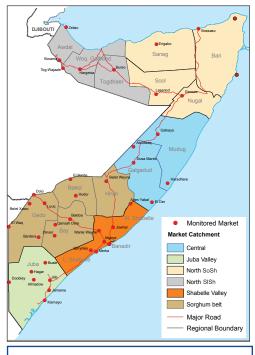
SoSh-using areas: The exchange rates between SoSh and the United States Dollar (USD) remained relatively stable or changed mildly (+/- 6%) against USD in most regions of the country month-on-month in March 2018. Annual comparison mostly exhibited mixed patterns; SoSh gaining value in Central and Hiraan regions with the highest appreciation (14%) being recorded in Hiraan as markets are abandoning the use of newly printed notes in favor of stronger pre-war old notes (less available in the local markets). Annual depreciations were recorded in the remaining regions.

SISh-using areas: The SISh depreciated mildly (2%) against the USD in March 2018 while year-on-year comparison indicates high depreciation of 29 percent due to increased supply of newly printed local currency notes and a decline in the availability of USD due to reduced livestock exports and export revenue.

**Local cereal** prices changed mildly (+/- 10%) in most regions of the country month-on-month in March 2018. Annual comparison indicates lower prices in most regions due to increased supply following improved cereal production during *Deyr* 2017/18.

**Prices of imported food** (rice, sugar, vegetable oil, wheat flour) mostly exhibited relative stability or mild monthly changes (+/-10%) in local currency terms in March 2018 across Somalia. Similarly, compared to one year ago, prices exhibited mild changes in most regions of the country except Somaliland where prices of most food imports increased (17-31%) compared to a year ago as well as the 5 year average due to depreciation of local currency against USD.

**Livestock prices** for local quality goat and camel exhibited mild changes (-/+10%) in March 2018 in most regions of the country. Compared to a year ago (March 2017), most regions exhibited increases in goat and camel prices due to improved body conditions as a result of better rainfall performance this year which increased water availability and pasture. Similarly, Milk prices (camel and cattle) mostly exhibited mild changes (less than +/-10%) in most regions of the country month-on-month in March 2018. On the other hand, milk prices (mainly camel) increased from moderate to high levels when compared to last year in most regions of the country due to less milk supply because of low calving (big ruminants) resulting from less conception in previous seasons.



This Market Update is a monthly report that presents analysis of market information and is produced regularly as part of the monthly monitoring process.

The weekly price data is collected from 46 main markets and 25 rural markets throughout Somalia since 1995.

Market analysis is an integral part of all of FSNAU's annual food security projections and seasonal technical reports (Technical Reports on FSNAU Post *Gu* and Post *Deyr* Analysis).

Detailed market data are available online on www. fsnau.org/ids.

**Labor (unskilled) wages** changed mildly (by less than +/-10%) in most regions of the country in March 2018. Compared to a year ago (March 2017), labor wages mostly exhibited increases in most regions of the country; this could be attributed to improved agricultural labor opportunities following the start of Gu rains in March.

**Terms of Trade (ToT)** between daily labor wage and cereals remained relatively stable or changed mildly in most regions of the country in March 2018. Annual comparison indicates higher ToT between daily labor and cereals in most regions due to increases labor wages and/or decrease in cereal prices. The ToT between local quality goat and cereals mostly exhibited mild changes (+/- 1-10%) in most regions of the country in March 2018. Compared to a year ago (March 2017), the ToT between goat and cereals were higher across the country due to increased goat prices and/or decrease in cereal prices this year.

#### Siege-affected towns (Bulo-Burto, Wajid, Dinsor and Hudur)

Labor (unskilled) wages in March 2018 mildly changed in in siege affected markets. Compared to a year ago, labor wages increased due to increased opportunities from loading and off-loading activities because of increased humanitarian assistance distribution and increased agricultural activities in the surrounding rural areas. Terms of Trade (ToTs) between daily labor wage and cereals and between local quality goat and cereals either remained relatively stable or changed at mild rates in March 2018 in all the markets. Annual comparison indicates higher ToTs in these markets due to increase in goat prices, daily labor wage and/or decrease in cereal prices compared to year ago.

**Local grain (red and white sorghum)** prices remained stable in Bulo-Burto and Wajid, increased in Hudur (11%) but declined in Dinsor (12%) in March 2018. Compared to a year ago, local grain prices have mostly decreased due to increased supply from improved *Deyr* 2017 cereal production and humanitarian distribution

**Prices of imported food items** (rice, sugar, vegetable oil, wheat flour) changed (+/-) at mild rates for most of the food imports in all siege affected markets in March 2018. On the other hand, compared to a year ago, prices of most food imports declined in these markets due to increased supply from humanitarian distribution.

#### National Trends: CPI, Exchange Rates, Cereal Prices and Relative Purchasing Power

Table 1: ToT betwen Daily Labour Wage Rate and Cereals by Region March 2018

|                                 |               | K                | g change      | from                                   |
|---------------------------------|---------------|------------------|---------------|--|
| Regions                         | March<br>2018 | February<br>2018 | March<br>2017 | March 5 yr<br>Average<br>(2013 - 2017) |
| Banadir/Mogadishu (White maize) | 12            | -2               | 4             | -8                                     |
| Bay (Red sorghum)               | 16            | 3                | 7             | -3                                     |
| Bakool (Red sorghum)            | 4             | -1               | 1             | -1                                     |
| Gedo (Red sorghum)              | 12            | -1               | 3             | -2                                     |
| Juba (White maize)              | 13            | 0                | 5             | 3                                      |
| Shabelle (White maize)          | 10            | 1                | 2             | 1                                      |
| Northwest (Imported Rice)       | 13            | 0                | 1             | 3                                      |
| Northeast (Imported Rice)       | 8             | 0                | 0             | 0                                      |
| Central (Imported Rice)         | 6             | 0                | 1             | 1                                      |

Figure 2: Terms of Trade Between Wage Rates and Selected Cereals

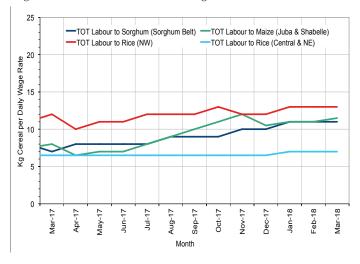


Figure 4: Monthly Trends in Consumer Price Index (CPI, March 2007=100)

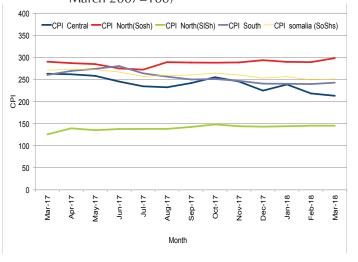


Figure 1: Wheat Prices: Mogadishu and Bossaso Markets

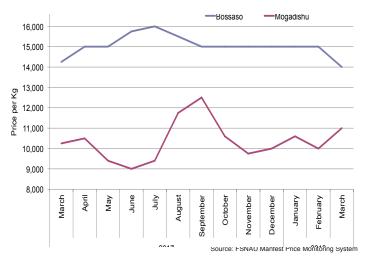


Figure 3: Monthly Exchange Rate for Selected Regions (SoSh and SISh to USD)

