

Poverty and Hunger in Northern Region, Ghana

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2015 Survey Structure

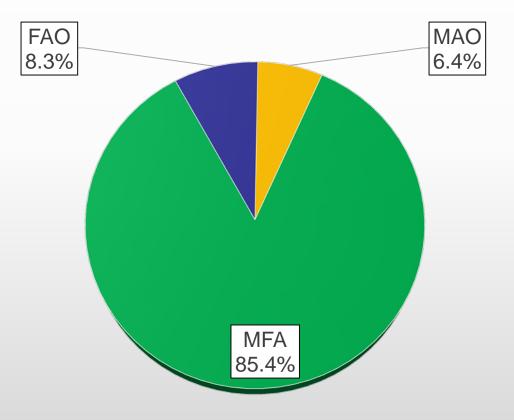
- Reporting changes in the indicators from 2012 based on original 4,410 households
- These households were sampled using a 2stage probability sampling approach
 - Stage 1: Probability proportional to size approach to select EAs
 - Stage 2: Systematic sampling approach to select
 20 households per EA



Demographics

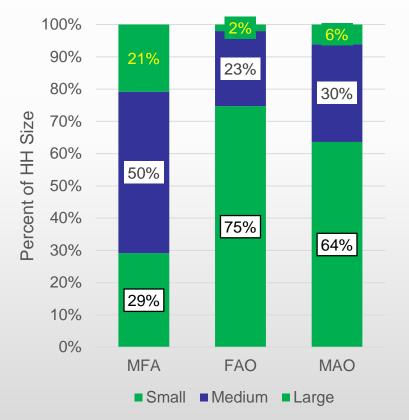


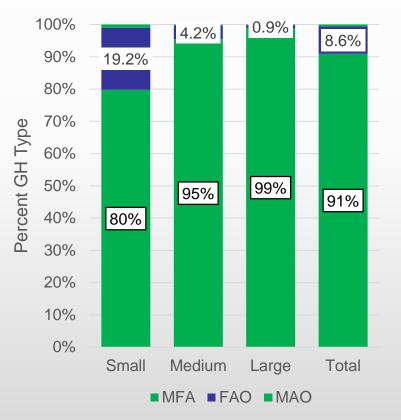
Basic Household Characteristics





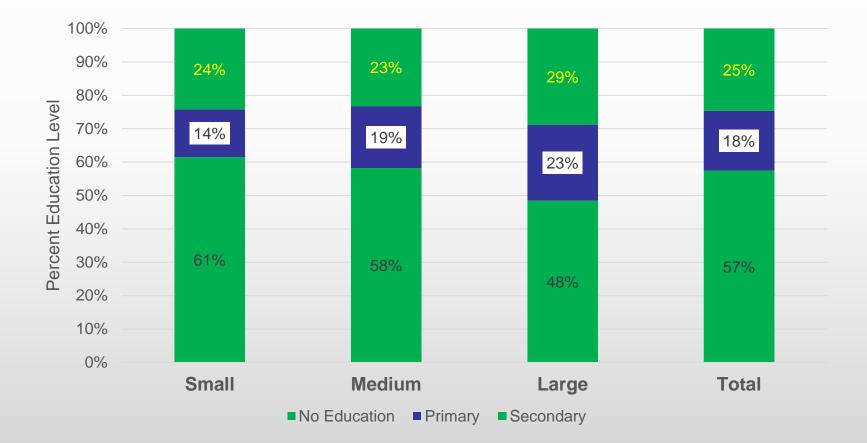
Household Size and Gendered Household Type





