



# WFP UGANDA

## Monthly Market Monitor

### HIGHLIGHTS

#### KARAMOJA

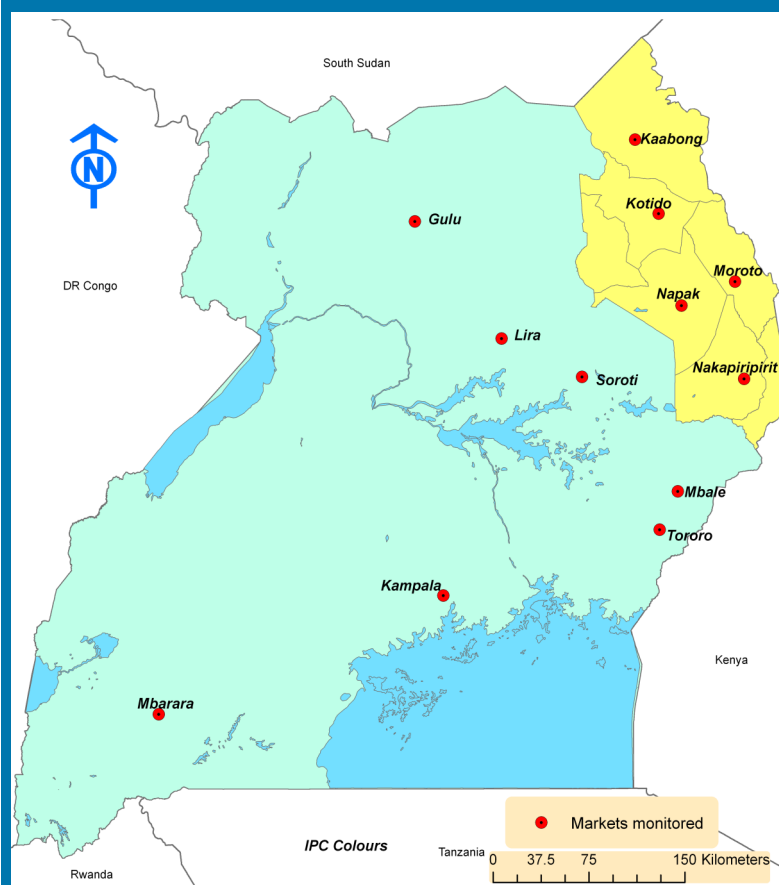
- ◆ The average retail price for maize grain and sorghum in April were high across Karamoja by 13% and 29% respectively compared to March. Nakapiripirit observed a significant increase in the price for Maize grain (29%), sorghum (57%) and beans (13%) due to increasing demands. In Kaabong, the average prices for maize grain, sorghum and beans were relatively stable and lower;
- ◆ In April 2017, the average retail prices for maize grain and sorghum were significantly high compared to 2016 and the long term average (2013-16), indicating a continued increase in the cost of living for the poor and vulnerable households;
- ◆ The terms of trade for both goats and wage rates against maize grain have continued to deteriorate, due to decreasing prices for goats and also an increase in the average prices for maize grain.

#### REST OF THE COUNTRY

- ◆ The average prices for maize grain, sorghum and beans were high in April 2017 by 18%, 17% and 10% respectively compared to March. The average price for sorghum was significantly higher in Soroti (32%) and Lira (26%) due to increasing demand from Karamoja;
- ◆ Compared to 2016, the average prices for maize grain, sorghum, and beans remained high across the country by 68%, 49% and 23% respectively due to poor harvest in 2016. The increase in the average price for maize was more than half across all districts;
- ◆ In May and June 2017, the average retail price for maize grain and beans are expected to reduce due to an anticipated first season harvest across the country.

The Uganda Market Price Update is produced 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 markets, Price trends over one year, Other Markets and table on Price changes.