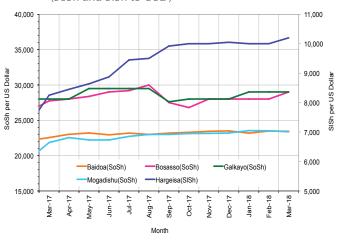
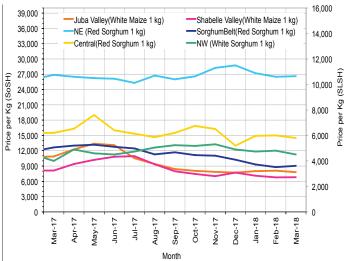


Figure 5: Monthly Trends in Local Cereal Prices



## Regional analysis: Juba Regions

| Indicator                               | 5-Year<br>Average<br>(2013-2017) | Mar-17    | Feb-18     | Mar-18<br>Nominal<br>Price | Mar-18 Real<br>(Deflated)<br>Price | % Change<br>Previous<br>Month | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|----------------------------------|-----------|------------|----------------------------|------------------------------------|-------------------------------|---|--|
| Imported Commodities Prices             |                                  |           |            |                            |                                    |                               |   |  |
| Diesel 1 litre                          | 23,707                           | 22,266    | 20,938     | 21,250                     | 8,657                              | 1%                            | -5%                                     | -10%                                   |
| Imported Red Rice 1kg                   | 15,129                           | 16,375    | 16,188     | 16,250                     | 6,596                              | 0%                            | -1%                                     | 7%                                     |
| Petrol 1 litre                          | 25,442                           | 24,250    | 22,938     | 23,313                     | 9,507                              | 2%                            | -4%                                     | -8%                                    |
| Sugar                                   | 15,861                           | 18,250    | 16,188     | 16,375                     | 6,648                              | 1%                            | -10%                                    | 3%                                     |
| Vegetable Oil 1 litre                   | 29,948                           | 29,500    | 27,781     | 28,000                     | 11,438                             | 1%                            | -5%                                     | -7%                                    |
| Wheat Flour 1kg                         | 14,965                           | 15,906    | 15,625     | 15,219                     | 6,171                              | -3%                           | -4%                                     | 2%                                     |
| Wheat Grain 1kg                         | -                                | -         | -          | -                          | -                                  | -                             | -                                       | -                                      |
| Cereal Prices                           |                                  |           |            |                            |                                    |                               |   |  |
| Red Sorghum 1kg                         | 8,361                            | 9,808     | 8,867      | 9,792                      | 3,935                              | 10%                           | 0%                                      | 17%                                    |
| White Maize 1kg                         | 8,965                            | 10,881    | 8,094      | 7,797                      | 3,113                              | -4%                           | -28%                                    | -13%                                   |
| Livestock & Livestock Product Prices    |                                  |           |            |                            |                                    |                               |   |  |
| Camel Local Quality (Head)              | 9,103,715                        | 8,718,750 | 11,482,143 | 11,459,375                 | 4,722,041                          | 0%                            | 31%                                     | 26%                                    |
| Cattle Local Quality (Head)             | 3,573,336                        | 2,503,929 | 3,000,000  | 3,175,000                  | 1,308,243                          | 6%                            | 27%                                     | -11%                                   |
| Fresh Camel Milk 1 litre                | 19,015                           | 18,406    | 19,656     | 20,906                     | 8,515                              | 6%                            | 14%                                     | 10%                                    |
| Goat Export Quality (Head)              | 1,213,716                        | 917,500   | 1,348,438  | 1,392,188                  | 573,588                            | 3%                            | 52%                                     | 15%                                    |
| Goat Local Quality (Head)               | 786,381                          | 576,875   | 790,000    | 807,813                    | 332,781                            | 2%                            | 40%                                     | 3%                                     |
| Other Essential Items                   |                                  |           |            |                            |                                    |                               |   |  |
| Charcoal 50kg                           | 85,597                           | 81,094    | 85,375     | 84,375                     | 34,669                             | -1%                           | 4%                                      | -1%                                    |
| Cowpeas 1 kg                            | 22,653                           | 24,406    | 32,656     | 26,594                     | 10,859                             | -19%                          | 9%                                      | 17%                                    |
| Unskilled Labor Wage Rate               | 91,451                           | 82,500    | 105,000    | 102,500                    | 42,138                             | -2%                           | 24%                                     | 12%                                    |
| Firewood Bundle                         | 7,695                            | 6,281     | 7,844      | 7,734                      | 3,087                              | -1%                           | 23%                                     | 1%                                     |
| Local Sesame Oil 1 litre                | 65,194                           | 58,719    | 58,875     | 55,750                     | 22,873                             | -5%                           | -5%                                     | -14%                                   |
| Exchange Rate (Somali Shilling per USD) | 20,627                           | 21,813    | 23,800     | 23,975                     | 9,780                              | 1%                            | 10%                                     | 16%                                    |
| Terms of Trade                          |                                  |           |            |                            |                                    |                               |   |  |
| Labour Wage (Daily)/ Cereal (Maize(Kg)  | 10                               | 8         | 13         | 13                         | -                                  | 0%                            | 63%                                     | 30%                                    |
| Local Goat (Head)/ Cereal (Maize(Kg)    | 90                               | 53        | 98         | 110                        | -                                  | 12%                           | 108%                                    | 22%                                    |
| Price Indices                           |                                  |           |            |                            |                                    |                               |   |  |
| Consumer Price Index                    | -                                | 260       | 240        | 243                        | -                                  | 1%                            | -7%                                     | -                                      |

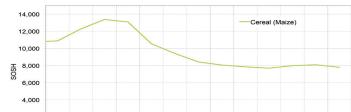


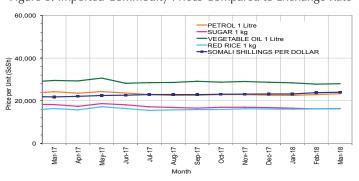
Figure 6: Trends in Cereal Prices

Figure 8: Imported Commodity Prices Compared to Exchange Rate

Oct-17 Nov-17

Apr-17

Jun-17 Jul-17 Aug-17



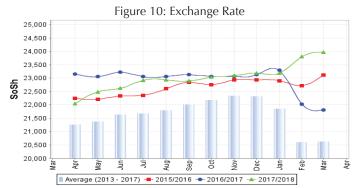


Figure 7: Trends in Wage Rates and Relative Purchasing Power

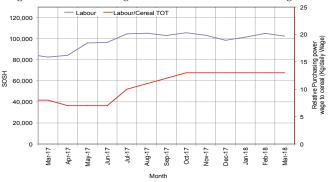
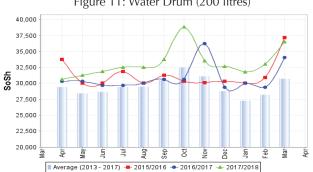


Figure 9: Goat Local Quality



Figure 11: Water Drum (200 litres)



