

# WFP UGANDA

## Monthly Market Bulletin—April 2016

The Market Bulletin is issued by the Analysis, Monitoring and Evaluation (AME) Unit of the World Food Programme Uganda on a monthly basis. Price data collected by staff at WFP sub-offices in Moroto, Kotido, Kaabong and Nakapiripirit is analyzed along with price data from Gulu, Kampala, Mbarara, Soroti, Tororo, Lira and Mbale. The update is divided into four sections: Karamoja Sub-Region, Karamoja Price Trends Over One Year, Other Markets and the Table on Price Changes for Selected Commodities.

### HIGHLIGHTS

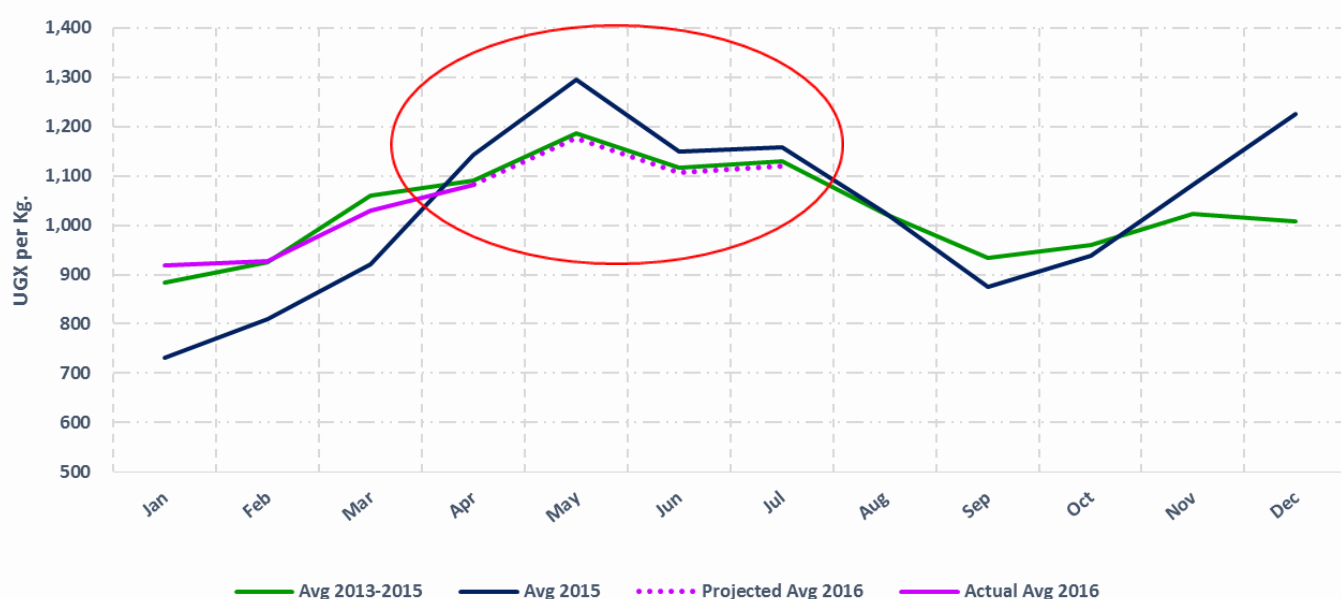
#### KARAMOJA

- In April, the average price for maize grain and sorghum increased by 18% and 7% respectively compared to March 2016.
- Annual trends indicate that average prices for maize grain, sorghum and beans were higher in April 2016 by 48%, 43% and 18% respectively compared to the same period in 2015.
- There was a decline in the terms of trade for goats and casual labour wage against maize grain compared to March 2016 and April 2015 due to an increase in the maize grain price.

