

# JCTR RURAL BASKET: SHIKABETA AREA, CHONGWE

March 2013

## (A) BASIC FOOD ITEMS FOR AVERAGE SIZE FAMILY OF SEVEN IN SHIKABETA AREA

Monthly Food Needs – “Jan-Mar Ideal”		Average Actual Food Consumed – “Prevailing Situation”		
Item	Quantity	Item	Quantity	Common Means of Access
Maize Grain	100Kg	Maize Grain	56.6Kg	Harvest
Cassava Tubers	20 Kg	Fresh Maize Cobs	15.5Kg	Harvest
Eggs	300g	Chicken	2.9Kg	Reared
Chicken	5 Kg	Fresh Fish	6.7Kg	Fishing
Sweet Potatoes	10Kg	Dry fish	5.6Kg	Fishing
Fresh fish	5 kg	Beans	2.0Kg	K10, 000
Dry Fish	1 Kg	Meat (beef)	4.0Kg	Game-Caught
Beans	5 Kg	Groundnuts	4.9Kg	Harvest
Groundnuts	5 Kg	Tomatoes	2.3Kg	Harvest
Tomatoes	10 Kg	Onions	2.0Kg	K1, 000
Onions	2 Kg	Sweet potato Lvs	6.9Kg	Harvest
Rape	4 kg	Bondwe	12Kg	Harvest
Sweet Potatoes	2 Kg	Pumpkin Lvs	7.8Kg	Harvest
Pumpkin Leaves	3 Kg	Cassava Lvs	4.7Kg	Harvest
Sugar	2 Kg	Okra	5.2Kg	Harvest
Okra	2kg	Bananas	2.7Kg	Harvest
Salt	1 Kg	Sugar	2.1Kg	K8, 900
Cooking oil	2 litres	Salt	1.2Kg	K2, 400
		Cooking oil	0.9Litres	K18, 000
Avg. Calories / person / day		Avg. Calories / person / day	1,400	Deficit (-1,000)
Avg. Protein / person / day		Avg. Protein / person / day	53	Surplus (+23)
Avg. Calcium/ person / day		Avg. Calcium / person / day	1,064	Surplus (+614)
Avg. Iron / person / day		Avg. Iron / person / day	20	Surplus (+7)
Avg. Vit A / person / day		Avg. Vit A / person / day	2,728	Surplus (+2,092)

## (B) ESSENTIAL NON-FOOD ITEMS

Monthly Non-Food Needs			Average Actual Expenditure on Non-Food Needs		
Item	Quantity	Cost (K)	Item	Quantity	Cost (K)
Torch Batteries	6 cells	9,000	Torch Batteries	-	-
Matches	10 boxes	2,000	Matches	5 boxes	1,000
Bath Soap	4 tablets	18,000	Bath Soap	2 tablets	9,000
Wash Soap	2 x 400g boom	11,000	Wash Soap – Boom	1 x 400g	5,500
Vaseline	1 x 500 mLs	2,500	Milling	60 Kg	12,000
Lotion	2 x 500 mLs	20,000	Lotion	500 mLs	10,000
Milling	100Kgs	20,000			
Total Cost		K82, 500	Average Expenditure		K37, 500

**(C) ESSENTIAL SERVICES**

Service	Cost	Distance	Comment
Water			Only 1 borehole, usually used by few people travelling. 260 households rely on streams which tend to dry up after the rain season
Sanitation			16 latrines at schools and in good condition. 5 households with VIP latrines
Firewood			Charcoal not always available
Primary School	Time(1 hr)	500m - 18Km	Free at primary level. 7 teachers to 221 pupils. 108 OVCs
Basic School (8-9)	K200,000/term	500m - 51Km	2 teachers to 51 pupils. The section needs more teachers 24 OVCs
Clinic	-	500 m- 51Km	2 trained medical staff: 1 nurse and 1 clinical officer Coartem medicine always available
Transport (Shikabeta- Boma)/ (Shikabeta-Lusaka)	K50,000(4 hrs)/ K55,000(5 hrs)	200 Km/ 245 Km	
Agricultural Extension			Conducted Extension visits on regular basis
Hammer Mill	K4,000/tin	-	6 hammer mills in the area
Community Development	-	-	Roads in bad shape due to heavy rains in the past rain season. School, Clinic and Council has clean, piped water sourced from the 3 boreholes

**(D) PREVAILING LIVELIHOODS OF SELECT HOUSEHOLDS IN MARCH**

	Fishing	Chicken Rearing	Piece Work
Input Costs	K60, 000	Free range	-
Sales	K150, 000	4 chickens =K100,000	K50,000 – K100,000
Profit / Wage	K90,000	K100,000	K50,000 – K100,000

**(E) MINIMUM ANNUAL FOOD PRODUCTION FOR HOUSEHOLD FOOD SECURITY IN SHIKABETA, CHONGWE**

	Maize	Cassava	Beans	Groundnuts
Total Quantity	-	-		900 Kg (18 x 50Kg)
Cultivation area	-	-		-
Required Inputs	5 Kg Seed, 50 Kg Basal Fertilizer, 50 Kg Top Dressing, Labour	6 bundles of cassava cuttings, Labour		20 Kg Groundnuts, Labour
Total Input Cost	K3,060,000	K360,000		K360,000

*This survey was conducted during the first week of **March 2013** by the Social Conditions Programme of the Jesuit Centre for Theological Reflection. Average calories were calculated on the basis of food consumption from randomly selected households within Shikabeta Area. Additional information was collected from rural health centres, Ministry of Agriculture and Cooperatives, schools etc, within Chongwe district.*

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