#### Regional analysis: Sorghum Belt Regions (Bay, Bakool, Gedo and Hiran)

| Indicator   | 5-Year<br>Average<br>(2013-2017) | Mar-17    | Feb-18     | Mar-18<br>Nominal<br>Price | Mar-18 Real<br>(Deflated)<br>Price | % Change<br>Previous<br>Month | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|----------------------------------|-----------|------------|----------------------------|------------------------------------|-------------------------------|---|--|
| Imported Commodities Prices                             |                                  |           |            |                            |                                    |                               |   |  |
| Diesel 1 litre  | 26,746                           | 24,271    | 24,771     | 25,042                     | 10,219                             | 1%                            | 3%                                      | -6%                                    |
| Imported Red Rice 1kg                                   | 17,763                           | 19,125    | 18,729     | 18,875                     | 7,678                              | 1%                            | -1%                                     | 6%                                     |
| Petrol 1 litre  | 28,009                           | 27,521    | 26,833     | 27,021                     | 11,035                             | 1%                            | -2%                                     | -4%                                    |
| Sugar   | 19,126                           | 22,708    | 20,333     | 20,063                     | 8,167                              | -1%                           | -12%                                    | 5%                                     |
| Vegetable Oil 1 litre                                   | 37,647                           | 37,146    | 35,750     | 35,875                     | 14,683                             | 0%                            | -3%                                     | -5%                                    |
| Wheat Flour 1kg   | 17,128                           | 18,479    | 17,792     | 17,771                     | 7,223                              | 0%                            | -4%                                     | 4%                                     |
| Wheat Grain 1kg   | 16,398                           | 18,535    | 16,800     | 18,500                     | 7,523                              | 10%                           | 0%                                      | 13%                                    |
| Cereal Prices   |                                  |           |            |                            |                                    |                               |   |  |
| Red Sorghum 1kg   | 8,529                            | 12,586    | 9,105      | 9,350                      | 3,753                              | 3%                            | -26%                                    | 10%                                    |
| White Maize 1kg   | 9,431                            | 12,461    | 10,136     | 10,105                     | 4,064                              | 0%                            | -19%                                    | 7%                                     |
| Livestock & Livestock Product Prices                    |                                  |           |            |                            |                                    |                               | /                                       |  |
| Camel Local Quality (Head)                              | 11,490,472                       | 9,620,000 | 10,930,000 | 11,347,500                 | 4,675,940                          | 4%                            | 18%                                     | -1%                                    |
| Cattle Local Quality (Head)                             | 3,307,303                        | 2,141,071 | 2,530,357  | 2,507,143                  | 1,033,035                          | -1%                           | 17%                                     | -24%                                   |
| Fresh Camel Milk 1 litre                                | 20,422                           | 26,250    | 26,795     | 29,636                     | 12,112                             | 11%                           | 13%                                     | 45%                                    |
| Goat Export Quality (Head)                              | 1,492,082                        | 1,268,636 | 1,412,750  | 1,448,000                  | 596,587                            | 2%                            | 14%                                     | -3%                                    |
| Goat Local Quality (Head)                               | 858,080                          | 629,375   | 813,542    | 847,188                    | 349,006                            | 4%                            | 35%                                     | -1%                                    |
| Other Essential Items                                   | 440.507                          | 100.011   | 470 504    | 475 007                    | 70.407                             | 40/                           | 200/                                    | 000/                                   |
| Charcoal 50kg   | 146,587                          | 136,341   | 176,591    | 175,227                    | 72,107                             | -1%                           | 29%                                     | 20%                                    |
| Cowpeas 1 kg  | 24,169                           | 33,229    | 34,042     | 33,563                     | 13,731                             | -1%<br>1%                     | 1%                                      | 39%                                    |
| Unskilled Labor Wage Rate                               | 96,772                           | 86,458    | 94,167     | 95,167                     | 39,116                             |                               | 10%                                     | -2%                                    |
| Firewood Bundle   | 6,517                            | 6,083     | 5,667      | 5,688                      | 2,244                              | 0%<br>-1%                     | -6%<br>8%                               | -13%<br>11%                            |
| Local Sesame Oil 1 litre                                | 73,991                           | 76,250    | 83,528     | 82,361                     | 33,839                             |                               |   |  |
| Exchange Rate (Somali Shilling per USD)  Terms of Trade | 21,328                           | 23,590    | 23,288     | 23,703                     | 9,667                              | 2%                            | 0%                                      | 11%                                    |
| Labour Wage (Daily)/ Cereal (Rice (Kg)                  | 5                                | 5         | 5          | 5                          | _                                  | 0%                            | 0%                                      | 0%                                     |
|   | 48                               | 33        | 43         | 5<br>45                    |                                    | 0%<br>5%                      | 36%                                     | -6%                                    |
| Local Goat (Head)/ Cereal (Rice (Kg)                    | 40                               | 33        | 43         | 45                         | -                                  | 5%                            | 30%                                     | -0%                                    |
| Price Indices   |                                  | 200       | 0.10       | 0.40                       |                                    | 407                           | =0/                                     |  |
| Consumer Price Index                                    | -                                | 260       | 240        | 243                        | -                                  | 1%                            | -7%                                     | -                                      |

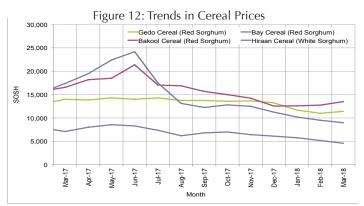


Figure 14: Imported Commodity Prices Compared to Exchange Rate

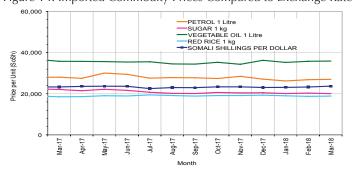


Figure 16: Exchange Rate



Figure 13:Trends in Wage Rates and Relative Purchasing Power

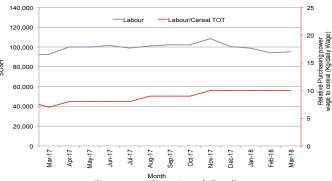


Figure 15: Goat Local Quality

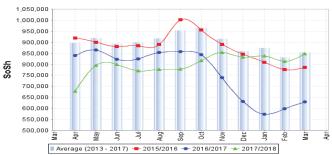


Figure 17: Water Drum (200 litres)



