

Cost of Diet Assessment in Kaya District, Burkina Faso



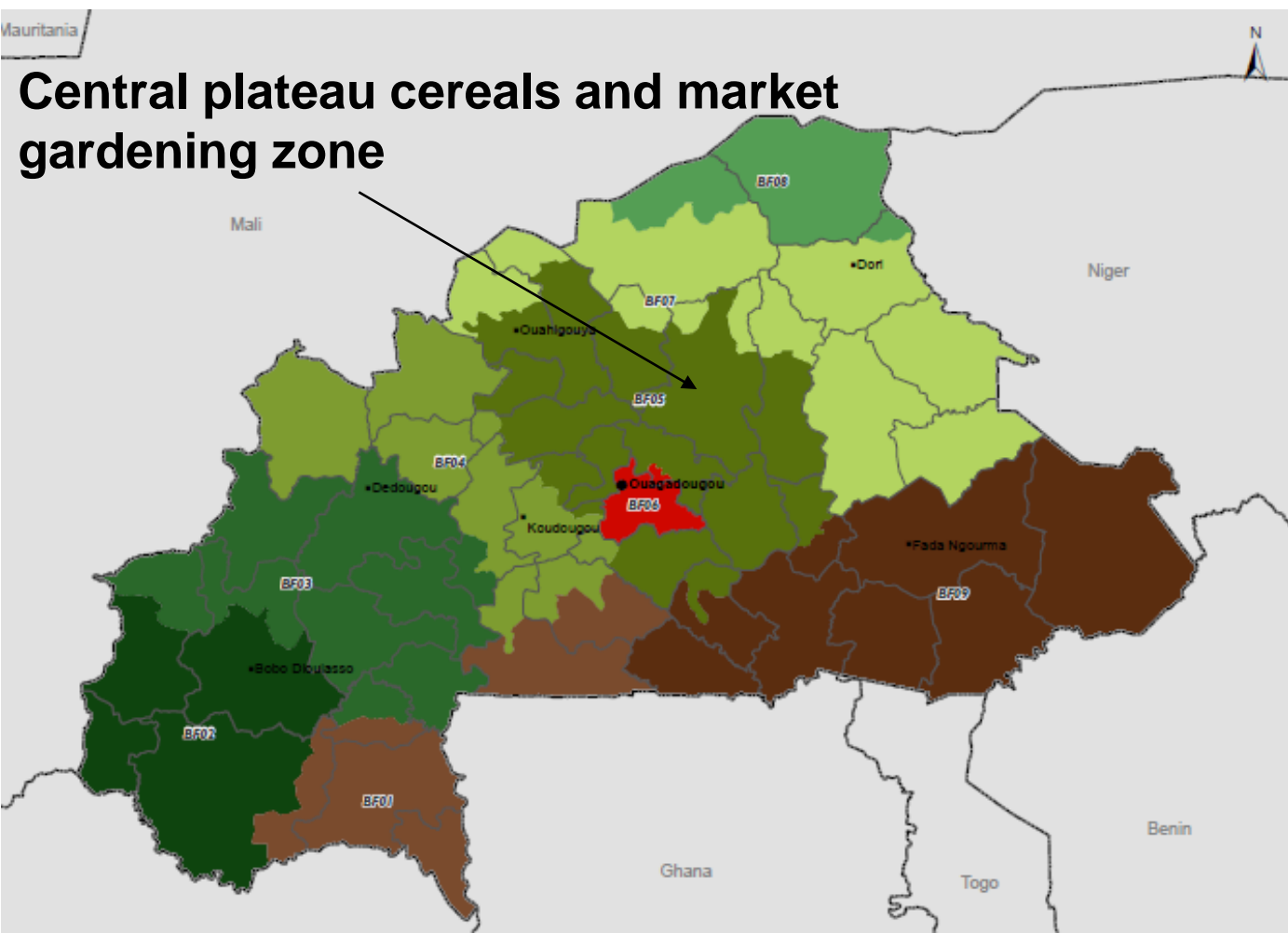
Save the Children
UK

EUROPEAN COMMISSION



Humanitarian Aid and Civil Protection

Livelihood Zone



- Burkina Faso - Livelihood Zones**
- BF01 - South tubers and cereals
 - BF02 - Southwest fruits, cotton, and cereals
 - BF03 - West cotton and cereals
 - BF04 - West cereals and remittances
 - BF05 - Central plateau cereals and market gardening
 - BF06 - Ouagadougou peri-urban
 - BF07 - North and east livestock and cereals
 - BF08 - North transhuman pastoralism and millet
 - BF09 - Southeast cereals, livestock, forestry, and faune

- International Boundaries
- Regions
- Capital
- Cities



Reference Year

- September 2012 - October 2011
- Season 1: Sinwgo (September – June)
- Season 2: Toulgo (May - March)
- Season 3: Waoudo (February - December)
- Season 4: Tigsgou/Kinbgo (November - October)

**Cost of Diet Assessment in the
Central Plateau Cereals and
Market Gardening Zone, Kaya
District, Burkina Faso**





Household size

- Very Poor : 7 person family
- Poor: 10 person family
- Middle: 14 person family
- Better – off: 18 person family