#### OTHER REGIONS OF UGANDA

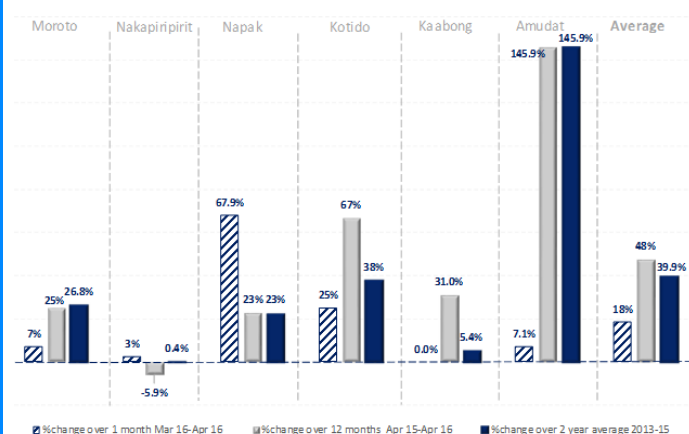
- Prices for maize grain and sorghum increased by 8% and 7% respectively compared to March 2016.
- Compared to the same period in April 2015, average prices for sorghum were high in most parts of the country. Maize grain prices were lower in major cities (Kampala, Mbarara and Gulu) and higher in producing areas (Soroti, Tororo & Lira).
- The average retail price for maize grain is expected to increase in May and decrease in June, remaining below 2015 prices (see graph below).

Figure 1. Projected Maize Grain Retail Price May to July 2016



## CEREALS

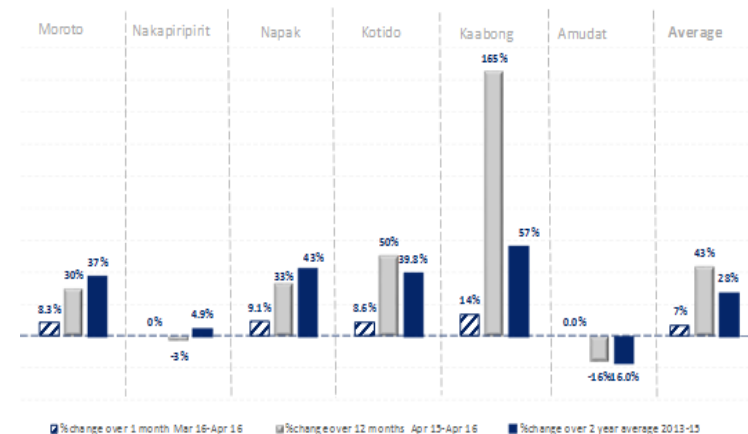
Figure 2. Maize Grain Retail Price Changes April 2016



The average retail price for maize grain increased across Karamoja in April compared to March 2016 by 18%. The highest percentage increases were in Napak (68%) and Kotido (25%). However, the highest actual price was in Moroto and Amudat where a kilogram of maize grain cost UGX 1,500. The increase in price is due to increased demand resulting from high reliance on markets during the peak of the lean season in Karamoja.

Similarly, compared to the same period in April 2015 and the three year average 2013-2015, maize grain prices in Karamoja were higher this year by 48% and 40% respectively. The general price increase is a reflection of deteriorating food availability at the household level and lack of access in the region.

Figure 3. Sorghum Grain Retail Price Changes April 2016

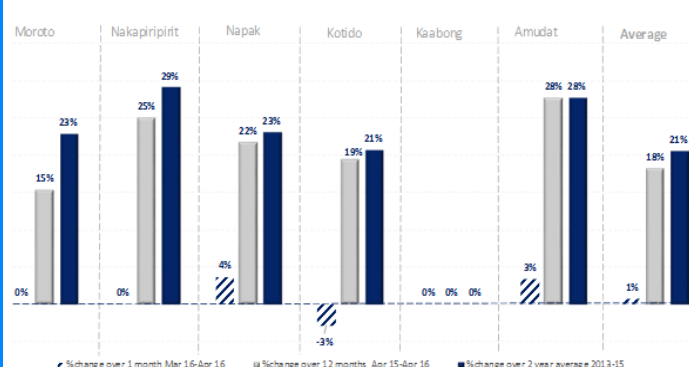


There was a 7% increase in sorghum prices across Karamoja in April compared to March 2016. Kaabong had the highest price increase, 14%, followed by Napak and Kotido (9%) and Moroto (8%).