# Regional analysis: Shabelle Regions

| Indicator                               | 5-Year<br>Average | Mar-17     | Feb-18     | Mar-18<br>Nominal Price | Mar-18 Real<br>(Deflated) | % Change<br>Previous | % Change<br>Same Month | % Change 5-year avrg |
|---|-------------------|------------|------------|-------------------------|---------------------------|----------------------|------------------------|----------------------|
|   | (2013-2017)       |            |            | Nominal Price           | Price                     | Month                | Previous Year          | (2013-2017)          |
| Imported Commodities Prices             |                   |            |            |                         |                           |                      |                        |                      |
| Diesel 1 litre                          | 21,816            | 15,292     | 18,042     | 18,292                  | 7,438                     | 1%                   | 20%                    | -16%                 |
| Imported Red Rice 1kg                   | 15,483            | 15,875     | 15,875     | 16,167                  | 6,562                     | 2%                   | 2%                     | 4%                   |
| Petrol 1 litre                          | 25,061            | 19,083     | 20,000     | 19,708                  | 8,021                     | -1%                  | 3%                     | -21%                 |
| Sugar                                   | 16,408            | 18,167     | 16,292     | 16,167                  | 6,562                     | -1%                  | -11%                   | -1%                  |
| Vegetable Oil 1 litre                   | 26,570            | 27,833     | 29,500     | 28,292                  | 11,558                    | -4%                  | 2%                     | 6%                   |
| Wheat Flour 1kg                         | 15,033            | 14,583     | 13,958     | 13,875                  | 5,618                     | -1%                  | -5%                    | -8%                  |
| Wheat Grain 1kg                         | 17,833            | 19,500     | 16,500     | 16,500                  | 6,699                     | 0%                   | -15%                   | -7%                  |
| Cereal Prices                           |                   |            |            |                         |                           |                      |                        |                      |
| Red Sorghum 1kg                         | 9,511             | 9,906      | 8,433      | 8,710                   | 3,489                     | 3%                   | -12%                   | -8%                  |
| White Maize 1kg                         | 7,274             | 8,125      | 6,772      | 6,807                   | 2,705                     | 1%                   | -16%                   | -6%                  |
| Livestock & Livestock Product Prices    |                   |            |            |                         |                           |                      |                        |                      |
| Camel Local Quality (Head)              | 17,108,516        | 16,393,750 | 16,812,500 | 18,840,625              | 7,763,682                 | 12%                  | 15%                    | 10%                  |
| Cattle Local Quality (Head)             | 5,391,816         | 3,881,250  | 3,940,625  | 3,918,750               | 1,614,725                 | -1%                  | 1%                     | -27%                 |
| Fresh Camel Milk 1 litre                | 19,088            | 20,583     | 20,292     | 23,000                  | 9,378                     | 13%                  | 12%                    | 20%                  |
| Goat Export Quality (Head)              | 1,826,583         | 1,885,625  | 1,824,375  | 1,994,375               | 821,735                   | 9%                   | 6%                     | 9%                   |
| Goat Local Quality (Head)               | 1,326,688         | 1,355,833  | 1,307,500  | 1,337,083               | 550,881                   | 2%                   | -1%                    | 1%                   |
| Other Essential Items                   |                   |            |            |                         |                           |                      |                        |                      |
| Charcoal 50kg                           | 127,113           | 119,750    | 157,097    | 146,056                 | 60,086                    | -7%                  | 22%                    | 15%                  |
| Cowpeas 1 kg                            | 19,990            | 27,799     | 30,951     | 25,993                  | 10,611                    | -16%                 | -6%                    | 30%                  |
| Unskilled Labor Wage Rate               | 66,986            | 65,000     | 63,833     | 67,250                  | 27,612                    | 5%                   | 3%                     | 0%                   |
| Firewood Bundle                         | 6,227             | 5,333      | 6,250      | 6,875                   | 2,733                     | 10%                  | 29%                    | 10%                  |
| Local Sesame Oil 1 litre                | 56,036            | 49,125     | 57,375     | 56,125                  | 23,028                    | -2%                  | 14%                    | 0%                   |
| Exchange Rate (Somali Shilling per USD) | 20,705            | 22,554     | 23,429     | 23,479                  | 9,575                     | 0%                   | 4%                     | 13%                  |
| Terms of Trade                          |                   |            |            |                         |                           |                      |                        |                      |
| Labour Wage (Daily)/ Cereal (Maize(Kg)  | 9                 | 8          | 9          | 10                      | -                         | 11%                  | 25%                    | 11%                  |
| Local Goat (Head)/ Cereal (Maize(Kg)    | 188               | 167        | 193        | 196                     | -                         | 2%                   | 17%                    | 4%                   |
| Price Indices                           |                   |            |            |                         |                           |                      |                        |                      |
| Consumer Price Index                    | -                 | 260        | 240        | 243                     | _                         | 1%                   | -7%                    | -                    |

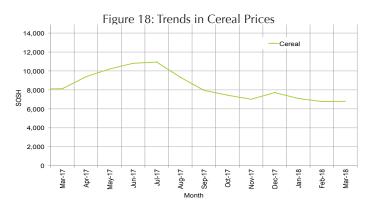
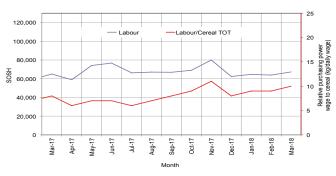
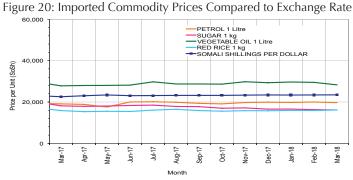
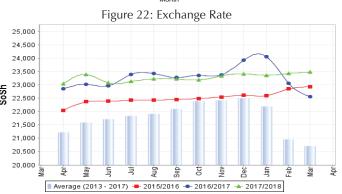


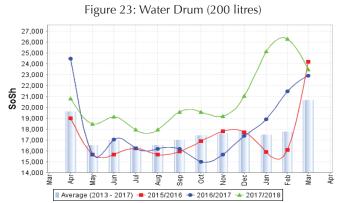
Figure 19: Trends in Wage Rates and Relative Purchasing Power