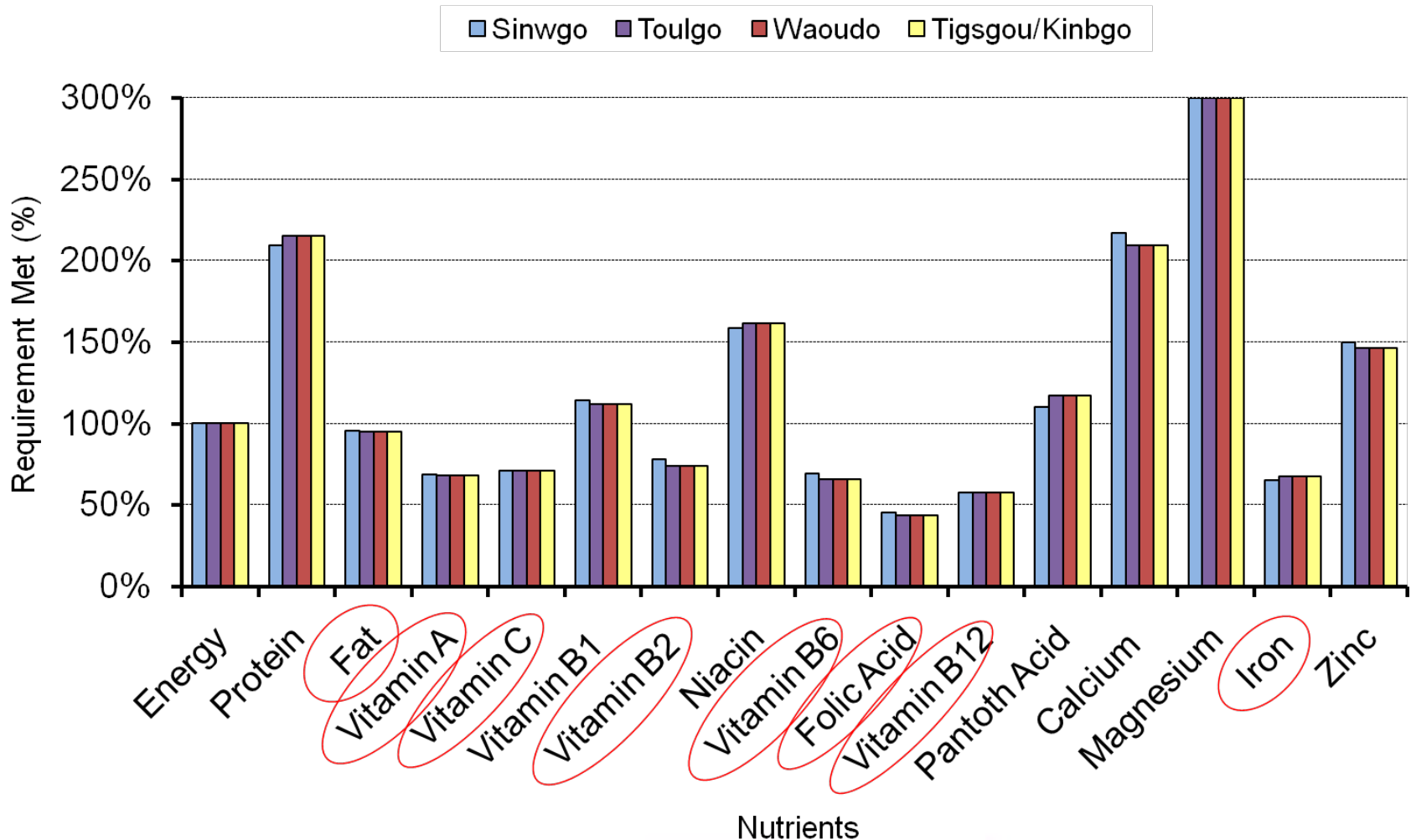
Annual cost of an energy only, MNUT and LACON diet

Age Group	Energy Only	MNUT	LACON
12-12 month old	11,465	13,999	21,346
Rest of the Family	301,501	379,221	604,796
Overall	312,966	393,221	626,142