Compared to April 2015, the sorghum price this year was higher by 43% across Karamoja. The highest increases were in Kaabong (165%), Kotido (50%), Napak (33%) and Moroto (30%). Compared to the long term average for 2013-2015, the sorghum price was higher in Karamoja by 28% during the month. Similarly, the highest price change was in Kaabong (57%), Napak (43%), Kotido (40%) and Moroto (37%). Since Sorghum is a staple food commodity in the area, the high price increase is an early warning for food insecurity in the region as purchasing power becomes more limited.

## BEANS

Figure 4. Beans Retail Price Changes — April 2016



The average price for beans was generally stable during April across Karamoja compared to March 2016 with an average price increase of less than 5%.

However, compared to the same period in April 2015 and the long term average 2013-2015, prices for beans were higher in Karamoja this year by 18% and 21% respectively. The higher prices this year are a result of reduced supply from other parts of the country.

## GOATS

Table 1. Goats Retail Prices Changes — April 2016

Market	Current (Apr 2016)	% Change from:		
		Mar-16	Apr-15	Av 2013-15
Moroto	170,000	0.0%	-10.5%	46.2%
Nakapiripirit	96,000	6.7%	16.4%	23.9%
Napak	170,000	0.0%	13.3%	129.7%
Kotido	65,000	-11.4%	-21.5%	-20.6%
Kaabong	91,250	5.8%	-13.1%	0.7%
Amudat	138,333	0.0%		
Average	121,764	0.2%	-3.1%	36.0%

On average, there was no significant difference in goat price during April compared to March 2016. In Kotido, goat prices decreased by 11%, while in Nakapiripirit and Kaabong prices increased by 7% and 6% respectively.

There was no significant change in average prices for an average size he-goat compared to the same period in April 2015 with the exception of Kotido where prices decreased by 22% and Nakapiripirit which experienced a 16% increase. Compared to the long term average for 2013-2015, there was an increase in goat prices, excluding Kotido.

## LABOR

Table 2. Changes in Daily Wage Rates April 2016

Market	Current (Apr 2016)	% Change from:		
		Mar-16	Apr-15	Av 2013-15
Moroto	5,000	0.0%	7.1%	0.0%
Nakapiripirit	3,000	0.0%	2.9%	0.0%
Napak	5,000	0.0%	9.1%	0.0%
Kotido	1,813	-9.4%	-22.3%	-9.4%
Kaabong	5,000	0.0%	66.7%	66.7%
Amudat				
Average	3,963	-1.9%	12.7%	11.5%

Changes in the average daily casual labor rate were only seen in Kotido during the month, with a 9% reduction compared to March 2016 due to limited casual labor opportunities.

Annual analysis indicates that wage rates this year were significantly higher in Kaabong (67%) and lower in Kotido (22%) compared to the same period in April 2015.

Additionally, compared to the long term average 2013-2015, changes in Kaabong have led to a 12% increase in the average wage rates for the Karamoja region.

## TERMS OF TRADE

Table 3. Terms of trade (TOT) in this context refers to the exchange of a medium size goat and daily labour for maize grain at the current market price.

Description	Apr-16	Mar-16	Apr-15
TOT goats	98	117	130
TOT labour	3.4	4.1	3.83

The terms of trade for an average size he-goat and casual labor wage against maize grain declined during April compared to March 2016 mainly due to an 18% increase in the maize grain price. Earnings from an average sized he-goat in April 2016 bought less maize grain (by 19kg) than in March 2016. Similarly, compared to April 2015, a household would buy less maize grain (32kgs less) this year after selling a similar average size he-goat. A day's labor wage in April would buy less maize grain (by 700 grams) compared to March 2016, and 430 grams less compared to April 2015.

The deterioration in the terms of trade is an indication of worsening food security among the pastoral communities and casual-labor dependent households.