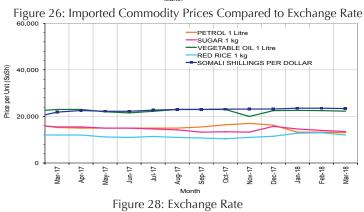


### Regional analysis: Banadir Region

| Indicator   | 5-Year<br>Average<br>(2013-2017)                          | Mar-17   | Feb-18   | Mar-18<br>Nominal<br>Price                               | Mar-18 Real<br>(Deflated)<br>Price                     | % Change<br>Previous<br>Month       | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|---|--|--|--|--|-------------------------------------|---|--|
| Imported Commodities Prices   |   |  |  |  |  |                                     |   |  |
| Diesel 1 litre<br>Imported Red Rice 1kg<br>Petrol 1 litre<br>Sugar<br>Vegetable Oil 1 litre   | 16,960<br>12,225<br>19,320<br>14,093<br>22,346            | 12,250<br>12,167<br>16,000<br>15,625<br>22,750           | 13,892<br>12,833<br>15,583<br>14,250<br>22,833           | 14,392<br>12,792<br>15,500<br>14,000<br>22,750           | 5,831<br>5,171<br>6,287<br>5,669<br>9,275              | 4%<br>0%<br>-1%<br>-2%<br>0%        | 17%<br>5%<br>-3%<br>-10%<br>0%          | -15%<br>5%<br>-20%<br>-1%<br>2%        |
| Wheat Flour 1kg<br>Wheat Grain 1kg  | 11,341<br>10,435  | 11,042<br>15,000   | 11,375<br>15,500   | 11,875<br>14,875   | 4,793<br>6,030   | 4%<br>-4%                           | 8%<br>-1%                               | 5%<br>43%                              |
| Cereal Prices   |   |  |  |  |  |                                     |   |  |
| Red Sorghum 1kg<br>White Maize 1kg  | 7,134<br>8,295  | 10,575<br>11,150   | 10,200<br>9,133  | 9,942<br>9,167   | 3,997<br>3,678   | -3%<br>0%                           | -6%<br>-18%                             | 39%<br>11%                             |
| Livestock & Livestock Product Prices  |   |  |  |  |  |                                     |   |  |
| Camel Local Quality (Head) Cattle Local Quality (Head) Fresh Camel Milk 1 litre   | -<br>-<br>22.846  | -<br>-<br>27,333   | -<br>-<br>26,833   | -<br>-<br>27,333   | -<br>-<br>11,163                                       | -<br>-<br>2%                        | -<br>-<br>0%                            | -<br>-<br>20%                          |
| Goat Export Quality (Head) Goat Local Quality (Head)  | 2,192,000<br>1,742,500                                    | 1,700,000<br>1,037,500                                   | 2,150,000<br>1,700,000                                   | 2,075,000<br>1,675,000                                   | 854,959<br>690,128                                     | -3%<br>-1%                          | 61%                                     | -5%<br>-4%                             |
| Other Essential Items   |   |  |  |  |  |                                     |   |  |
| Charcoal 50kg Cowpeas 1 kg Unskilled Labor Wage Rate Firewood Bundle Local Sesame Oil 1 litre Exchange Rate (Somali Shilling per USD) | 189,850<br>19,955<br>108,533<br>6,780<br>55,475<br>20,175 | 200,833<br>35,417<br>85,000<br>6,000<br>55,167<br>21,775 | 191,667<br>32,167<br>92,917<br>8,000<br>55,333<br>22,950 | 200,000<br>26,250<br>88,333<br>8,000<br>56,333<br>22,983 | 82,315<br>10,717<br>36,300<br>3,197<br>23,114<br>9,371 | 4%<br>-18%<br>-5%<br>0%<br>2%<br>0% | 0%<br>-26%<br>4%<br>33%<br>2%<br>6%     | 5%<br>32%<br>-19%<br>18%<br>2%<br>14%  |
| Terms of Trade  | -,  | ,  | ,  | ,  | .,   |                                     |   |  |
| Labour Wage (Daily)/ Cereal (Rice(Kg)<br>Local Goat (Head)/ Cereal (Rice(Kg)  | 8<br>142  | 7<br>85  | 7<br>132   | 7<br>131   | -<br>-   | 0%<br>-1%                           | 0%<br>54%                               | -13%<br>-8%                            |
| Price Indices   |   |  |  |  |  |                                     |   |  |
| Consumer Price Index  | -   | 260  | 240  | 243  | -  | 1%                                  | -7%                                     | -                                      |

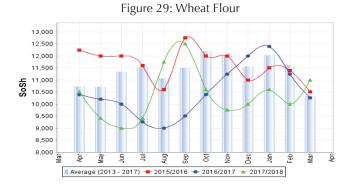


Figure 25: Bakara: Trends in Wage Rates and Relative Purchasing Power 220,000 200.000 Labour/Cereal TOT 30 180,000 160,000 25 140,000 五 120,000 100 0-20 100,000 15 80,000 60,000 40.000 20,000 0 Mar-17 Apr-17 Sep-17 Oct-17



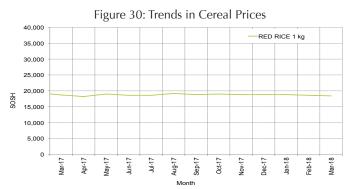




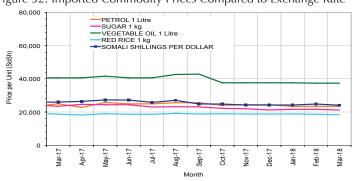


# Regional analysis: Central Regions

| Indicator                               | 5-Year<br>Average<br>(2013-2017) | Mar-17    | Feb-18     | Mar-18<br>Nominal<br>Price | Mar-18 Real<br>(Deflated)<br>Price | % Change<br>Previous<br>Month | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|----------------------------------|-----------|------------|----------------------------|------------------------------------|-------------------------------|---|--|
| Imported Commodities Prices             |                                  |           |            |                            |                                    |                               |   |  |
| Diesel 1 litre                          | 23,974                           | 22,800    | 20,400     | 20,400                     | 9,478                              | 0%                            | -11%                                    | -15%                                   |
| Imported Red Rice 1kg                   | 18,310                           | 18,700    | 18,600     | 18,400                     | 8,539                              | -1%                           | -2%                                     | 0%                                     |
| Petrol 1 litre                          | 23,360                           | 24,950    | 23,400     | 23,400                     | 10,887                             | 0%                            | -6%                                     | 0%                                     |
| Sugar                                   | 20,312                           | 23,450    | 21,600     | 21,200                     | 9,854                              | -2%                           | -10%                                    | 4%                                     |
| Vegetable Oil 1 litre                   | 39,376                           | 40,600    | 37,400     | 37,400                     | 17,460                             | 0%                            | -8%                                     | -5%                                    |
| Wheat Flour 1kg                         | 16,318                           | 17,050    | 16,200     | 16,000                     | 7,412                              | -1%                           | -6%                                     | -2%                                    |
| Wheat Grain 1kg                         | 16,416                           | 19,600    | 20,625     | 18,900                     | 8,774                              | -8%                           | -4%                                     | 15%                                    |
| Cereal Prices                           |                                  |           |            |                            |                                    |                               |   |  |
| Red Sorghum 1kg                         | 12,195                           | 15,500    | 15,000     | 14,500                     | 6,708                              | -3%                           | -6%                                     | 19%                                    |
| White Maize 1kg                         | 12,989                           | 17,250    | 17,125     | 17,125                     | 7,941                              | 0%                            | -1%                                     | 32%                                    |
| Livestock & Livestock Product Prices    |                                  |           |            |                            |                                    |                               |   |  |
| Camel Local Quality (Head)              | 11,552,500                       | 9,437,500 | 13,200,000 | 13,200,000                 | 6,197,599                          | 0%                            | 40%                                     | 14%                                    |
| Cattle Local Quality (Head)             | 2,650,000                        | -         | -          | -                          | -                                  | -                             | -                                       | -                                      |
| Fresh Camel Milk 1 litre                | 31,346                           | 38,950    | 55,400     | 58,000                     | 27,132                             | 5%                            | 49%                                     | 85%                                    |
| Goat Export Quality (Head)              | 1,300,730                        | 1,200,000 | 1,583,333  | 1,583,333                  | 743,311                            | 0%                            | 32%                                     | 22%                                    |
| Goat Local Quality (Head)               | 1,005,800                        | 875,000   | 1,065,000  | 1,096,000                  | 514,497                            | 3%                            | 25%                                     | 9%                                     |
| Other Essential Items                   |                                  |           |            |                            |                                    |                               |   |  |
| Charcoal 50kg                           | 168,640                          | 163,500   | 198,000    | 192,000                    | 90,048                             | -3%                           | 17%                                     | 14%                                    |
| Cowpeas 1 kg                            | 23,018                           | 38,850    | 38,200     | 38,000                     | 17,742                             | -1%                           | -2%                                     | 65%                                    |
| Unskilled Labor Wage Rate               | 89,550                           | 94,000    | 110,000    | 110,000                    | 51,547                             | 0%                            | 17%                                     | 23%                                    |
| Firewood Bundle                         | 34,020                           | 35,500    | 30,000     | 30,000                     | 13,986                             | 0%                            | -15%                                    | -12%                                   |
| Local Sesame Oil 1 litre                | 86,120                           | 81,850    | 81,000     | 82,500                     | 38,636                             | 2%                            | 1%                                      | -4%                                    |
| Exchange Rate (Somali Shilling per USD) | 22,455                           | 26,000    | 24,800     | 24,125                     | 11,227                             | -3%                           | -7%                                     | 7%                                     |
| Terms of Trade                          |                                  |           |            |                            |                                    |                               |   |  |
| Labour Wage (Daily)/ Cereal (Rice Kg)   | 5                                | 5         | 6          | 6                          | -                                  | 0%                            | 20%                                     | 20%                                    |
| Local Goat (Head)/ Cereal (Rice Kg)     | 54                               | 47        | 57         | 60                         | -                                  | 5%                            | 28%                                     | 11%                                    |
| Camel (Head)/Cereal (Rice Kg)           | 634                              | 505       | 710        | 717                        | -                                  | 1%                            | 42%                                     | 13%                                    |
| Price Indices                           |                                  |           |            |                            |                                    |                               |   |  |
| Consumer Price Index                    | -                                | 263       | 218        | 213                        | -                                  | -3%                           | -19%                                    | -                                      |