### Markets Monitored & Analyzed by WFP Unit



Source: WFP Uganda AME

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CEREALS

Figure 1. Maize grain retail price changes Apr–2017

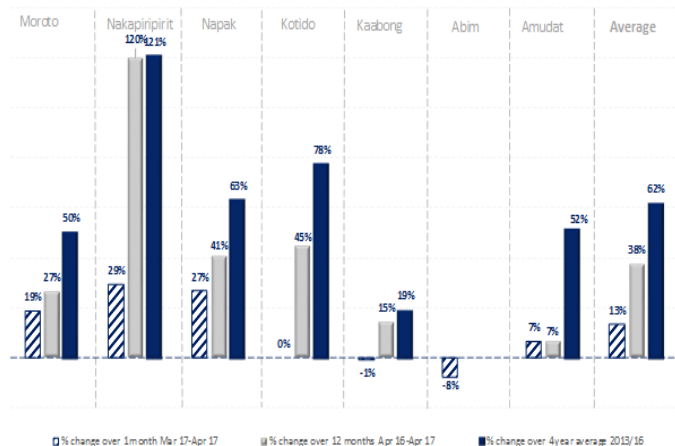
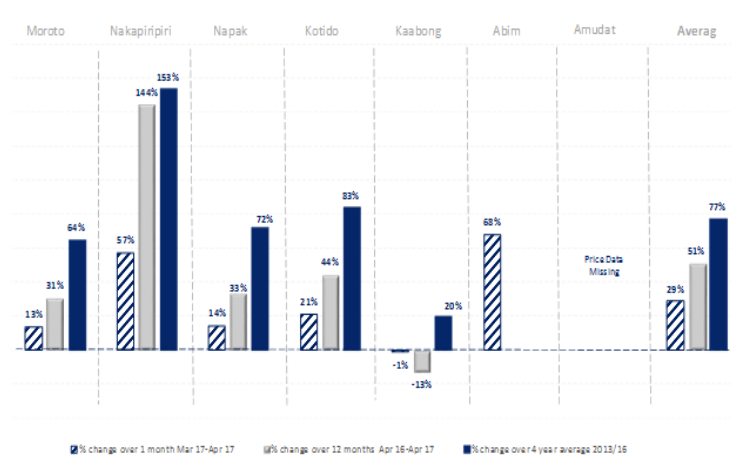


Figure 2. Sorghum grain retail price changes Apr-2017



Compared to March 2017, the overall average retail price for maize grain increased by 13% in April 2017 across Karamoja. The increase was mainly in Nakapiripirit (29%), Napak (27%) and Moroto (19%) and this is due to low supply on the markets.

Similarly, the overall average retail price for maize grain was high by 38% in April 2017 compared to same period in 2016, and more significantly in Nakapiripirit (120%), Kotido (45%) and Napak (41%), due to poor harvest in 2016 across the country resulting to reduced supply on the markets.

Compared to the long term average (2013-16), the average price for maize grain was higher by 62% in April 2017, indicating an increase in the cost of living for poor and vulnerable households in the long run.

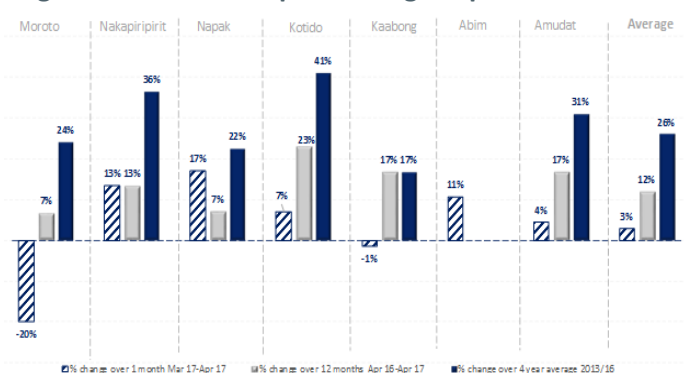
In Karamoja, the overall average retail price for sorghum was high by 29% in April compared to March 2017. The highest increase was observed in Abim and Nakapiripirit by 68% and 57% respectively and this is attributed to increasing demand resulting from continued depletion of food stocks at household level.