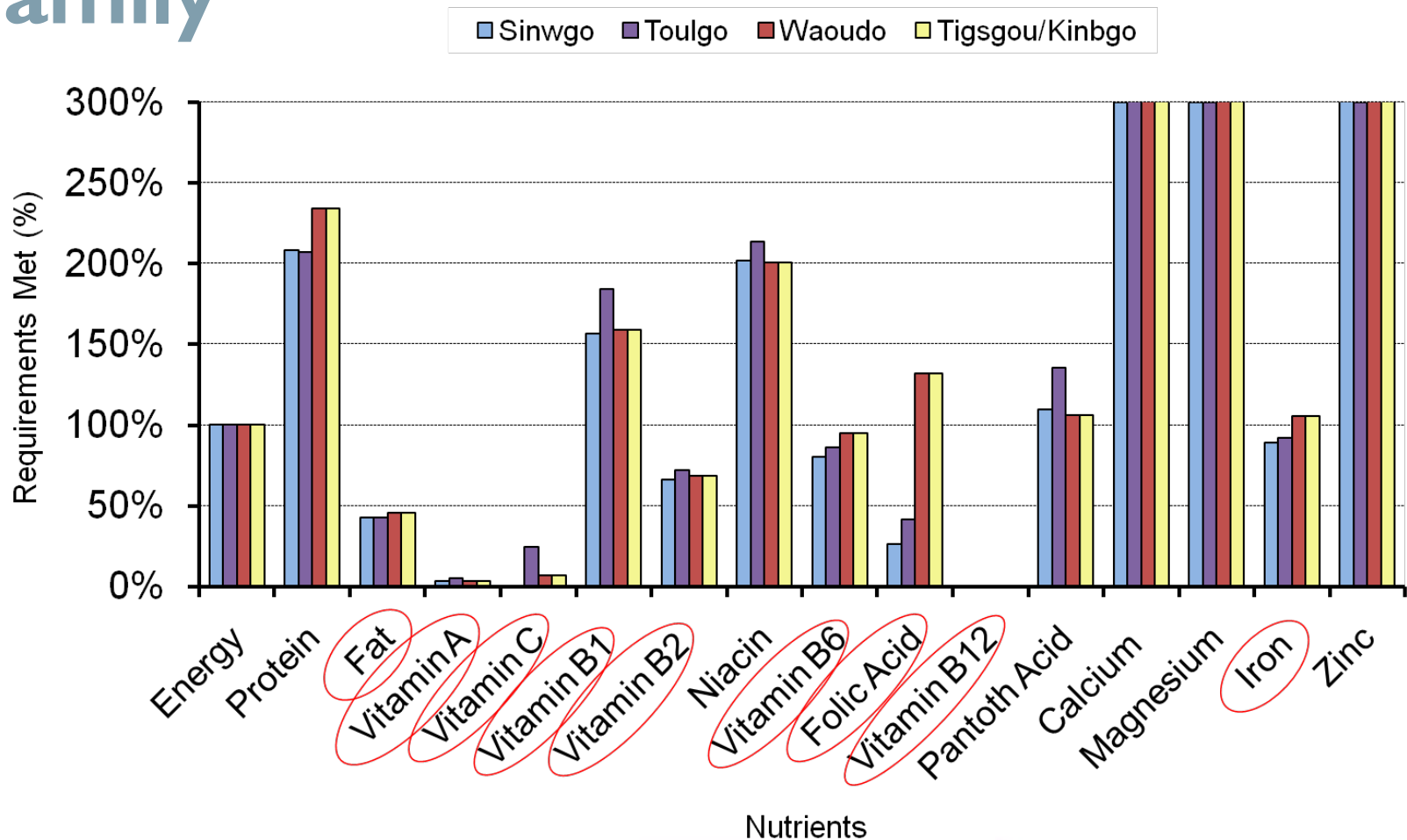
The energy only diet yearly summary

Food List	Quantity (kg)	% Quantity	Cost FCFA	% Cost	% Energy
Bambara groundnut, dried	35	2.2	7	0.0	3.0
Bikalga	138	8.6	42,696	15.3	11.7
Bread	52	3.2	13,604	4.9	2.8
Maize, yellow	194	12.1	19,042	6.8	4.2
Sorghum, whole grain, white	734	45.7	111,505	39.9	48.4
Sorghum, whole grain, red	452	28.2	92,401	33.1	29.8

Nutrient requirements met by an energy only diet for a 12-23 month old



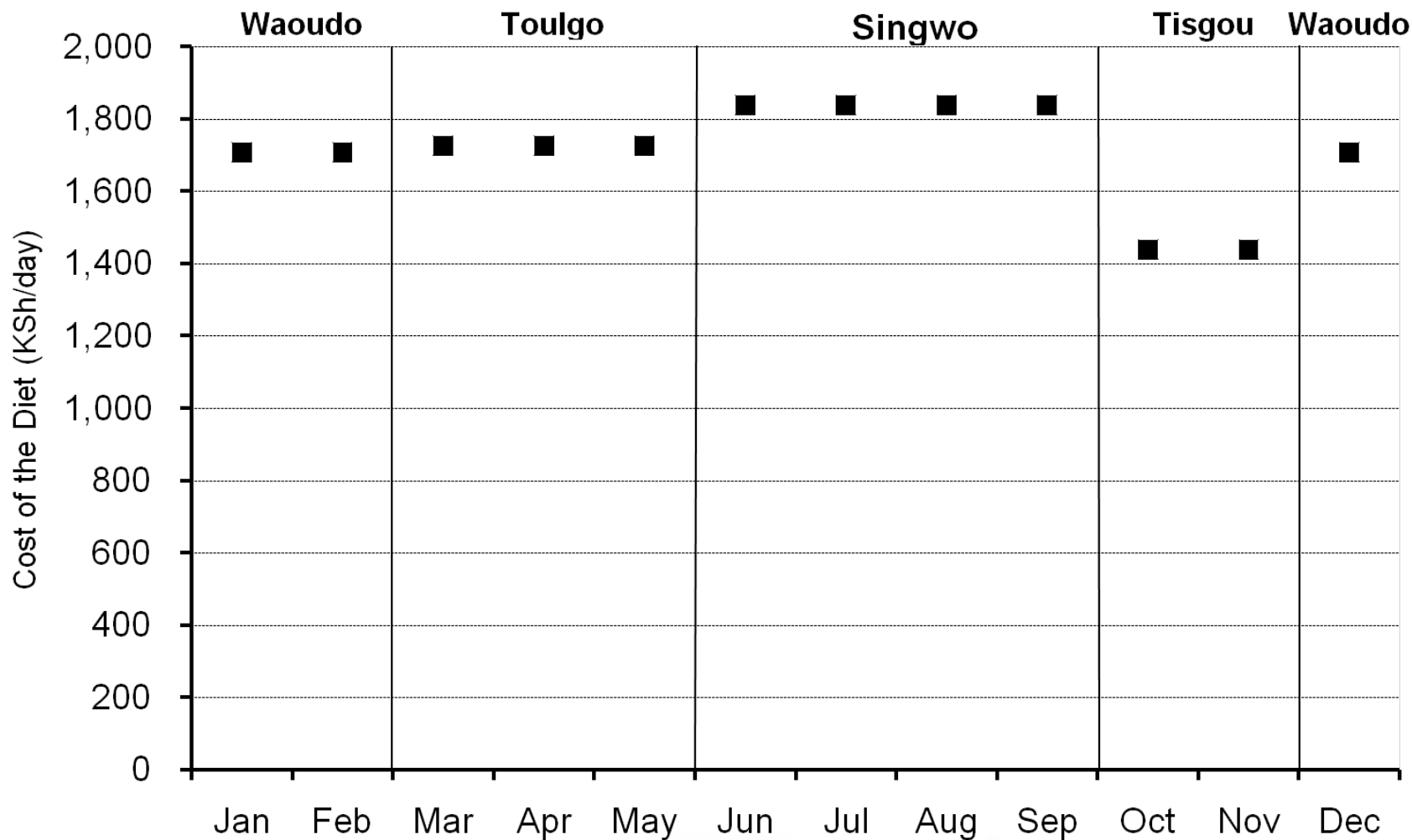
Nutrient requirements met by an energy only diet for the rest of the family