28,000



Figure 34: Exchange Rate

Figure 31: Trends in wage rates and relative purchasing power

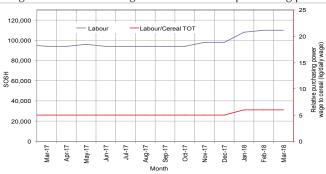


Figure 33: Goat Local Quality

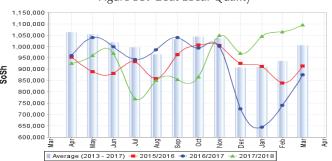


Figure 35: Water Drum (200 litres)



## Regional analysis: Northeast Regions

| Indicator                               | 5-Year Average<br>(2013-2017) | Mar-17     | Feb-18     | Mar-18<br>Nominal<br>Price | Mar-18 Real<br>(Deflated)<br>Price | % Change<br>Previous<br>Month | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|-------------------------------|------------|------------|----------------------------|------------------------------------|-------------------------------|---|--|
| Imported Commodities Prices             |                               |            |            |                            |                                    |                               |   |  |
| Diesel 1 litre                          | 20,501                        | 17,500     | 20,929     | 21,786                     | 7,202                              | 4%                            | 24%                                     | 6%                                     |
| Imported Red Rice 1kg                   | 16,862                        | 17,000     | 17,696     | 17,839                     | 5,879                              | 1%                            | 5%                                      | 6%                                     |
| Petrol 1 litre                          | 21,584                        | 20,857     | 24,171     | 24,750                     | 8,196                              | 2%                            | 19%                                     | 15%                                    |
| Sugar                                   | 19,944                        | 22,429     | 20,750     | 20,929                     | 6,915                              | 1%                            | -7%                                     | 5%                                     |
| Vegetable Oil 1 litre                   | 35,817                        | 33,964     | 33,643     | 33,607                     | 11,165                             | 0%                            | -1%                                     | -6%                                    |
| Wheat Flour 1kg                         | 16,481                        | 16,607     | 16,750     | 16,286                     | 5,359                              | -3%                           | -2%                                     | -1%                                    |
| Wheat Grain 1kg                         | 29,342                        | 31,700     | 31,600     | 31,350                     | 10,408                             | -1%                           | -1%                                     | 7%                                     |
| Cereal Prices                           |                               |            |            |                            |                                    |                               |   |  |
| Red Sorghum 1kg                         | 22,490                        | 26,875     | 26,500     | 26,625                     | 8,824                              | 0%                            | -1%                                     | 18%                                    |
| White Maize 1kg                         | 21,040                        | 24,000     | 24,000     | 24,750                     | 8,196                              | 3%                            | 3%                                      | 18%                                    |
| Livestock & Livestock Product Prices    |                               |            |            |                            |                                    |                               |   |  |
| Camel Local Quality (Head)              | 14,190,400                    | 10,825,000 | 15,619,000 | 16,283,500                 | 5,457,882                          | 4%                            | 50%                                     | 15%                                    |
| Cattle Local Quality (Head)             | 7,175,000                     | 3,625,000  | 12,750,000 | 14,250,000                 | 4,776,284                          | 12%                           | 293%                                    | 99%                                    |
| Fresh Camel Milk 1 litre                | 41,485                        | 57,367     | 64,333     | 66,167                     | 22,078                             | 3%                            | 15%                                     | 59%                                    |
| Goat Export Quality (Head)              | 1,321,933                     | 1,211,667  | 1,502,500  | 1,582,500                  | 530,330                            | 5%                            | 31%                                     | 20%                                    |
| Goat Local Quality (Head)               | 1,247,642                     | 1,105,357  | 1,386,339  | 1,522,500                  | 510,219                            | 10%                           | 38%                                     | 22%                                    |
| Other Essential Items                   |                               |            |            |                            |                                    |                               |   |  |
| Charcoal 50kg                           | 354,599                       | 360,357    | 373,214    | 377,500                    | 126,432                            | 1%                            | 5%                                      | 6%                                     |
| Cowpeas 1 kg                            | 37,708                        | 41,542     | 69,413     | 68,229                     | 22,769                             | -2%                           | 64%                                     | 81%                                    |
| Unskilled Labor Wage Rate               | 135,964                       | 135,179    | 143,929    | 147,321                    | 49,280                             | 2%                            | 9%                                      | 8%                                     |
| Firewood Bundle                         | 35,664                        | 39,107     | 53,018     | 55,214                     | 18,407                             | 4%                            | 41%                                     | 55%                                    |
| Local Sesame Oil 1 litre                | 97,490                        | 100,000    | 111,500    | 108,850                    | 36,385                             | -2%                           | 9%                                      | 12%                                    |
| Exchange Rate (Somali Shilling per USD) | 21,830                        | 26,393     | 27,071     | 27,857                     | 9,237                              | 3%                            | 6%                                      | 28%                                    |
| Terms of Trade                          |                               |            |            |                            |                                    |                               |   |  |
| Labour Wage (Daily)/ Cereal (Rice(Kg)   | 8                             | 8          | 8          | 8                          | -                                  | 0%                            | 0%                                      | 0%                                     |
| Local Goat (Head)/ Cereal (Rice(Kg)     | 74                            | 65         | 78         | 85                         | -                                  | 9%                            | 31%                                     | 15%                                    |
| Price Indices                           |                               |            |            |                            |                                    |                               |   |  |
| Consumer Price Index                    | -                             | 290        | 289        | 298                        | -                                  | 3%                            | 3%                                      | -                                      |

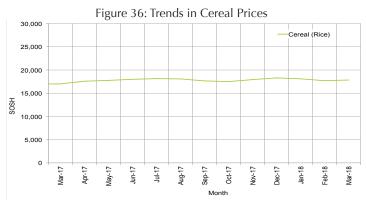
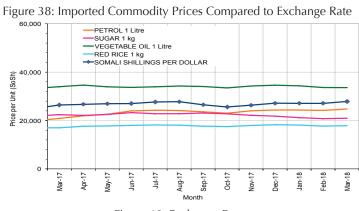
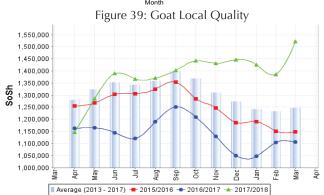


