

# Vulnerability Analysis and Mapping (VAM) - Afghanistan

# Initial Market Price Bulletin for the month of December 2015 (Reported in January 2016)

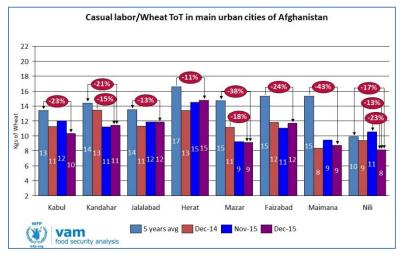
## HIGHLIGHTS:

- Wheat: Average wheat grain retail price in the main cities' markets of the country was slightly fluctuating in 2013 and 2014. In 2015, it was decreasing from January August, and negligibly increased from August to December.
- The current average wheat price in main cities' markets of Afghanistan (AFN 24.6/Kg) is lower by 0.4% compared to the same time last year (December 2014), but significantly higher by 15.5% compared to the last 5-year average price of the same months (Decembers 2010 2014).
- Wheat flour (High Price) retail price in main cities' markets of Afghanistan was relatively stable in 2013 and up to September 2014. Then, it was slightly decreasing from September 2014 to May 2015, and then negligibly increased from June October 2015 and negligibly decreased in November and December 2015. The current retail price (AFN 30.4/kg) is negligibly higher by 1.5% compared to the same month last year (December 2014), but slightly higher by 8.0% compared to the last 5-year average price of the same months.
- Rice is considered as the 2<sup>nd</sup> main staple food in Afghanistan. The current average retail price of Low Quality Rice (AFN 40.3/kg) is lower by 3.1% compared to the same month last year (December 2014), while negligibly higher by 2.2% compared to the last 5-year average price of the same months. The current average price of High Quality Rice (AFN 78.2/kg) is slightly lower by 10.4% compared to the same month last year (December 2014), but slightly higher by 6.2% compared to the last 5-year average price of the same months.

**Terms of Trade (ToT** 

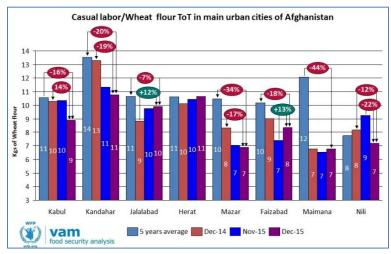
<u>Casual Labor and Wheat (ToT):</u> The Terms of Trade (ToT) between casual Labor and wheat is a proxy indicator or the purchasing capacity of households mainly relying on casual labor as main income, and purchase of wheat in the market. This ToT reveals how many Kilograms of wheat can be purchased with one- day casual unskilled labor wage, but does not say how many days a month a laborer can get to cover the family food needs.

- Wage labor/Wheat average ToT for the reporting month was 10.7 Kgs of Wheat. On average, this ToT deteriorated (by 4.2%) from November to December 2015, mainly due to increased wheat price (by 1.3 %) and decreased labor wage (by 4.0%). In the last three proceeding years, this deterioration was also experienced in November December 2014 (by 3.1%), November December 2013 (by 3.3%), November December 2012 (by 2.7%),
- In comparison to the same month one year ago (December 2014), this ToT negligibly deteriorated by 4.6%, mainly due to decreased labor wage (by 5.9%).
- On the two-year comparison (December 2013), this ToT significantly deteriorated by 16.3%.
- Compared to the 5-year average of the same months (Decembers 2010 - 2014), this ToT significantly deteriorated by 24.2%.



Casual Labor and High Price Wheat flour (ToT): The Terms of Trade (ToT) between casual Labor and High Price Wheat Flour is a proxy indicator or the purchasing capacity of households mainly relying on casual labor as main income, and purchase of Wheat Flour in the market. This ToT reveals how many Kilograms of Wheat Flour (HP) can be purchased with one-day casual unskilled labor wage, but does not say how many days a month a laborer can get to cover the family food needs.