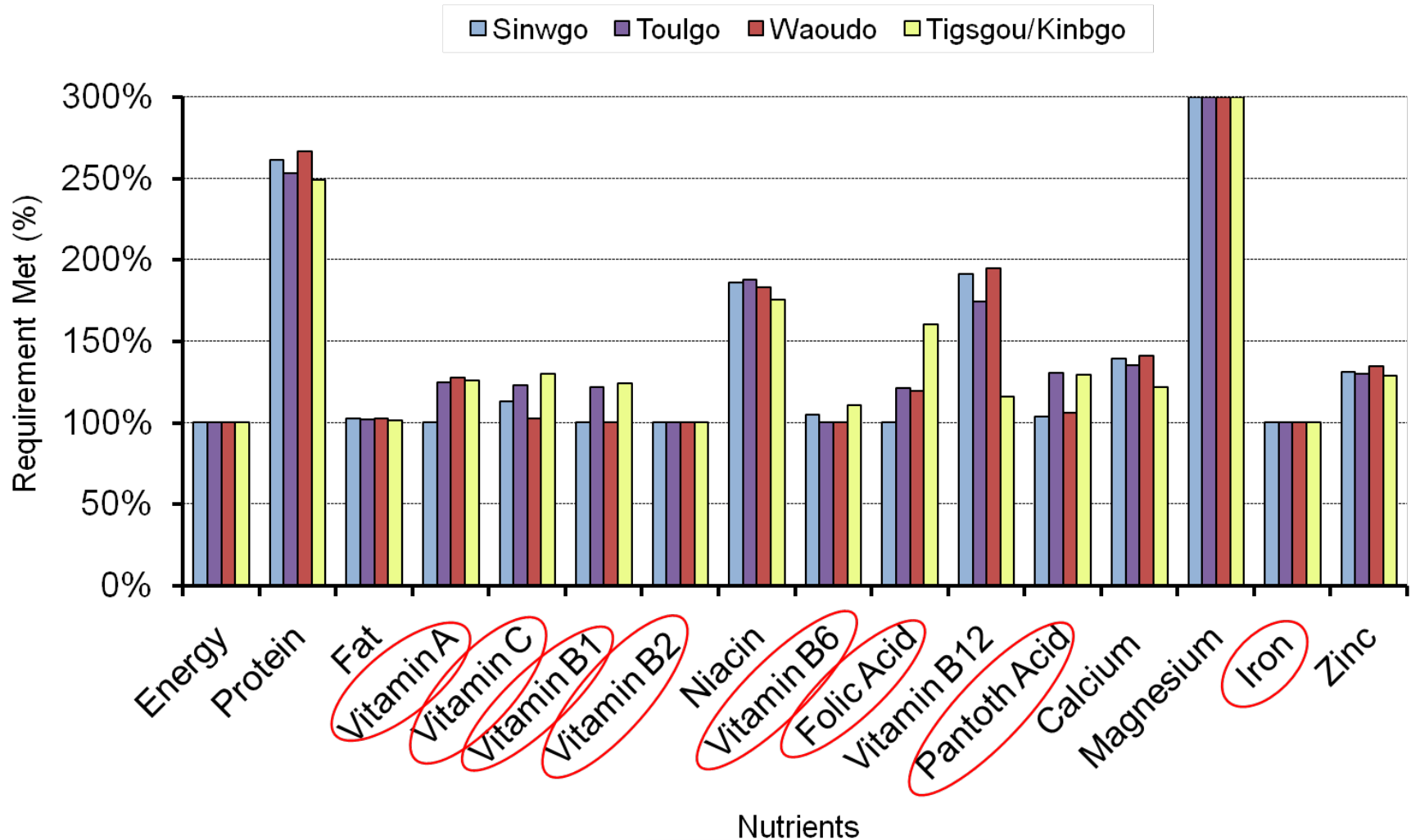
The LACON diet yearly summary

Food List	Quantity (kg)	% quantity	Cost FCFA	% cost	% energy	% protein	% fat	% vitamin A	% vitamin C	% vitamin B1	% vitamin B2	% niacin	% vitamin B6	% folic acid	% vitamin B12	% calcium	% iron	% zinc	% copper
Bambara groundnut, dried, powdered	34	1.7	10,425	1.7	2.9	4.4	1.4	0.1	0.8	3.1	2.1	2.4	3.5	18.3	0.0	0.7	4.5	3.6	8.6
Bikalga	46	2.3	15,434	2.6	3.9	4.9	6.1	0.0	0.0	0.7	4.5	1.1	0.0	0.0	0.0	56.1	0.0	26.2	0.0
Bread	123	6.2	32,326	5.4	6.7	6.0	2.2	0.0	0.0	3.9	3.9	4.5	1.4	4.6	0.0	0.2	1.1	3.0	17.0
Cottonseed oil	34	1.7	34,922	5.8	6.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fish, dried fresh water	92	4.6	74,411	12.4	6.1	29.6	5.1	0.0	0.0	2.6	9.7	24.4	10.5	3.1	95.7	33.9	7.4	13.0	11.4
Fish, powdered	1	0.1	1,162	0.2	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.3	0.1	0.0	1.1	0.4	0.1	0.2	0.1
Leaf, baobab	64	3.2	7,117	1.2	0.5	1.3	0.1	9.4	17.3	1.6	4.8	1.2	9.6	8.0	0.0	0.5	3.5	0.7	3.3
Leaf, hibiscus	77	3.9	7,632	1.3	0.3	0.5	0.1	12.0	17.1	1.1	2.1	0.8	3.9	10.9	0.0	0.4	1.1	0.2	5.3
Maize, yellow, fresh	360	18.2	44,592	7.4	7.7	6.5	2.8	1.3	17.7	22.7	9.9	9.9	6.0	19.8	0.0	0.1	3.8	4.9	3.0
Milk, cow, curds	59	3.0	18,328	3.0	0.7	1.0	1.4	1.0	0.5	0.5	3.3	0.4	0.5	0.5	1.9	1.6	0.2	1.0	0.2