## KARAMOJA: SUMMARY BY DISTRICT (excluding Abim)

### KAABONG

- The price for sorghum was higher in April by 14% compared to March. Similarly, prices for both maize grain and sorghum were higher compared to April 2015 by 31% and 165% respectively, highlighting accessibility challenges this year for market-dependent households.

### KOTIDO

- Market conditions indicate worsening food security in Kotido. Prices for maize grain and sorghum were higher in April 2016 compared to the previous month, last year and the long term average. Prices for beans were also higher compared to last year and the long-term average, while prices for an average-size he-goat and daily wage decreased.

### MOROTO

- Average prices for maize grain, sorghum and beans were higher this year compared to April 2015 and the long-term average 2013-15 an indication of increasing household vulnerability to food insecurity.

### NAKAPIRIPIT

- Average prices for beans were higher this year compared to April 2015 and the long-term average 2013-2015 by 25% and 29% respectively. The price for an average size he-goat increased in April which benefits the pastoralists.

### NAPAK

- Average retail prices for maize grain, sorghum and beans were higher in April 2016 compared to the same period last year and the long term average 2013-2015. Most households are expected to employ negative coping strategies.

### AMUDAT

- Average retail prices maize grain and beans were higher in April this year by 146% and 28% respectively compared to the same period last year and the long-term average 2013-2015.