Wage labor/Wheat flour (HP) average ToT for the reporting month was 8.7 Kgs of Wheat flour which slightly deteriorated by 3.7% from November to December 2015, mainly related to decreased labor wage (by 4.0%). In the last three proceeding years, this deterioration was also experienced in November - December 2014 (by

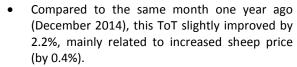




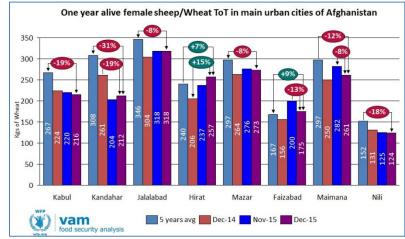
- 0.7%), November December 2013(by 2.9%) and November December 2012 (by 2.2%).
- Compared to the same month one year ago (December 2014), this ToT slightly deteriorated by 7.2%, mainly related to decrease in labor wage (by 5.9%) and increased wheat flour price (by 1.5%).
- On the two-year comparison (December), this ToT deteriorated by 10.4%.
- Compared to the 5-year average of the same months (December s 2010-2014), this ToT significantly deteriorated by 19.2%.

<u>Sheep and Wheat (ToT):</u> The Terms of Trade between a one year old female sheep and Wheat is a proxy for the purchasing capacity of those households mainly relying on income from livestock (pastoralists). It says how many kilograms of Wheat can be obtained when selling a one year old female sheep.

Sheep/Wheat average ToT for the reporting month was 230 Kgs of wheat against one- year alive female sheep, which slightly deteriorated by 1.4% from November - December 2015, mainly due to increase wheat price (by 1.3%) and decreased sheep price (by 0.1%). In the last three proceeding years, this deterioration was also experienced in November - December 2014 (by 4.5%); November - December 2013(by 2.1%), while it remind unchanged in November - December 2012.



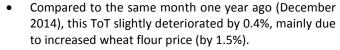
- On the two-year comparison (December 2013), this ToT deteriorated by 4.9%.
- Compared to 5-year average of the same months (Decembers 2010-2014), this ToT significantly deteriorated by 11.5%.



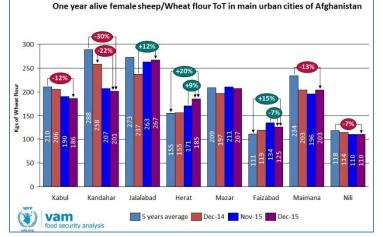
<u>Sheep and High Price Wheat flour (ToT):</u> The Terms of Trade between a one year old female sheep and High Price Wheat Flour is a proxy for the purchasing capacity of those households mainly relying on income from livestock (pastoralists). It says how many

kilograms of Wheat Flour (HP) can be obtained when selling a one year old female sheep.

Sheep-Wheat flour (HP) average ToT for the reporting month was 185.4 Kgs of Wheat flour against one-year alive female sheep, which negligibly improved by 0.3% from November - December 2015, mainly due to decreased wheat flour price (by 0.3%). In the last three proceeding years, this improvement was experienced only in November - December 2012 (by 0.6%), While a deterioration was seen in November - December 2013 (by 1.8%).



- On the two-year comparison (December r 2013), this ToT improved by 1.2%.
- Compared to 5-year average of the same months (December s 2010-2014), this ToT deteriorated by 7.2%.



#### **Retail Price of Wheat Grain in Main Urban Cities:**

The monthly average price of Wheat in main cities' markets of Afghanistan was AFN 24.6/Kg in December 2015. Compared to the past month (November 2015), the average price slightly increased by 1.3%. The highest increase only occurred in Maimana (by 8.2%), mainly related to increased purchase of bulk of local wheat for milling purposes, while reduced wheat availability in the market due to decreased supply from source points as well as depreciation of Afghan currency against US dollar. The variation in other main cities was within a normal range (-1.9% to 3.0%). During the last three proceeding years, this increase was also experienced in November – December 2014 (by 1.1%), November – December 2013 (by 1.3%) and November – December 2012 (by 0.1%).

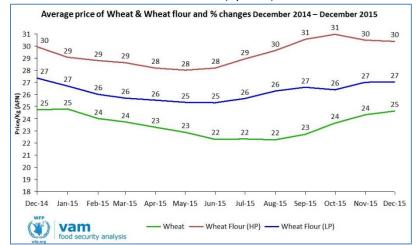


- Compared to the same month one year ago (December 2014), the average wheat price slightly decreased by 0.4%. The variation in the all main cities was within a normal range (-9.2% to 4.1%).
- On the two-year comparison (December 2013), the average price slightly increased by 8.5%.
- Compared to the last 5-year average price of the same months (December s 2010 2014), the average price significantly increased by 15.5%.