Compared to April 2016, the average retail price for sorghum significantly increased across Karamoja by 51%, with the highest increase in Nakapiripirit (144%), Kotido (33%) and Moroto (30%), due to low supply on the markets.

Similarly, there was an increased in the overall average retail price for sorghum by 77% compared to the long term average (2013-16), the price for sorghum across the region is expected to increase in May due to scarcity.

BEANS

Figure 3. Beans retail price changes Apr– 2017



Overall, there was a slight increase by 3% in the average retail price for beans in April 2017 compared to March, and the increase was mainly in Napak (17%) and Nakapiripirit (13%), due to increased demand. Moroto observed a price reduction by 20%, due to increased supply on the market.

In April 2017, the overall average retail price for beans was higher by 12% compared to April 2016. Kotido (23%) and Kaabong (17%), observed the highest increase, due to scarcity.

Similarly, overall average retail price for beans increased by 26% in April 2017 compared to the long term average (2013-16).

GOATS

Table 1: Goats retail price changes for Apr- 2017

Market	Current (Apr 2017)	% Change from:		
		Mar-17	Apr-16	Av 2013-16
Moroto	60,000	-64.7%	-64.7%	-59.5%
Nakapiripirit	62,500	-13.8%	-34.9%	-25%
Napak	40,000	-75%	-76.5%	-69.5%
Kotido	78,750	0%	21.2%	1.1%
Kaabong	102,500	17.1%	12.3%	8.6%
Abim	81,250	6%		
Amudat	62,500	-3.8%	-54.8%	-54.8%
<b>Average</b>	<b>69,643</b>	<b>-31.4%</b>	<b>-42.8%</b>	<b>-38%</b>

Generally, the average price for goats continue to decline with an observed reduction of 31% in April 2017 compared to March, due to increased supply on the markets. Pastoralist sell more animals during the lean season as they try to meet their food needs. Price decrease was more significant in Moroto (65%) and Napak (65%). Analysis further indicated that Kaabong that observed minor changes in the food prices in April realized a price increase for goats by 17%.

Similarly, the average price for goats was significantly lower April 2017 compared to April 2016 and the long term average (2013-16) by 43% and 38% respectively, indicating a reduction in the purchasing power among pastoral households as food prices keep increasing.

## LABOR

Table 2: Changes in Daily Wage Rates Apr-2017

Market	Current (Apr 2017)	% Change from:		
		Mar-17	Apr-16	Av 2013-16
Moroto	5,000	0%	0%	5.3%
Nakapiripirit	4,000	33.3%	33.3%	36.2%
Napak	5,000	0%	0%	6.7%
Kotido	2,500	21.2%	37.9%	13.5%
Kaabong	5,000	0%	0%	42.9%
Abim	3,000	-30.8%		
Amudat				
<b>Average</b>	<b>4,083</b>	<b>0.4%</b>	<b>3%</b>	<b>12.9%</b>

In April 2017, there was no change in the average wage rates compared to March. However, the labor wage rates increased in Nakapiripirit (33%) and Kotido (21%), and this is attributable to increasing demand for agricultural labor.

Compared to April 2016, there was a minor increase by 3% in the wage rates during the month. Similarly, average wage rate was high by 13% in April 2017 compared to the long term average (2013-16), and more so in Kaabong (43%) and Nakapiripirit (36%).

## TERMS OF TRADE

The major sources of income in Karamoja are from casual labour and the sale of goats. The table below shows the latest trend of purchasing power of labour and goats averaged across the seven districts in Karamoja.