Milk, cow, fresh	36	1.8	9,948	1.7	0.5	0.6	0.8	1.1	0.3	0.4	2.4	0.4	0.6	0.3	1.2	0.9	0.1	0.4	0.0
Millet, whole grain	333	16.8	82,390	13.7	23.9	21.2	9.9	1.9	0.0	24.7	30.0	25.5	26.8	12.7	0.0	2.4	47.0	28.0	17.4
Okra, dried	39	2.0	68,309	11.4	1.1	1.1	0.3	1.0	4.5	4.4	2.8	2.1	4.6	4.2	0.0	0.1	2.0	1.3	5.8
Peanut oil	28	1.4	27,121	4.5	4.9	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peanut, fresh	6	0.3	1,122	0.2	0.4	0.5	1.1	0.0	0.0	0.3	0.2	1.0	0.3	0.6	0.0	0.1	0.3	0.3	1.2
Sorghum, whole grain, white	331	16.7	60,151	10.0	21.8	18.7	5.9	0.7	0.0	28.4	13.0	22.4	17.5	5.5	0.0	1.4	24.0	14.4	4.5
Spinach	7	0.3	2,395	0.4	0.0	0.1	0.0	1.2	0.4	0.1	0.5	0.1	0.3	0.9	0.0	0.0	0.3	0.1	0.2
Courgette	67	3.4	5,507	0.9	0.7	1.0	0.3	0.5	3.2	1.2	1.3	0.9	1.8	4.5	0.0	0.2	1.2	1.3	3.1
Sweet potato, orange	164	8.3	29,497	4.9	3.4	1.5	0.1	68.1	33.6	3.3	8.4	2.2	10.9	4.5	0.0	0.8	1.4	1.3	17.1
Tamarind leaves	20	1.0	5,176	0.9	0.1	0.2	0.0	1.7	4.0	0.2	0.5	0.2	0.6	1.7	0.0	0.0	0.4	0.1	0.3
Tamarind fruit	20	1.0	8,118	1.3	1.1	0.3	0.1	0.0	0.5	0.8	0.6	0.3	1.3	0.1	0.0	0.3	0.7	0.2	1.5
Vegetable oil	42	2.1	55,277	9.2	7.2	0.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

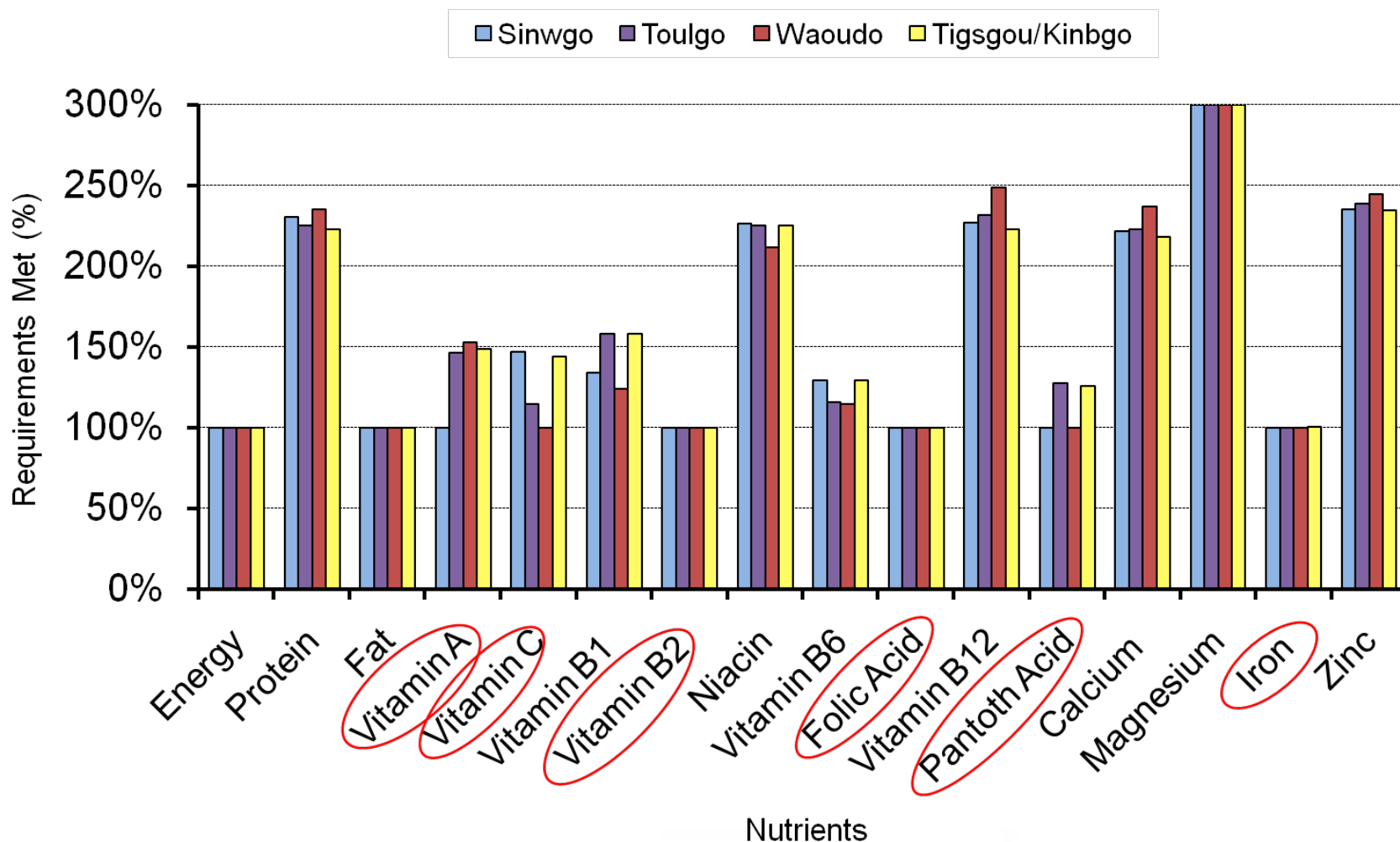
Seasonal variation in the daily cost of the LACON diet