#### **Retail Price of Wheat flour in Main Urban Cities:**

#### Wheat flour (High Price):

- The monthly average price of Wheat flour (High Price) in main cities' markets was AFN 30.4/Kg in the reporting month (December 2015). The average price negligibly decreased by 0.3% compared to the previous month (November 2015). The highest increase occurred in Kandahar (5.3%), while the variation in the remaining main cities was within a normal limit (-3.9% to 2.2%).
  - In the last three proceeding years, this decrease was experienced only in November December 2014 (by 1.7%) and November December 2012 (by 0.4%), while an increase was observed in November December 2013 (by 1.0%).
- Compared to the same month one year ago (December 2014), the current average price negligibly increased by 1.5%, mainly due to depreciation of Afghan currency against US dollar. The highest increase occurred in Kabul (by 10.7%) t and the highest decrease occurred in Jalalabd (11%), the variation in all other main cities was within a normal range (-4.8% to 9.9).
- Compared to the same month two years ago (December 2013), the average price of wheat flour slightly increased by 1.9%.
- Compared to 5-year average price of the same months (Decembers 2010 – 2014), the average price slightly increased by 8.0%.



Wheat flour (Low Price): The monthly average price of Wheat flour (Low Price) in main cities' markets was AFN 27.1/Kg in the reporting month (December 2015). The average price negligibly increased by 0.1% compared to previous month (November 2015). The highest increase occurred only in Kandahar (5.1%) and the highest decrease occurred in Maimana (5%), the variation in other main cities was within a normal range (-3.4% to 3.1%). In the last three proceeding years, this increase was also experienced in November – December 2014 (by 0.1%), November – December 2013 (by 2.3%), while a decrease was observed in November – December 2012 (by 0.7%).

- Compared to the same month one year ago (December 2014), the current average price slightly decreased by 1.2%. The largest decrease only occurred in Jalalabad (11.3%), mainly due to maintained supply of imported wheat flour from Pakistan. The variation in other main cities was within a normal range (-5.5% to 5.2%).
- Compared to the same month two years ago (December 2013), the average price negligibly decreased by 0.8%.
- Compared to 5-year average price of the same months (Decembers 2010 2014), the average price slightly increased by 9.6%.

## **Retail Price of Rice in Main Urban Cities:**

Rice (High Quality): The monthly average price of Rice (High Quality) in main cities' markets was AFN 78.2/Kg in the reporting month (December 2015) which negligibly decreased by 1.0% compared to previous month (November 2015). The largest decrease occurred only in Maimana (15.5%). The variation in other main cities' markets was within a normal limit (0.0% to 1.3%), except Kandahar observed an increase (by 10.0%). In the last three proceeding years, this decrease was experienced in November – December 2014 (by 0.4%), November – December 2013 (by 1.1%), while the price increased in November – December 2012 (by 1.0%).

- Compared to the same month one year ago (December 2014), the average price decreased by 10.4%. The largest decrease occurred in Maimana (20.2%), Kabul (18.4%) and Hirat (11.7%), mainly due to maintained supply of rice from Pakistan and normalized price in border town markets after it had reached a ceiling level in the past years. The variation in other main cities was within a normal range (-2.2% up to 8.0%).
- Compared to the same month two years ago (December 2013), the average price significantly decreased by 10.6%.
- Compared to 5-year average price of the some months (Decembers 2010 2014), the average price slightly increased by 6.2%.



Rice (Low Quality): The monthly average price of Rice (Low Quality) in main cities' markets was AFN 40.3/Kg in the reporting month (December 2015), which negligibly increased by 0.1% compared to the previous month (November 2015). The largest increase occurred in Hirat (9.6%) and Kandahar (6.9%). The variation in all main cities was within a normal range (-2.2% to 0.0%), except Maimana observed a decrease (by 7.5%).

In the last three proceeding years, this increase was experienced in November – December 2014 (by 0.5%) and November - December 2012 (by 4.7%), while the price decreased in November - December 2014 (by 0.6%).

- Compared to the same month one year ago (December 2014), the average price decreased by 3.1%. The largest decrease only occurred in Nili (11.8%), mainly related to maintained supply of rice from Pakistan. The variation in the remaining main cities was within a normal range (-8.2% to 3.2%).
- Compared to the same month two years ago (December 2013), the average price significantly decreased by 11.3%.
- (December s 2010 2014), the average price negligibly increased by 2.2%.