Description	Apr-17	Mar-17	Apr-16
Kg of maize/goat	44	67	98
Kg of maize/day's wage	2.4	2.7	3.4

Generally, the term of trade for both goats and wage labor against maize grain continue to deteriorate. Compared to March 2017, revenue from the sale of a medium sized goat would purchase only 44 kilograms of maize grain in April, indicating a decrease by 23 kilograms. Furthermore, average wage earnings would purchase less quantities of maize grain by 300 grams. The deterioration is attributed to increasing prices for commodities and continued decline in the prices for goats in Karamoja. This indicates reduced purchasing power among pastoralists and agricultural wage laborers.

Furthermore, analysis indicates that the terms of trade were lower in April 2017 compared to the same period in 2016. The terms of trade are expected to continue deteriorating for the next two months.

## SUMMARY BY DISTRICT

### MOROTO

Compared to March 2017, the average retail prices for maize grain and sorghum in April increased by 19% and 13% respectively, due to low supply on markets. The price for beans reduced by 20%. However, average prices for all commodities remain high compared to April 2017.

### NAKAPIRIPIRIT

In April 2017, the average retail prices for all commodities were significantly high compared to March 2017 and same period in 2016, and this is due to increasing demand. Similarly, the average labor wage rate increased by 33%, resulting from the onset of the rains as farmers start agricultural work.

### NAPAK

There was an observed increase in the average retail prices for maize grain, sorghum and beans in April 2017 compared to March by 27%, 14% and 17% respectively, due to scarcity on markets. Average prices remain high compared to April 2016. Furthermore, average price for goats continue to decline, indicating a deterioration in the purchasing power among pastoralists.

### KOTIDO

While the average retail price for sorghum and beans increased by 21% and 7% respectively during the Month compare to March 2017, the price for maize grain remained stable. The average prices for all commodities remain significantly high compared to same period in 2016.

### KAABONG

In April 2017, the average retail price for maize grain, sorghum and beans were relatively stable compared to March. However, average prices for all commodities except sorghum were high compared to April 2016. The price for sorghum reduced by 13% compared April 2016.

### ABIM

Compared to March, the average retail price for sorghum and beans were high by 68% and 17% respectively, and this is attributed to reduced supply on the market. However, the price for maize grain reduced by 8% compared to March 2017.

### AMUDAT

The average prices for maize grain (7%), beans (5%) and maize flour (3%) were slightly high compared to March 2017, due to reduced demand as households have started harvesting green vegetables.