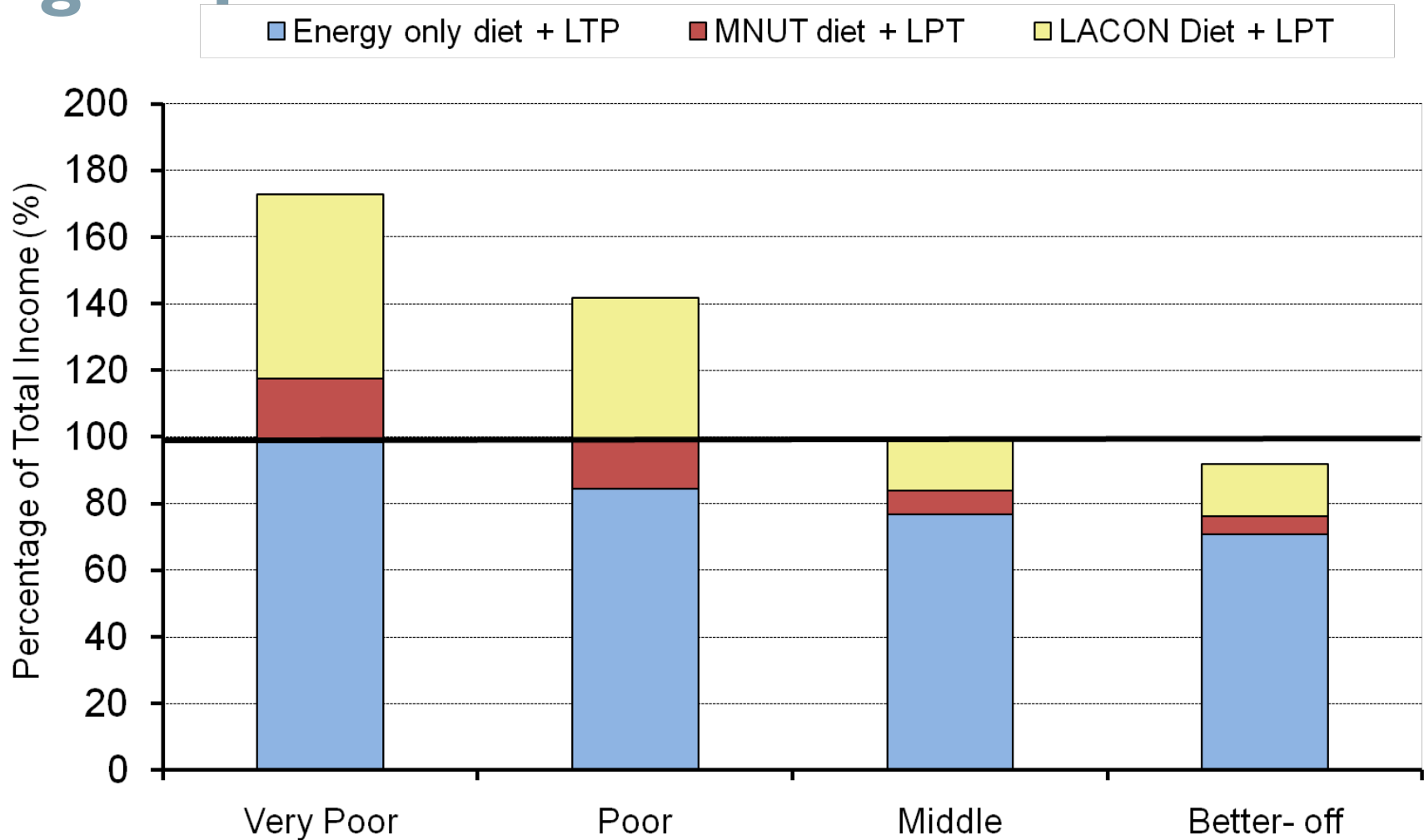
Nutrient requirements met by a diet for a 12-23 month old