Compared to 5-year average price of same months



# **Retail Price of Cooking Oil in Main Urban Cities:**

The monthly average price of Cooking Oil in main cities' markets was AFN 77.2/Kg in the reporting month (December 2015), which negligibly decreased by 0.2% compared to previous month (November 2015). The variation in all main cities was within a normal range (-4.0% to 2.3%). This decrease was experienced in the last three preceding years, in November – December 2014 (by 0.7%), November – December 2013 (by 0.3%), and in November – December 2012 (by 1.0%).

- Compared to the same month one year ago (December 2014), the average price negligibly decreased by 1.3%, mainly due to maintained supply of oil from Pakistan. However, there was a drastic increase in Kandahar (by 31.2%) due to reduced supply from Pakistan. The variation in other main cities was within a normal limit (-0.3% to --8.3%).
- Compared to the same month two years ago (December 2013), the average price slightly decreased by 6.4%.
- Compared to 5-year average of the same months (Decembers 2010 2014), the average price slightly decreased by 5.5%.

## Retail Price of Salt, Sugar and No. of days averagely worked by a labourer:

Salt: The monthly average price of Salt in December 2015 in main cities' markets was AFN 13.8/Kg, which negligibly increased by 0.7% compared to previous month (November 2015). Compared to the same month last year (December 2014), the average price negligibly decreased by 0.5%.

Sugar: The monthly average price of Sugar in December 2015 in main cities' markets was AFN 44.3/Kg, which slightly increased by 3.3% compared to previous month (November 2015). The highest increase occurred in Kandahar (6.2%) and Maimana (6.1%), mainly due to depreciation of Afghan currency against US dollar and reduced supply of sugar from Pakistan. The variation in other main cities was within a normal limit (0.0% to 4.9%). Compared to the same month last year (December 2014), the average price negligibly increased by 0.1%.

- Number of days averagely worked by a labourer: The monthly average number of days worked by a laborer during December 2015 was reported at 10days. The highest number of working days was in Hirat (16 days), followed by Jalalabad (14days), Kabul (12 days), , and while the lowest number of working days was Faizabad (4 days), Kandahar, Maimana, Nili and Mazar (8 days). Overall, compared to the past month it decreased by 2.1 days per month related to a decrease by 8 days per month in Kabul, 7 days in Nili and 3.8 days in Maimana. While, it increased by 1.5 in Jalalabad and one day in Faizabad. The average number of working days remained unchanged in other main cities.
- Compared to the same month last year (December 2014), the average number of working days slightly decreased by 0.9 day per month.