Figure 4. Maize Grain Price Trends

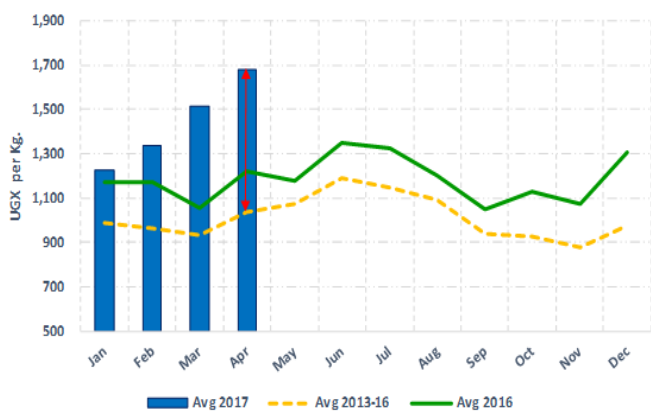


Figure 7. Maize Flour Price Trends

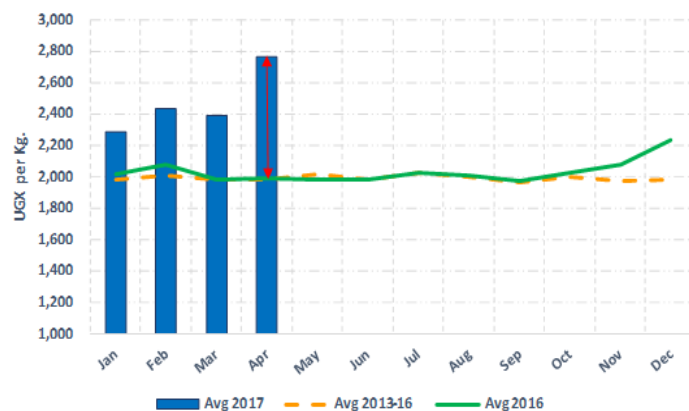


Figure 5. Sorghum Grain Price Trends

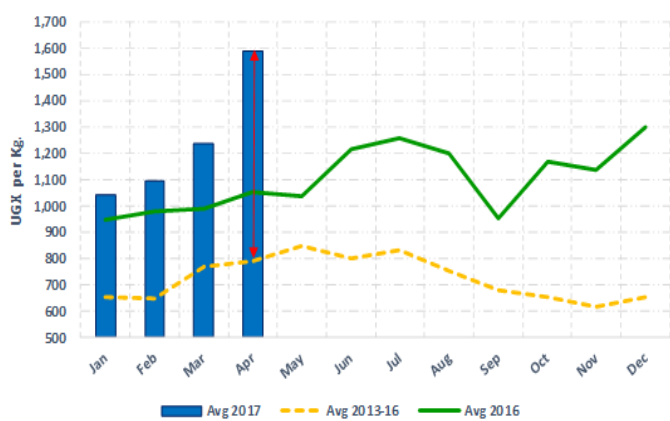


Figure 8. Terms of Trade Goats vs Maize grain

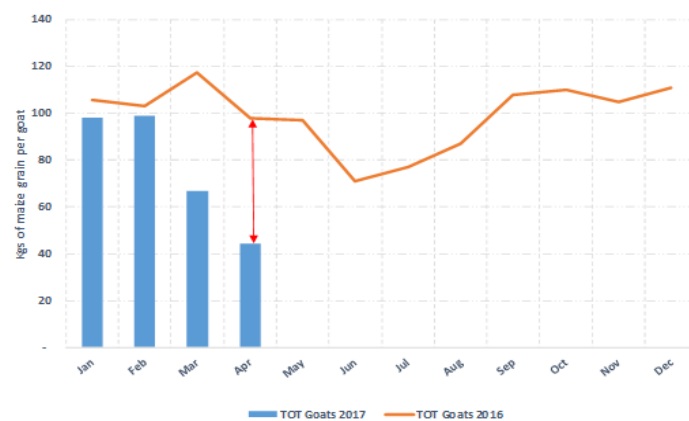


Figure 6. Beans Price Trends

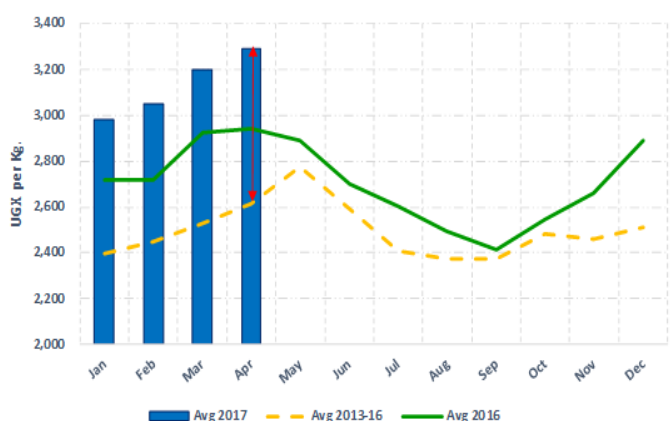


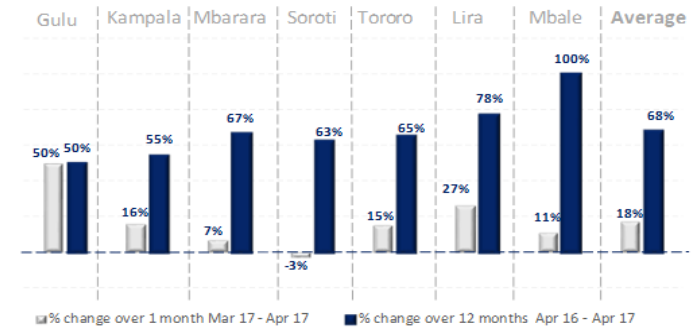
Figure 9. Terms of Trade Labour vs Maize grain