Nutrient requirements met by a LACON diet for the rest of the family



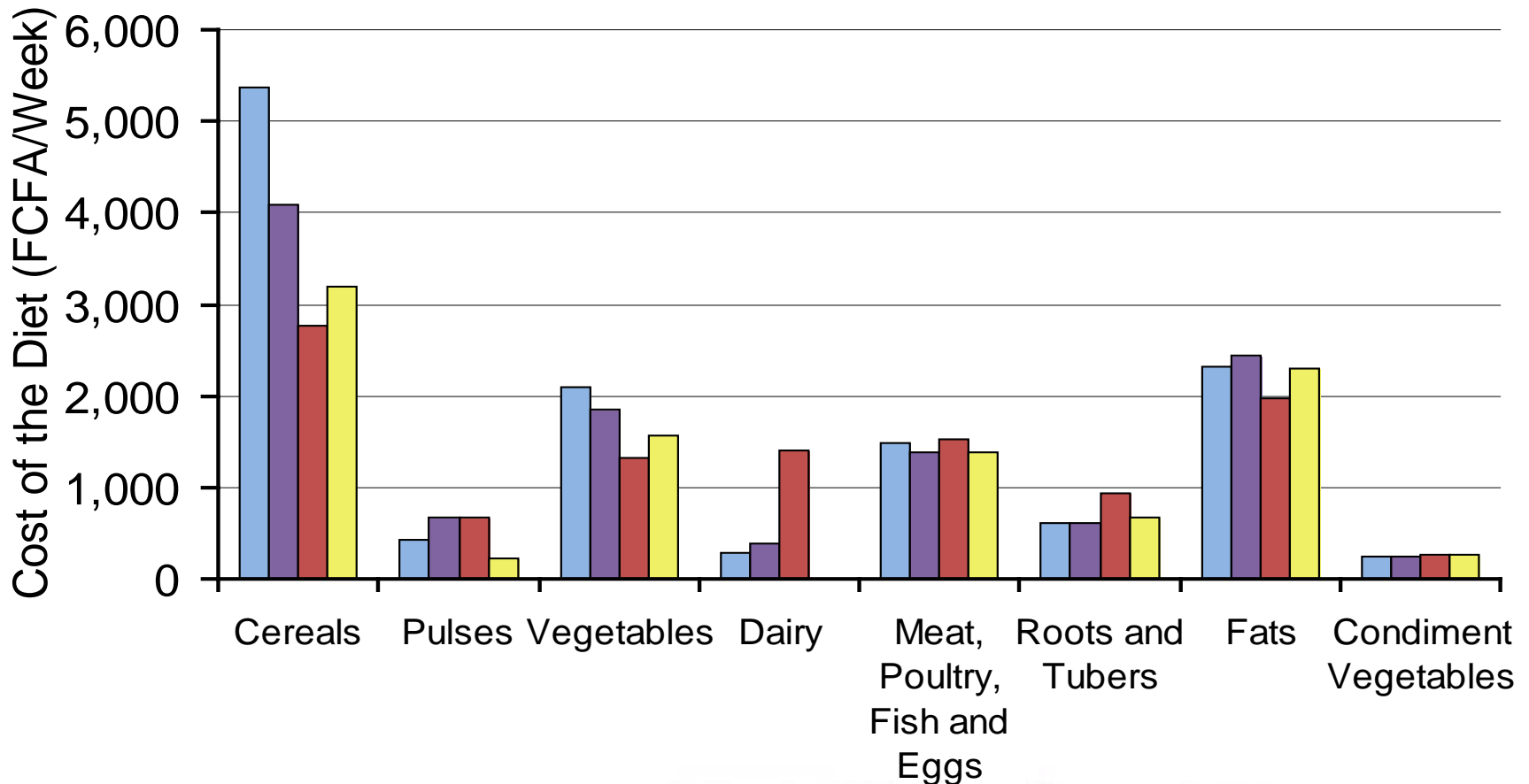
Affordability of the diets by wealth group