# **Market Watch:**

	NAME OF THE OWNER.	Current Price		Price change (%)				AL	erage		Martin	8.84	Current Price	Price change			Aver			age
Markets	Major Comm	per Kg	5 Y Ave	24	17	1M	5 Y Ave	2 Y	17	1M	Markets	Major Comm	in AFN	5 Y Ave	2 Y	18	1M	5Y Ave 2	Y 1Y	Y
KABUL	Wheat	25.5	18.2	9.7	4.1	2.0	•	•	Þ	<b>&gt;</b>	Livestock-One year	live Sheep (Female)	1,0							
	Wheat flour (HP)	29.6	7.8	2.2	10.7	2.2	>	•	<b>A</b>	Þ	KABUL	Sheep	5,500	-3.5	-1.8	0.0	0.0	<b>&gt;</b> >	<b>•</b> •	
	Rice High Quality	80.0	4.0	-16.7	-18.4	0.0	•	Y		>	KANDAHAR	Sheep	5,600	-18.3	-12.7	-17.6	2.4	w v		
	Rice Low Qaulity	58.0	47.2	17.2	16.0	0.0	*	*	_	•	JALALABAD	Sheep	7,000	1.6	7.7	0.0	0.0	<b>&gt; &gt;</b>	• •	•
	Cooking Oil	78.0	-5.6	-7.4	-4.3	1.3	>	•	•	•	HIRAT	Sheep	5,225	19.1	13.6	13.6	6.6	A A		
KANDAHAR	Wheat	26.4	16.8	4.8	1.3	-1.9	•	•	•	-	MAZAR	Sheep	6,000	11.2	0.0	3.4	0.0	<b>A</b>	<b>&gt; &gt;</b>	•
	Wheat flour (HP)	27.9	15.5	1.4	5.8	5.3	•	<b>&gt;</b>	<b>&gt;</b>	•	FAIZABAD	Sheep	4,500	27.1	18.4	15.4	-10.0	A 4		
	Rice High Quality	70.2	7.0	-11.7	-8.0	10.0	•	-	<b>&gt;</b>	_	MAIMANA	Sheep	6,000	2.0	0.0	0.0	0.0	<b>&gt;</b> )	<b>&gt; &gt;</b>	•
	Rice Low Qaulity	27.3	-7.3	1.6	-6.5	6.9	>	<b>&gt;</b>	>	•	NILI	Sheep	4,000	-5.2	14.3	-1.2	0.0	<b>&gt;</b> 4	<b>\</b>	-
	Cooking Oil	74.3	12.1	7.3	31.2	-4.0	<b>A</b>	-	_	>	Terms of Trade	Kg	s of Wheat/Wheat f	lour						
JALALABAD	Wheat	22.0	10.7	3.5	-4.3	0.0	<b>A</b>	•	•	•	KABUL	Casual Labor/Wheat	10.3	-23.3	-20.1	-8.1	-14.0	w w	•	Ī
	Wheat flour (HP)	26.3	3.9	-3.7	-11.0	-1.4	•	<b>&gt;</b>		•	KANDAHAR	Casual Labor/Wheat	11.4	-21.2	-18.2	-15.4	1.9	W W		,
	Rice High Quality	76.0	15.5	-2.6	-7.9	0.0	<b>A</b>	•	•	>	JALALABAD	Casual Labor/Wheat	11.8	-12.7	-3.4	4.5	0.0	₩ ▶	•	
	Rice Low Qaulity	29.5	-22.6	-42.2	-1.7	0.0	•	•	<b>•</b>	Þ	HIBAT	Casual Labor/Wheat	14.8	-10.8	-2.6	10.2	1.8	<b>V</b>	_	
	Cooking Oil	74.0	-6.0	-5.7	-3.8	0.0	•	>	<b>&gt;</b>	•	MAZAR-	Casual Labor/Wheat	9.1	-38.4	-27.1	-18.4	-1.2	W W		ï
HIRAT	Wheat	20.3	10.1	2.7	-9.2	-1.8		•	•	•	FAIZABAD	Casual Labor/Wheat	11.7	-24.0	-22.3	-1.2	5.9	<b>y</b> ¥	<b>/ b</b>	•
	Wheat flour (HP)	28.2	-0.8	-3.0	-4.8	-1.8	>	<b>&gt;</b>	<b>&gt;</b>	•	MAIMANA	Casual Labor/Wheat	8.7	-43.3	-27.0	4.3	-7.6	¥ ¥	, >	
	Rice High Quality	60.7	-3.8	-15.3	-11.7	1.3	•	¥	¥	<b>&gt;</b>	NILI	Casual Labor/Wheat	8.1	-17.4	-9.1	-12.9	-22.8	<b>W</b>	<b>y</b>	,
	Rice Low Qaulity	27.4	4.2	10.5	3.8	9.6	•	<b>A</b>	•	<b>A</b>	KABUL	Sheep //Wheat	215.7	-19.3	-10.5	-3.9	-2.0	V V	•	
	Cooking Oil	67.4	-9.9	-8.2	-3.4	0.6	•	•	•	<b>&gt;</b>	KANDAHAR	Sheep /Wheat	212.3	-31.0	-16.7	-18.7	4.3	<b>v</b> v	, A	••••
MAZAR	Wheat	22.0	19.4	14.3	0.0	1.1			•	•	JALALABAD	Sheep //Wheat	318.2	-8.0	4.0	4.5	0.0	<b>b</b>	· )	<b>&gt;</b>