Figure 5. Maize Grain Price Trends

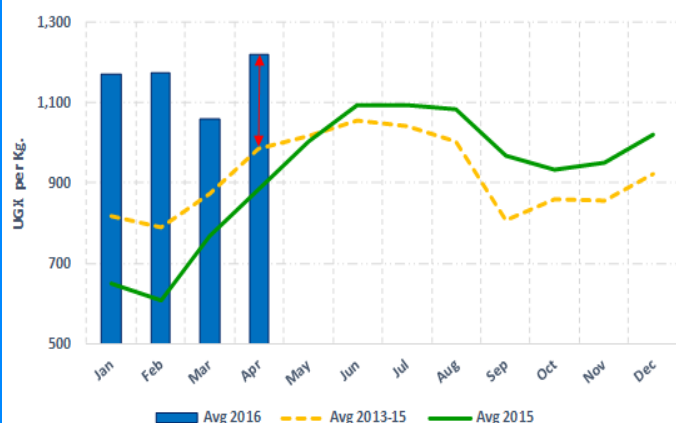


Figure 6. Goats Price Trends

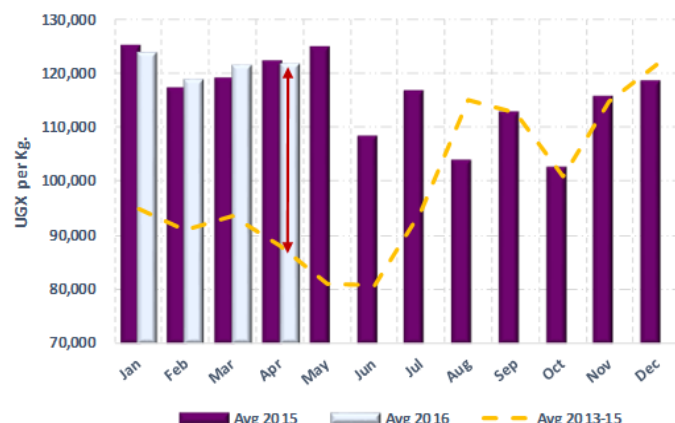


Figure 7. Sorghum Grain Price Trends

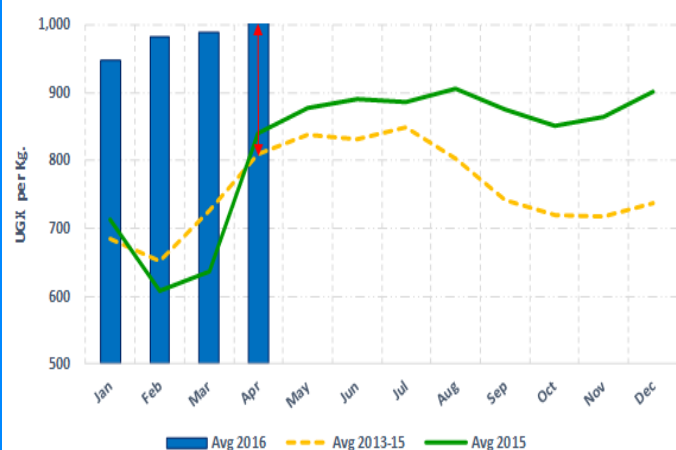


Figure 8. Average Daily Labour Wage Trends

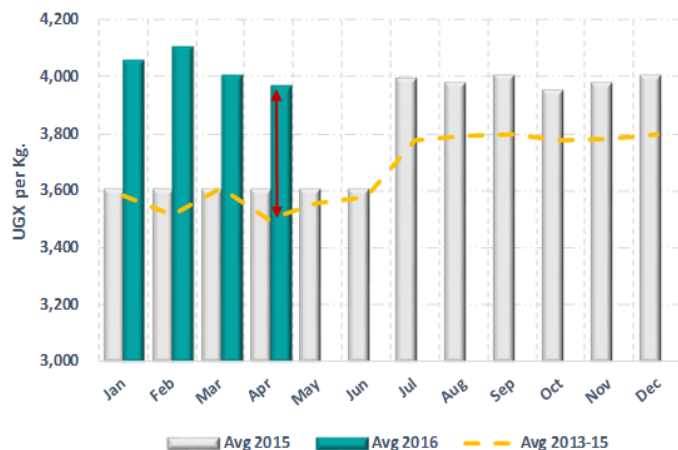


Figure 9. Beans Price Trends

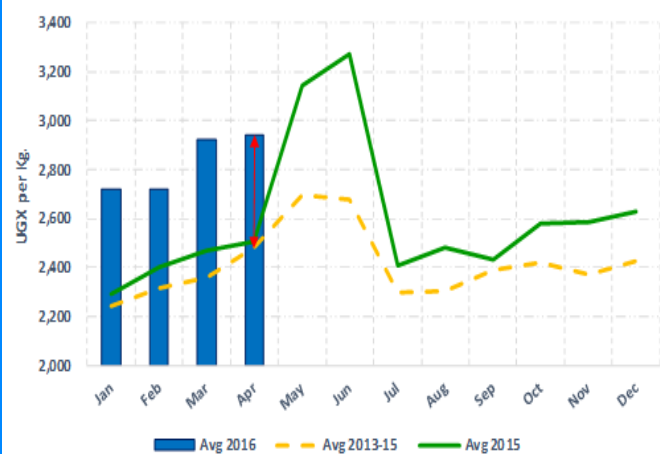
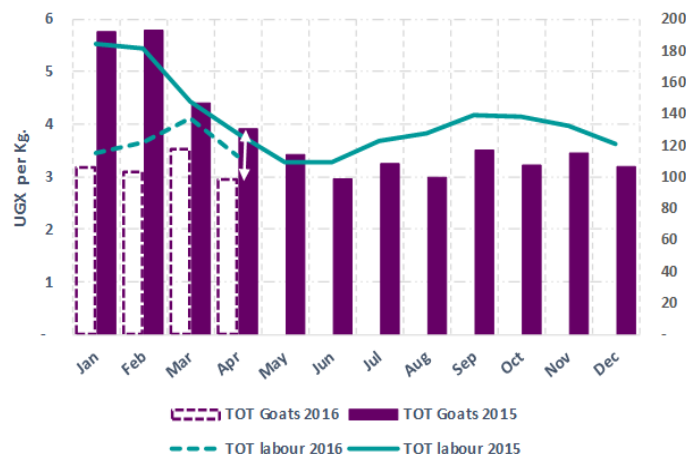