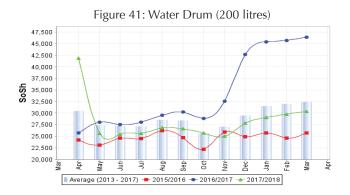
Figure 37: Trends in Wage Rates and Relative Purchasing Power

140,000
120,000
Labour Labour/Cereal TOT
15 (see/And Sussequand Susse









### Regional analysis: Northwest Regions

| Indicator Av  | 6,078<br>5,092<br>6,858<br>5,916<br>12,624<br>4,478<br>3,663 | 4,840<br>4,900<br>6,268<br>6,100<br>14,400<br>4,000 | 7,435<br>6,140<br>8,865<br>7,340 | Mar-18<br>Nominal<br>Price<br>7,800<br>6,050<br>9,200 | Mar-18 Real<br>(Deflated)<br>Price<br>5,264<br>4,061 | % Change<br>Previous<br>Month<br>5%<br>-1% | % Change<br>Same Month<br>Previous Year | % Change<br>5-year avrg<br>(2013-2017) |
|---|--|---|----------------------------------|---|--|--|---|--|
| Diesel 1 litre Imported Red Rice 1kg Petrol 1 litre Sugar Vegetable Oil 1 litre Wheat Flour 1kg Wheat Grain 1kg Cereal Prices | 5,092<br>6,858<br>5,916<br>12,624<br>4,478                   | 4,900<br>6,268<br>6,100<br>14,400                   | 6,140<br>8,865<br>7,340          | 6,050   | 4,061  |  |   | 28%                                    |
| Imported Red Rice 1kg Petrol 1 litre Sugar Vegetable Oil 1 litre Wheat Flour 1kg Wheat Grain 1kg Cereal Prices                | 5,092<br>6,858<br>5,916<br>12,624<br>4,478                   | 4,900<br>6,268<br>6,100<br>14,400                   | 6,140<br>8,865<br>7,340          | 6,050   | 4,061  |  |   | 28%                                    |
| Petrol 1 litre Sugar Vegetable Oil 1 litre Wheat Flour 1kg Wheat Grain 1kg Cereal Prices                                      | 6,858<br>5,916<br>12,624<br>4,478                            | 6,268<br>6,100<br>14,400                            | 8,865<br>7,340                   |   | ,  | -1%  |   | 2070                                   |
| Sugar<br>Vegetable Oil 1 litre<br>Wheat Flour 1kg<br>Wheat Grain 1kg<br>Cereal Prices   | 5,916<br>12,624<br>4,478                                     | 6,100<br>14,400                                     | 7,340                            | 9,200   |  |  | 23%                                     | 19%                                    |
| Vegetable Oil 1 litre<br>Wheat Flour 1kg<br>Wheat Grain 1kg<br>Cereal Prices  | 12,624<br>4,478  | 14,400  |                                  |   | 6,227  | 4%   | 47%                                     | 34%                                    |
| Wheat Flour 1kg<br>Wheat Grain 1kg<br>Cereal Prices   | 4,478  |   |                                  | 7,200   | 4,852  | -2%  | 18%                                     | 22%                                    |
| Wheat Grain 1kg Cereal Prices   | ,  | 4,000   | 13,418                           | 13,618  | 9,266  | 1%   | -5%                                     | 8%                                     |
| Cereal Prices   | 3,663  | ,   | 5,375                            | 5,240   | 3,504  | -3%  | 31%                                     | 17%                                    |
|   |  | 3,860   | 5,333                            | 5,000   | 3,339  | -6%  | 30%                                     | 37%                                    |
| White Sorghum 1kg   |  |   |                                  |   |  |  |   |  |
|   | 3,804  | 4,005   | 4,800                            | 4,500   | 2,995  | -6%  | 12%                                     | 18%                                    |
| Yellow Maize 1kg  | 4,000  | 4,900   | 6,420                            | 6,320   | 4,247  | -2%  | 29%                                     | 58%                                    |
| Livestock & Livestock Product Prices  |  |   |                                  |   |  |  |   |  |
| ,   | ,508,633   | 3,755,833   | 4,751,667                        | 4,410,000   | 3,032,883  | -7%  | 17%                                     | 26%                                    |
| , ,   | ,094,183   | 2,364,583   | 2,383,333                        | 2,540,833   | 1,747,361  | 7%   | 7%                                      | 21%                                    |
| Fresh Camel Milk 1 litre  | 6,747  | 7,825   | 12,000                           | 12,200  | 8,291  | 2%   | 56%                                     | 81%                                    |
| Goat Export Quality (Head)  | 441,314  | 407,167   | 500,417                          | 522,550   | 359,284  | 4%   | 28%                                     | 18%                                    |
|   | 326,366  | 349,833   | 411,000                          | 446,500   | 306,981  | 9%   | 28%                                     | 37%                                    |
| Other Essential Items   |  |   |                                  |   |  |  |   |  |
| Charcoal 50kg   | 53,940   | 60,650  | 83,700                           | 85,800  | 58,909   | 3%   | 41%                                     | 59%                                    |
| Cowpeas 1 kg  | 11,892   | 14,700  | 19,313                           | 18,313  | 12,495   | -5%  | 25%                                     | 54%                                    |
| Unskilled Labor Wage Rate   | 50,410   | 58,400  | 80,250                           | 80,390  | 55,188   | 0%   | 38%                                     | 59%                                    |
| Firewood Bundle   | 4,200  | 5,000   | 5,833                            | 6,167   | 4,141  | 6%   | 23%                                     | 47%                                    |
| Local Sesame Oil 1 litre  | 31,855   | 33,150  | 35,375                           | 34,875  | 23,885   | -1%  | 5%                                      | 9%                                     |
| Exchange Rate (Somaliland Shilling per USI  | 7,230  | 8,010   | 10,127                           | 10,333  | 7,007  | 2%   | 29%                                     | 43%                                    |
| Terms of Trade  |  |   |                                  |   |  |  |   |  |
| Labour Wage (Daily)/ Cereal (Rice(Kg)   | 10   | 12  | 13                               | 13  | -  | 0%   | 8%                                      | 30%                                    |
| Local Goat (Head)/ Cereal (Rice(Kg)   | 64   | 71  | 67                               | 74  | -  | 10%  | 4%                                      | 16%                                    |
| Price Indices   |  |   |                                  |   |  |  |   |  |
| Consumer Price Index  |  | 126   | 145                              | 145   |  |  |   |  |