	Wheat flour (HP)	29.0	12.0	9.4	-1.7	1.8		>	<b>&gt;</b>	>	HIBAT	Sheep /Wheat	257.4	7.2		25.1	8.6	<b>&gt;</b> A		
	Rice High Quality	80.0	6.0	-9.1	-8.0	0.0	· · · · · · · · · · · · · · · · · · ·	<b>&gt;</b>	<b>&gt;</b>	>	MAZAR	Sheep /Wheat	272.7	·	-12.5	3.4	-1.1	> y	•	<b>&gt;</b>
	Rice Low Qaulity	38.0		-11.6	-5.0	0.0			<b>&gt;</b>	>	FAIZABAD	Sheep /Wheat	174.8		-8.0	12.0	-12.6	<b>&gt;</b> >		
	Cooking Oil	77.8	-4.2	-2.8	-0.3	2.3	•	<b>&gt;</b>	<b>&gt;</b>	<b>&gt;</b>	MAIMANA	Sheep //Wheat	260.9	-12.2	-8.7	4.3	-7.6	<b>V</b>	<b>&gt; &gt;</b>	<u> </u>
FAIZABAD	Wheat	25.8	21.1	28.8	3.0	3.0	A		•	•	NILI	Sheep //Wheat	124.0	-18.2	13.7	-5.1	-0.8	<b>W</b>	. >	,
	Wheat flour (HP)	36.0	13.2	9.1	9.9	-3.4	<b>A</b>	•	<b>&gt;</b>	•	KABUL	Casual Labor/Wheat flour	8.9	-16.1	-14.3	-13.8	-14.3	w w		-
	Rice High Quality	90.0	16.6	-8.2	-2.2	0.6		<b>&gt;</b>	<b></b>	•	KANDAHAR	Casual Labor/Wheat flour	10.8		-15.4	-19.0	-5.0	w w	, ,	,
	Rice Low Qaulity	45.0		-15.1	-8.2	-2.2	·····		<b>&gt;</b>	•	JALALABAD	Casual Labor/Wheat flour	9.9		3.8	12.4		<b>&gt;</b> >		<u> </u>
	Cooking Oil	91.5		-15.3	-7.1	0.5		w	•	<u> </u>	HIBAT	Casual Labor/Wheat flour	10.6		3.1	5.1	1.9	<b>b</b> b	<b> </b>	
MAIMANA	Wheat	23.0	14.0	9.5	-4.2	8.2		•	•	•	MAZAR	Casual Labor/Wheat flour	6.9		-23.9	-17.0	-1.7	w w		,
	Wheat flour (HP)	29.5	13.7	1.7	0.0	-3.9		•	•	-	FAIZABAD	Casual Labor/Wheat flour	8.3	-18.1	-8.3	-7.5	12.9	<b>v</b>	. 1	
	Rice High Quality	75.0		-17.6	-20.2	-15.5	<b>-</b>	•	•	•	MAIMANA	Casual Labor/Wheat flour	6.8		-21.4	0.0	4.0	¥ 1	7	<u> </u>
	Rice Low Qaulity	37.0	-10.5	-22.9	-7.5	-7.5	*		>		NILI	Casual Labor/Wheat flour	7.2	-7.0	-7.1	-12.0	-22.2	<b>&gt;</b> 1	7	
	Cooking Oil	80.0	-7.4	-1.2	-3.6	-1.9	>	•	•	•	KABUL	Sheep /Wheat flour	185.7	-11.6	-3.9	-9.7	-2.1	w l	• •	-
NILI	Wheat	32.3	13.5	0.5	4.0	0.8	•	•	>	•	KANDAHAR	Sheep //Wheat flour	201.1	-30.3	-13.9	-22.1	-2.7	<b>y</b> 1	, ,	,
	Wheat flour (HP)	36.5	1.2	-1.7	2.8	0.0	>	>	Þ	>	JALALABAD	Sheep //Wheat flour	266.7	-2.3	11.8	12.4	1.4	<b>&gt;</b> ,		
	Rice High Quality	94.0	6.2	-4.1	-6.0	0.0		•	•	Þ	HIRAT	Sheep /Wheat flour	185.3	19.7	17.1	19.3	8.6	A A		
	Rice Low Qaulity	60.0	9.1		-11.8	0.0		¥	*	>	MAZAR	Sheep //wheat flour	206.9	-0.9	-8.6	5.2	-1.7	<b>&gt;</b> 1		
	Cooking Oil	75.0	-9.2	-12.8	-8.3	0.0				•	FAIZABAD	Sheep //Wheat flour	125.0	12.5	8.6	5.0	-6.9	A >		
											MAIMANA	Sheep /Wheat flour	203.4	-13.1	-1.7	0.0	4.0	<b>V</b>		
											NILI	Sheep /Wheat flour	109.6	-7.1	16.2	-3.9	0.0	<b>A</b>		•

Source: WFP/VAM market data from Afghanistan main cities (Kabul, Kandahar, Mazar, Jalalabad, Faizabad, Hirat, Maimana and Nili)

Vulnerability Analysis and Mapping (VAM) – World Food Programme (WFP), Afghanistan