Figure 10. Terms of Trade Goats/Labour vs. Maize Grain



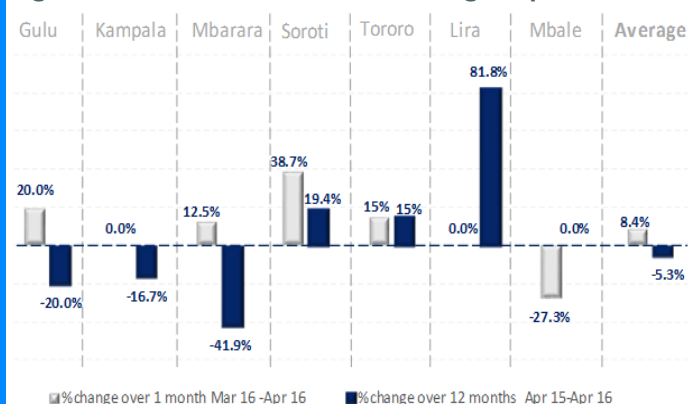


## SECTION THREE: KAMPALA, WESTERN, NORTHERN AND EASTERN UGANDA

This section provides a snapshot of the price fluctuations and projections for beans and maize grain for selected markets in Uganda using data collected by staff in WFP sub-offices. The primary criteria for the selection of the markets is regional trade influence in food commodities and the relative consistency of data. Additional markets will be included in future analysis as the consistency of data collection improves.

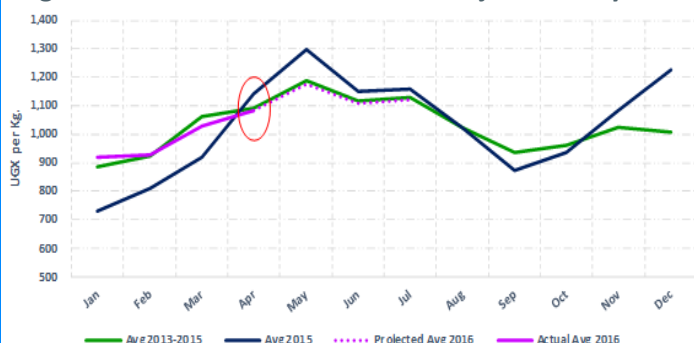
### CEREALS

**Fig. 11: Maize Grain Retail Price Changes April 2016**



In April, the average retail price for maize grain increased in most parts of the country compared to March 2016, with the exception of Mbale where the price decreased by 27%. Compared to April 2015, maize grain prices decreased in major cities (Kampala, Gulu & Mbarara) and increased in the major producing areas (Soroti, Tororo & Lira). The average price increase for maize grain was mainly due to reduced stocks.

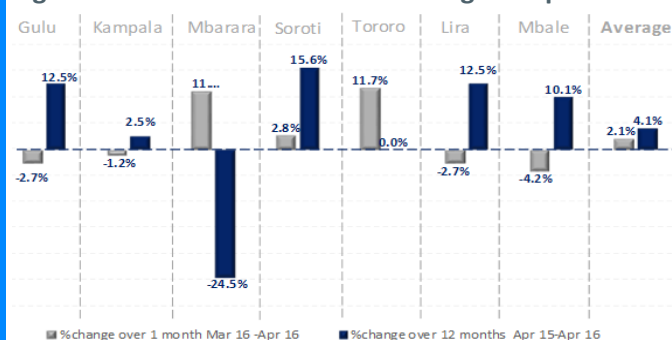
**Fig. 12: Maize Grain Price Trend & Projection May 2016**



Source: WFP AME Projections

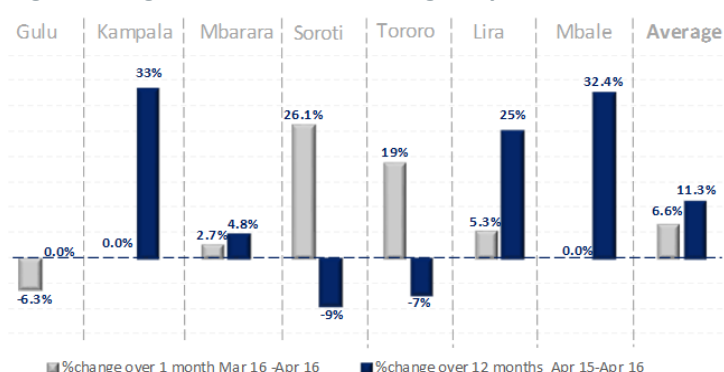
The average price for maize grain is expected to increase in May as schools reopen.