This section provides a snapshot of the price fluctuations and projections of beans and maize grain for selected markets in various regions of the country. Price data is collected by WFP staff at Sub offices in their respective areas of operation. The primary criteria for selecting the markets included in the analysis is their trade influence in food commodities in their respective regions and the relative consistency of data for the selected food commodities. More markets will be included in the analysis as we improve on the consistency of our data collection.

**CEREALS**

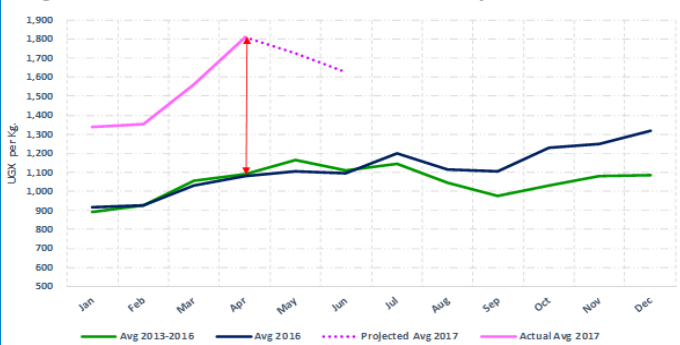
**Fig. 10: Maize Grain Retail Price Changes Apr -2017**



Compared to March 2017, there was an overall increase by 18% in the average retail price for maize grain across the country. The increase was significant in Gulu (50%), Lira (27%) and Kampala (16%), due to a decrease in the supply on markets.

Similarly, the average price for maize grain increased by 68% in April 2017 compared to April 2016, due to the poor harvest in 2016 across the country. Furthermore, the average price was high by more than half in all districts.

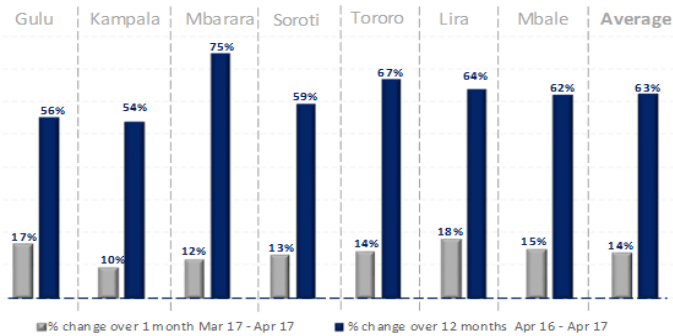
**Fig. 11: Maize Grain Price Trend & Projection: Jun-2017**



Source: WFP AME Projections

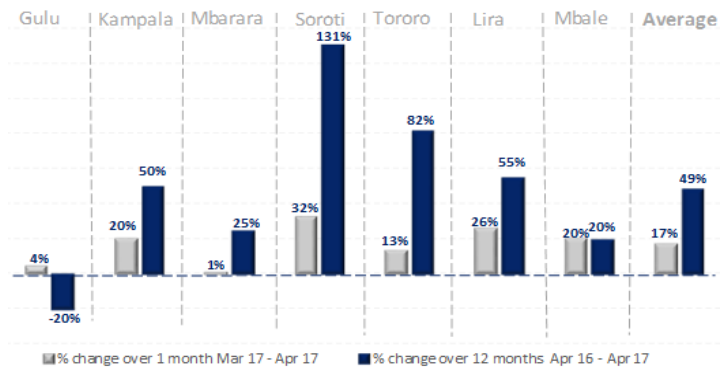
However, the price for maize grain is expected to reduce in May, all through to June due to the first season harvest across the country in the second half of May and early June 2017.