Figure 42: Trends in Cereal Prices

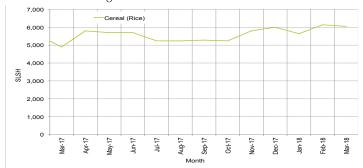


Figure 44: Imported Commodity Prices Compared to Exchange Rate

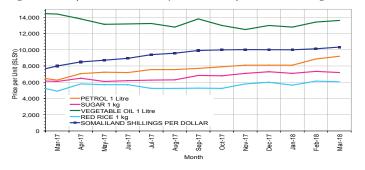


Figure 46: Exchange Rate

Figure 43: Trends in Wage Rates and Relative Purchasing Power

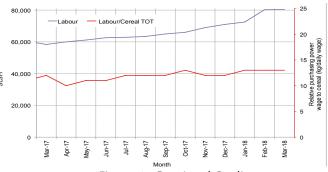


Figure 45: Goat Local Quality

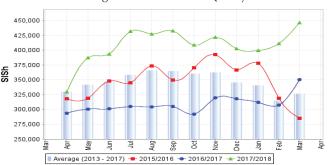


Figure 47: Water Drum (200 litres)

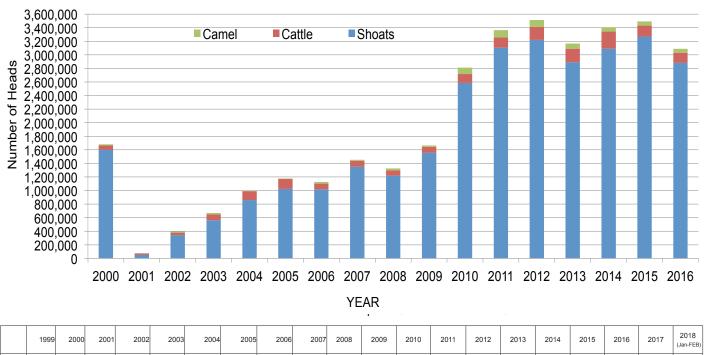


#### Trends in Livestock Exports

Table 1: Berbera Livestock Exports (Number of Heads)

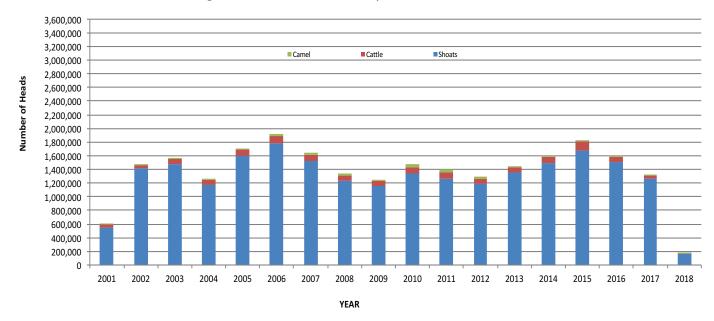
|        | 1999      | 2000      | 2001   | 2002    | 2003    | 2004    | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |
|--------|-----------|-----------|--------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Shoats | 2 048 136 | 1 601 083 | 51 546 | 341 711 | 563 107 | 859 404 | 1 023 795 | 1 017 242 | 1 350 054 | 1 219 519 | 1 556 003 | 2 584 810 | 3 104 684 | 3 219 584 | 2 888 955 | 3 089 592 | 3 270 386 | 2 880 057 |
| Cattle | 89 967    | 63 263    | 20 973 | 37 547  | 84 312  | 131 852 | 148 151   | 85 631    | 88 143    | 80 051    | 88 005    | 133 021   | 150 934   | 190 354   | 20 875    | 252 597   | 160,395   | 150 133   |
| Camel  | 37 430    | 16 984    | 3 473  | 18,864  | 21 874  | 5 147   | 5 069     | 22 810    | 14 245    | 26 515    | 20 206    | 92 651    | 107 281   | 102 664   | 75 728    | 64 578    | 61 475    | 57 841    |

Figure 48: Berbera Livestock Exports (Number of Heads)



|        | 1999    | 2000    | 2001    | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018<br>(Jan-FEB) |
|--------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| Shoat  | 633 669 | 571 455 | 548 853 | 1 412 450 | 1 483 409 | 1 166 480 | 1 594 859 | 1 777 283 | 1 522 855 | 1 236 775 | 1 159 454 | 1 333 478 | 1 256 535 | 1 192 197 | 1 349 123 | 1 493 111 | 1 676 216 | 1 507 910 | 1 266 215 | 162 260           |
| Cattle | 36 586  | 27 604  | 42 248  | 53 313    | 71 328    | 79 994    | 91 910    | 104 595   | 89 190    | 78 046    | 67,385    | 103 808   | 99 058    | 76 043    | 77 353    | 87 759    | 134 597   | 70 705    | 39 347    | 8 288             |
| Came   | 15 544  | 8 177   | 1 950   | 9 720     | 4 259     | 2 488     | 26 109    | 33 724    | 27 580    | 27 639    | 15 331    | 36 865    | 45 878    | 22 288    | 19 032    | 12 251    | 10 945    | 10 144    | 5 781     | 491               |

Figure 49: Bossaso Livestock Exports (Number of Heads)



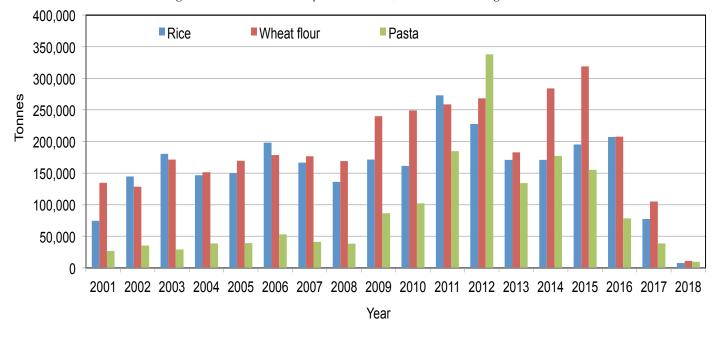
### Trends in Cereal Imports

Table 3: Total Cereal Imports through Berbera, Bossaso and Mogadishu Ports (Tonnes) \*

|             | 1999   | 2000   | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    | 2013*   | 2014    | 2015*   | 2016*   | 2017    | 2018<br>(Jan-Feb) |
|-------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| Rice        | 63,464 | 75 687 | 74 729  | 144 600 | 180 614 | 146 567 | 150 017 | 198 101 | 166 626 | 136 007 | 171 472 | 161 415 | 272 877 | 227 955 | 170 868 | 170 888 | 195 240 | 207 267 | 77 299  | 7 601             |
| Wheat flour | 55 176 | 78 555 | 134 425 | 128 263 | 171 442 | 151 555 | 169 583 | 178 345 | 176 821 | 169 208 | 240 247 | 249 080 | 258 679 | 268 491 | 183 058 | 284 230 | 318 868 | 207 463 | 105 215 | 11 081            |
| Pasta       | 8 544  | 11 071 | 26 702  | 35 425  | 29 273  | 38 749  | 39 153  | 52 815  | 41 331  | 38 441  | 86 372  | 102 373 | 184 849 | 337 878 | 134 311 | 176 951 | 155 360 | 78 113  | 38 935  | 9 380             |

'Elman (Mogadishu) is up to November 2015. Mogadishu data (Elmaan Port) for 2013 includes only January - March imports. Berbera Data is up to December 2016

Figure 50: Total Cereal Imports (Berbera, Bossaso and Mogadishu)

















FSNAU Resource Partners