**Fig. 13: Maize Flour Retail Price Changes—April 2016**



The average retail price for maize flour was relatively stable throughout the country except in Mbarara and Tororo where prices increased by 11% and 12% respectively compared to March 2016. Compared to April 2015, the price was higher this year across the country except in Mbarara where price was 25% lower.

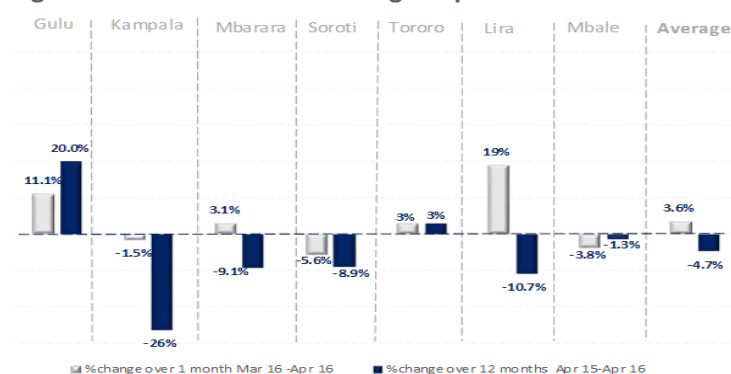
**Fig. 14: Sorghum Retail Price Changes April 2016**



Sorghum price was relatively high in most parts of the country in April compared to March 2016 with the highest increases in Soroti (26%) and Tororo (18%). Compared to the same period in 2015, the average retail price for sorghum was 11% higher. The greatest increase was in Kampala (33%), Mbale (32%) and Lira (25%). The increase in sorghum price is mainly due to low supply.

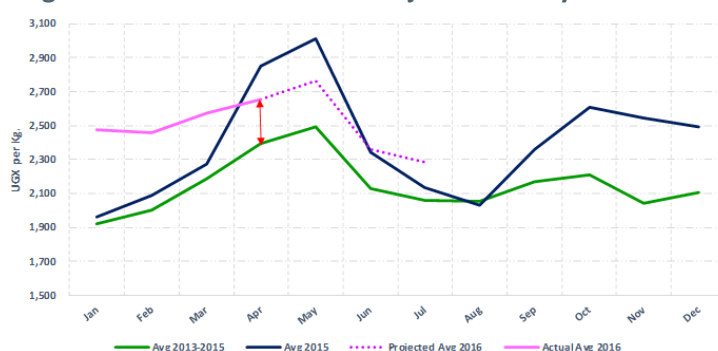
### BEANS

**Fig. 15: Beans Retail Price Changes April 2016**



The average retail price for beans remained high but relatively stable during April compared to March in most parts of the country. Gulu and Lira experienced the highest price increases of 11% and 19% respectively. The price this year was lower in April compared to 2015 except in Gulu where price increased by 20%.

**Fig. 16: Beans Price Trend & Projection—May 2016**



Source: WFP AME Projections

The monthly average price for beans is expected to increase in May and decrease in June.