**Fig. 12: Maize flour retail price changes Apr -2017**



There was a general price increase by 14% in the average retail price for maize flour across the country in April 2017 compared to March. Lira (18%), Gulu (17%) and Mbale (15%) observed a high price increase, due to increased demand.

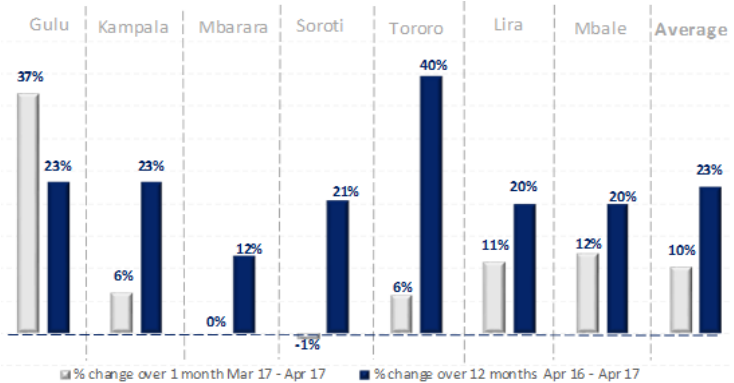
**Fig. 13: Sorghum Retail Price Changes Apr -2017**



In April 2017, the overall average price for sorghum was high by 17%. The increase was more significant in Soroti (32%), Lira (26%) and Mbale (20%), mainly due to increasing demand from Karamoja. Both districts are the main suppliers for the region, particularly during the lean season. Compared to April 2016, the average price for sorghum was high by 49%, the highest increase was in Soroti (131%) and Tororo.

**BEANS**

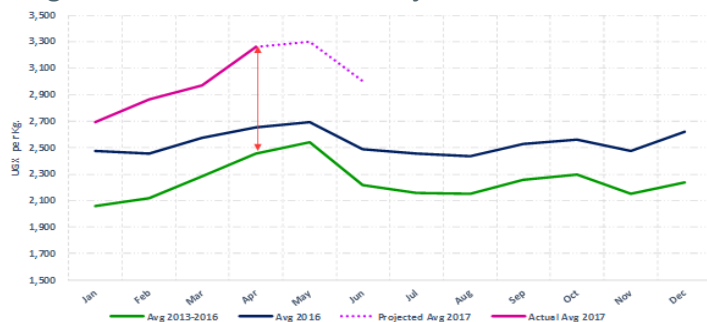
**Fig. 14: Beans Retail Price Changes Jun -2017**



Generally, there was an increase in the average price for beans in April 2017 by 10% compared to March and mainly in Gulu (37%) and Mbale (13%), due to low supply on market.

Compared to April 2016, the overall average price for beans was high by 23% across the country in April 2017.

**Fig. 15: Beans Price Trend & Projection: Jun -2017**



Source: WFP AME Projections

The average price for beans is expected to remain stable in May with a decline anticipated in June, due to an increase in the supply on the market as farmers might start harvesting their first season harvest.