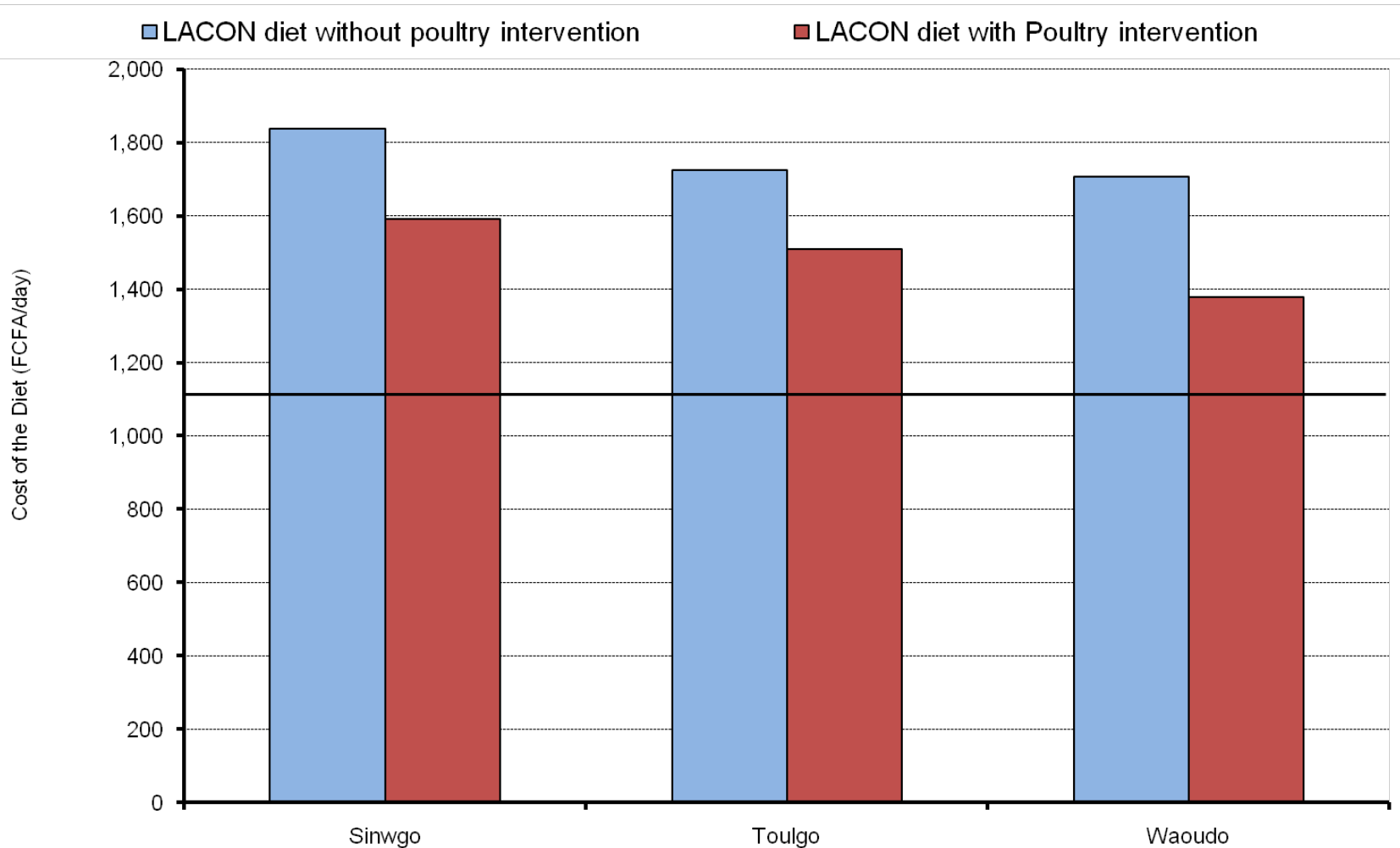


Food groups that contribute the most to the cost of the diet for the rest of the family

■ Sinwgo ■ Toulgo ■ Waoudo ■ Tigsgou/Kinbgo

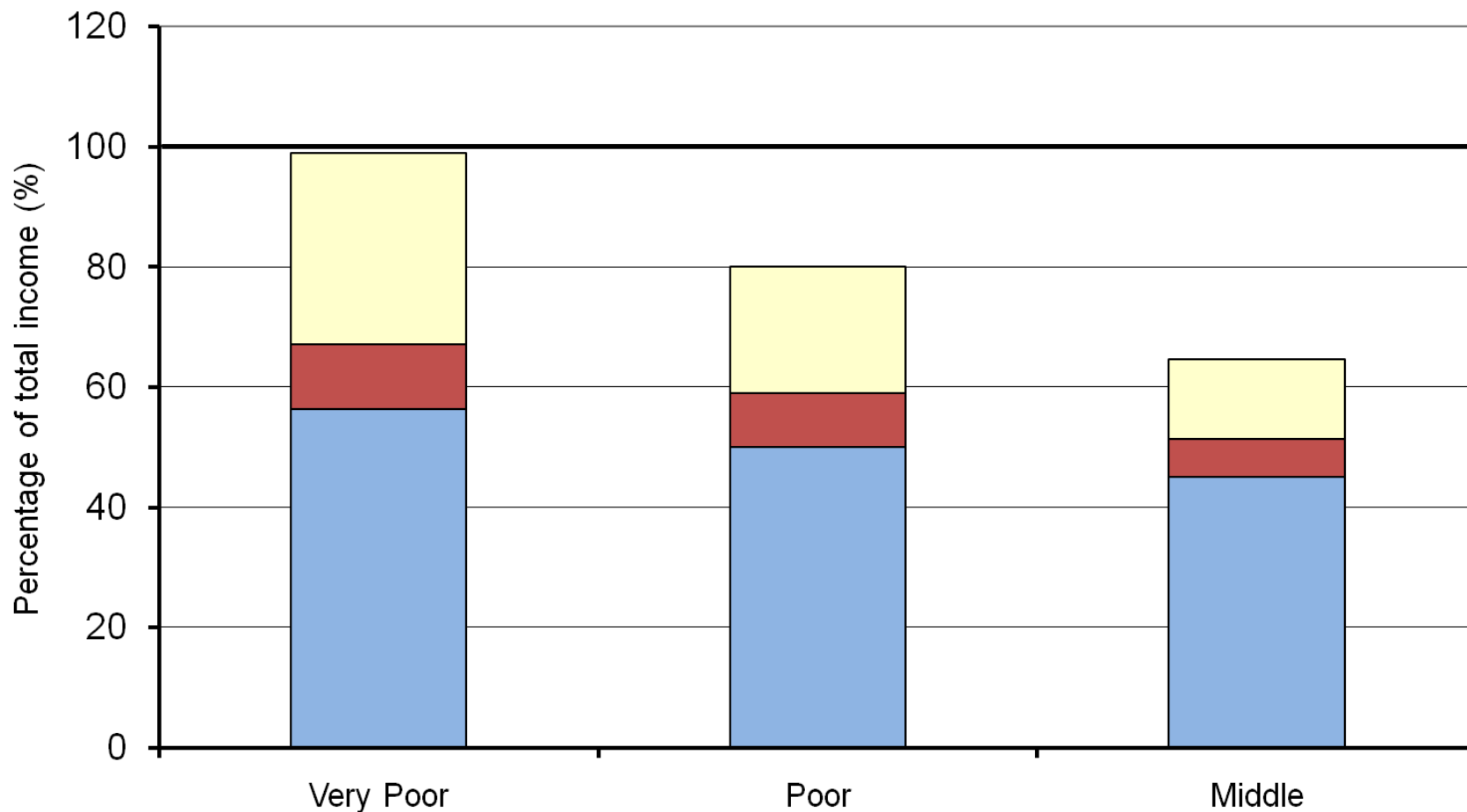


Impact of a poultry intervention on the cost of the LACON diet



Impact of a poultry intervention on the affordability of the LACON diet

Energy only diet + LPT MNUT diet + LPT LACON diet + LPT



Any questions?

