ANNEXURE 1

Food groups

Household Food Groups			**Individual Food Groups**	
No.	**Food Group**	**Food Items**	**No.**	**Food Group**
1	Cereals (Staples)	Maize, rice, sorghum, millet pasta, bread	**1**	Grains, roots or tubers
2	Roots and Tubers (Staples)	Cassava, potatoes and sweet potatoes	**2**	Vitamin A rich plant foods
3	Pulses/legumes/nuts	Beans, peas, ground nuts and cashew nuts	**3**	Other fruits or vegetables
4	Vegetables	Vegetables and leaves	**4**	Meat, poultry, fish, seafood
5	Fruit	Fruit	**5**	Eggs
6	Meat, poultry, offal	Beef, mutton, poultry, pork, eggs and fish	**6**	Pulses/legumes/nuts
7	Fish and seafood		**7**	Milk and milk products
8	Milk/dairy products	Milk, yoghurt, cheese or others	**8**	Foods cooked in oil or fat
9	Eggs			
10	Sugar	Sugar, sugar products, honey		
11	Oils	Oils, fats and butter		
12	Condiments	Tea, coffee, spices		

Source: ACF, (2011)

ANNEXURE 2

Food consumption score (FCS) food groups and weights

No.	Food Group	Food Items	Weights	Reasons for Weights
1	Cereals (Staples)	Maize, rice, sorghum, millet pasta, bread	**2**	Energy dense, protein content lower and poorer quality than legumes, micro nutrient
2	Tubers (Staples)	Cassava, potatoes and sweet potatoes		
3	Pulses	Beans, peas, ground nuts and cashew nuts	**3**	Energy dense, high amounts of protein but lower quality than meats, micro nutrients, low fat
4	Vegetables	Vegetables and leaves	**1**	Low energy, low protein, no fat, micro nutrients
5	Fruit	Fruit	**1**	Low energy, low protein, no fat, micro nutrients
6	Meat and fish	Beef, mutton, poultry, pork, eggs and fish	**4**	Highest quality protein, easily absorbable micro nutrients, energy dense, fat. Even when consumed in small quantities, improvements to the quality of diet are large.
7	Milk	Milk, yoghurt, cheese or others	**4**	Highest quality protein, micro nutrients, vitamin A, energy, but milk could be consumed only in very small amounts and should then be treated as condiment and therefore reclassification in such cases is needed.
8	Sugar	Sugar, sugar products, honey	**0.5**	Empty calories, usually consumed in small quantities
9	Oils	Oils, fats and butter	**0.5**	Energy dense but usually no other micronutrients. Usually consumed in small quantities.
10	Condiments	Tea, coffee, spices	**0**	

Source: ACF, (2011)

ANNEXURE 3

MAHFP and Food consumption score among different wealth groups

Food consumption score			Wealth Distribution Groups			Total
			Poor	Medium	Rich	
Poor food consumption	MAHFP	2	0	6	0	6
		3	15	0	0	15
		4	50	7	0	57
		5	49	14	0	63
		6	6	0	0	6
		7	11	0	0	11
		8	0	6	0	6
		9	10	0	0	10
	Total		141	33	0	174
Borderline food consumption	MAHFP	4	0	1	0	1
		6	25	2	2	29
		7	18	9	0	27
		8	16	37	6	59
		9	11	19	6	36
		12	0	22	12	34
	Total		70	90	26	186
Acceptable food consumption	MAHFP	9	6	0	0	6
		12	0	0	4	4
	Total		6	0	4	10

Source: Survey result, 2015

ANNEXURE 4

Variable inflating factor (Multi-Collinearity Test) for Probit regression of FCS

Variable	VIF	1/VIF
_Ifertilit~3	3.43	0.291930
Improved seed	2.94	0.339562
Fertilizer	2.33	0.429024
_Ifertilit~2	2.26	0.441820
Total livestock	2.12	0.472252
Irrigation	1.84	0.544411
Off-farm act	1.71	0.586372
Land size	1.61	0.621293
_Iedun_3	1.48	0.675418
HH size	1.46	0.683046
Main Mkt Dist	1.38	0.726032
Safety net	1.33	0.749917
_Iedun_4	1.13	0.881657
_Iedun_2	1.11	0.902830
Mean VIF	1.87	

Source: Survey result, 2015

ANNEXURE 5

Variable inflating factor (Multi-Collinearity Test) for Log-linear regression of BMI

Variable	VIF	1/VIF
MAHFP	5.52	0.181058
_Icolumn2_3	4.03	0.248355
_Icolumn2_2	3.64	0.274796
Improved seed	3.22	0.310693
_Iedun1_4	3.12	0.320450
FCS	3.12	0.320647
_Iedun1_3	2.87	0.348059
Fertilizer	2.78	0.359910
Irrigation	2.74	0.365623
Farm Size	2.50	0.399229
Total-liv.	2.31	0.433109
_Icolumn2_4	2.12	0.470714
Agri. Ext	1.83	0.545829
_Icolumn2_5	1.73	0.578733
Food aid	1.71	0.586039
Off-farm act	1.67	0.597080
Main Road dist.	1.65	0.604460
_Icolumn2_6	1.63	0.615349
Safety net	1.44	0.692204
HH size	1.37	0.727600
_Iedun1_2	1.20	0.834458
_Iedun1_5	1.15	0.866367
_Iedun1_6	1.07	0.935547
Mean VIF	2.37	