## SECTION FOUR: PRICE CHANGES FOR KEY SELECTED COMMODITIES

Current Retail Price: April 2017			Current Price(Ushs.)	Price change (%)			
Region	District/Market	Major Commodities		1 M	1 Y	1 M	1 Y
Karamoja	Moroto	Maize grain (per Kg)	1,900	19%	27%	↑	↑
		Sorghum (per Kg)	1,700	13%	31%	↑	↑
		Beans (per Kg)	3,200	-20%	7%	↓	↔
		Medium size goat	60,000	-65%	-65%	↓	↓
		Daily labour wage	5,000	0%	0%	↔	↔
	Nakapiripirit	Maize grain (per Kg)	2,200	29%	120%	↑	↑
		Sorghum (per Kg)	2,200	57%	144%	↑	↑
		Beans (per Kg)	3,400	13%	13%	↑	↔
		Medium size goat	62,500	-14%	-35%	↓	↓
		Daily labour wage	4,000	33%	33%	↑	↑
	Napak	Maize grain (per Kg)	1,900	27%	41%	↑	↑
		Sorghum (per Kg)	1,600	14%	33%	↑	↑
		Beans (per Kg)	3,000	17%	7%	↑	↔
		Medium size goat	40,000	-75%	-76%	↓	↓
		Daily labour wage	5,000	0%	0%	↔	↔
	Kotido	Maize grain (per Kg)	1,450	0%	45%	↔	↑
		Sorghum (per Kg)	1,300	21%	44%	↑	↑
		Beans (per Kg)	3,500	7%	23%	↑	↑
		Medium size goat	78,750	0%	21%	↔	↑
		Daily labour wage	2,500	21%	38%	↑	↑
	Kaabong	Maize grain (per Kg)	1,115	-1%	15%	↔	↔
		Sorghum (per Kg)	844	-1%	-13%	↔	↔
		Beans (per Kg)	3,500	-1%	17%	↔	↑
		Medium size goat	102,500	17%	12%	↑	↔
		Daily labour wage	5,000	0%	0%	↔	↔
	Abim	Maize grain (per Kg)	1,600	-8%		↓	
		Sorghum (per Kg)	1,900	68%		↑	
		Beans (per Kg)	2,950	11%		↑	
		Medium size goat	81,250	6%		↑	
		Daily labour wage	3,000	-31%		↓	
Amudat	Maize grain (per Kg)	1,600	7%	7%	↑	↔	
	Sorghum (per Kg)						
	Beans (per Kg)	3,500	4%	17%	↔	↑	
	Medium size goat	62,500	-4%	-55%	↔	↓	
	Daily labour wage						
Central	Kampala/Owino	Maize grain (per Kg)	1,933	16%	55%	↑	↑
		Maize flour (per Kg)	2,845	10%	54%	↑	↑
		Sorghum (per Kg)	3,000	20%	50%	↑	↑
		Beans (per Kg)	3,644	6%	23%	↑	↑
Western	Mbarara	Maize grain (per Kg)	1,500	7%	67%	↑	↑
		Maize flour (per Kg)	3,500	12%	75%	↑	↑
		Sorghum (per Kg)	3,200	1%	25%	↔	↑
		Beans (per Kg)	2,800	0%	12%	↔	↔
Eastern	Tororo	Maize grain (per Kg)	1,900	15%	65%	↑	↑
		Maize flour (per Kg)	2,800	14%	67%	↑	↑
		Sorghum (per Kg)	1,725	13%	82%	↑	↑
		Beans (per Kg)	3,600	6%	40%	↑	↑
	Mbale	Maize grain (per Kg)	2,000	11%	100%	↑	↑
		Maize flour (per Kg)	2,800	15%	62%	↑	↑
		Sorghum (per Kg)	1,800	20%	20%	↑	↑
		Beans (per Kg)	3,000	12%	20%	↑	↑
Northern	Gulu	Maize grain (per Kg)	1,800	50%	50%	↑	↑
		Maize flour (per Kg)	2,800	17%	56%	↑	↑
		Sorghum (per Kg)	1,200	4%	-20%	↔	↓
		Beans (per Kg)	3,700	37%	23%	↑	↑
	Soroti	Maize grain (per Kg)	1,750	-3%	63%	↔	↑
		Maize flour (per Kg)	2,950	13%	59%	↑	↑
		Sorghum (per Kg)	1,675	32%	131%	↑	↑
		Beans (per Kg)	3,075	-1%	21%	↔	↑
	Lira	Maize grain (per Kg)	1,775	27%	78%	↑	↑
		Maize flour (per Kg)	2,950	18%	64%	↑	↑
		Sorghum (per Kg)	1,550	26%	55%	↑	↑
		Beans (per Kg)	3,000	11%	20%	↑	↑

↑ 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= March 2017 compared to April 2017

1Y= April 2016 compared to April 2017