## SECTION FOUR: PRICE CHANGES FOR SELECTED COMMODITIES

Current Retail Price: April 2016			Current Price(Us\$.)	Price change (%)			
Region	District/Market	Major Commodities		1 M	1 Y	1 M	1 Y
Karamoja	Kaabong	Maize grain (per Kg)	973	0%	31%	↔	↑
		Sorghum (per Kg)	966	14%	165%	↑	↑
		Beans (per Kg)	3,000	0%	0%	↔	↔
		Medium size goat	91,250	6%	-13%	↑	↔
		Daily labour wage	5,000	0%	67%	↔	↑
	Kotido	Maize grain (per Kg)	1,000	25%	67%	↑	↑
		Sorghum (per Kg)	901	9%	50%	↑	↑
		Beans (per Kg)	2,850	-3%	20%	↔	↑
		Medium size goat	65,000	-11%	-22%	↓	↓
		Daily labour wage	1,813	-9%	-22%	↓	↓
	Moroto	Maize grain (per Kg)	1,500	7%	25%	↑	↑
		Sorghum (per Kg)	1,300	8%	30%	↑	↑
		Beans (per Kg)	3,000	0%	15%	↔	↔
		Medium size goat	170,000	0%	-11%	↔	↔
		Daily labour wage	5,000	0%	7%	↔	↔
	Napak	Maize grain (per Kg)	1,350	68%	23%	↑	↑
		Sorghum (per Kg)	1,200	9%	33%	↑	↑
		Beans (per Kg)	2,800	4%	22%	↔	↑
		Medium size goat	170,000	0%	13%	↔	↔
		Daily labour wage	5,000	0%	9%	↔	↔
	Nakapiripirit	Maize grain (per Kg)	1,000	3%	-6%	↔	↔
		Sorghum (per Kg)	900	0%	-3%	↔	↔
		Beans (per Kg)	3,000	0%	25%	↔	↑
		Medium size goat	96,000	7%	16%	↑	↑
		Daily labour wage	3,000	0%	3%	↔	↔
	Amudat	Maize grain (per Kg)	1,500	7%	150%	↑	↑
		Sorghum (per Kg)	1,050	0%	-16%	↔	↓
		Beans (per Kg)	3,000	3%	28%	↔	↑
		Medium size goat	138,333	0%		↔	
Central	Kampala/Owino	Maize grain (per Kg)	1,250	0%	-17%	↔	↓
		Maize flour (per Kg)	1,845	-1%	3%	↔	↔
		Sorghum (per Kg)	2,000	0%	33%	↔	↑
		Beans (per Kg)	2,955	-2%	-26%	↔	↓
Western	Mbarara	Maize grain (per Kg)	900	13%	-42%	↑	↓
		Maize flour (per Kg)	2,000	11%	-25%	↑	↓
		Sorghum (per Kg)	2,567	3%	5%	↔	↔
		Beans (per Kg)	2,500	3%	-9%	↔	↔
Eastern	Tororo	Maize grain (per Kg)	1,150	15%	15%	↑	↔
		Maize flour (per Kg)	1,675	12%	0%	↑	↔
		Sorghum (per Kg)	950	19%	-7%	↑	↔
		Beans (per Kg)	2,575	3%	3%	↔	↔
	Mbale	Maize grain (per Kg)	1,000	-27%	0%	↓	↔
		Maize flour (per Kg)	1,725	-4%	10%	↔	↔
		Sorghum (per Kg)	1,500	0%	32%	↔	↑
		Beans (per Kg)	2,500	-4%	-1%	↔	↔
Northern	Gulu	Maize grain (per Kg)	1,200	20%	-20%	↑	↓
		Maize flour (per Kg)	1,800	-3%	13%	↔	↔
		Sorghum (per Kg)	1,500	-6%	0%	↓	↔
		Beans (per Kg)	3,000	11%	20%	↑	↑
	Soroti	Maize grain (per Kg)	1,075	39%	19%	↑	↑
		Maize flour (per Kg)	1,850	3%	16%	↔	↑
		Sorghum (per Kg)	725	26%	-9%	↑	↔
		Beans (per Kg)	2,550	-6%	-9%	↓	↔
	Lira	Maize grain (per Kg)	1,000	0%	82%	↔	↑
		Maize flour (per Kg)	1,800	-3%	13%	↔	↔
		Sorghum (per Kg)	1,000	5%	25%	↔	↑
		Beans (per Kg)	2,500	19%	-11%	↑	↔

↑ Price increase above normal price fluctuation

Remark:

↔ Normal Price fluctuation

↓ Price increase below normal price fluctuation

Price fluctuation is considered normal if the price change is within 5% for 1 month and within 15% for 1 year.

1M= April 2016 compared to March 2016

1Y= April 2016 compared to April 2015