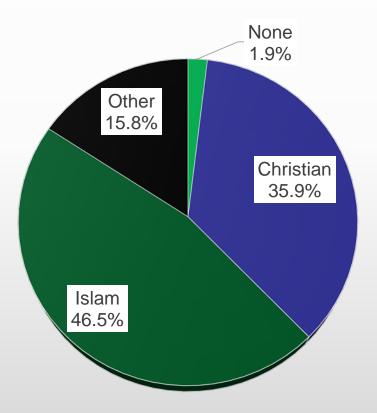


Household Size and Education





Religion



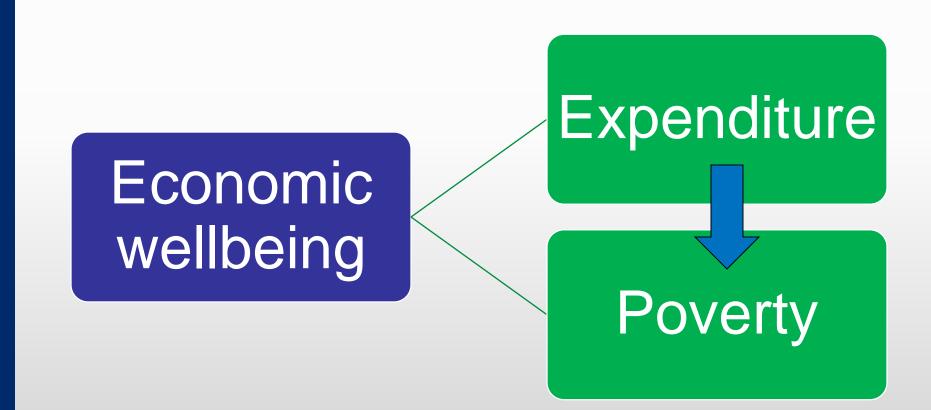


Poverty defined

 Poverty is the lack of basic necessities that all human beings must have: food and water, shelter, education, medical care, security, etc.
 A multi-dimensional issue, poverty exceeds all social, economic, and political boundaries.
 As such, efforts to alleviate poverty must be informed of a variety of different factors.

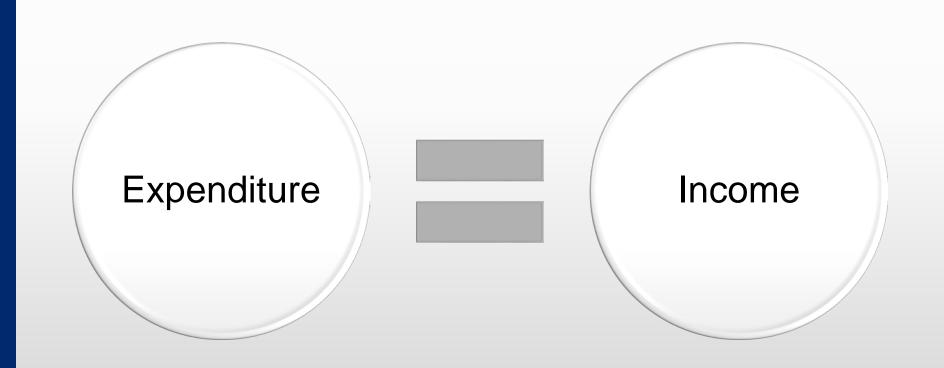


Our Focus = Households



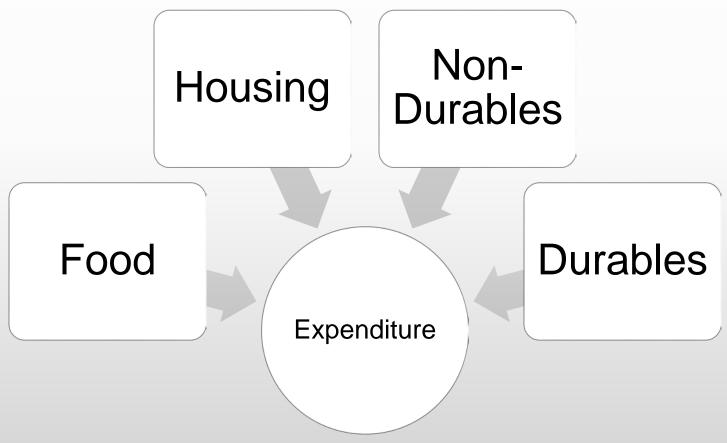


Basic Assumption



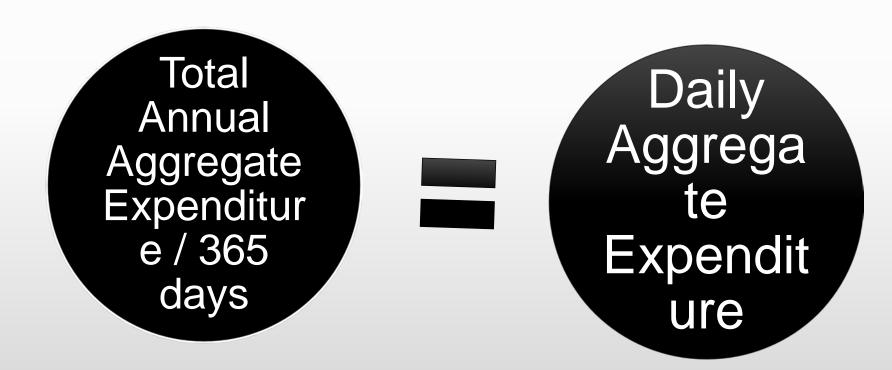


Components of Expenditure = 256 items with different recall times





Expenditure



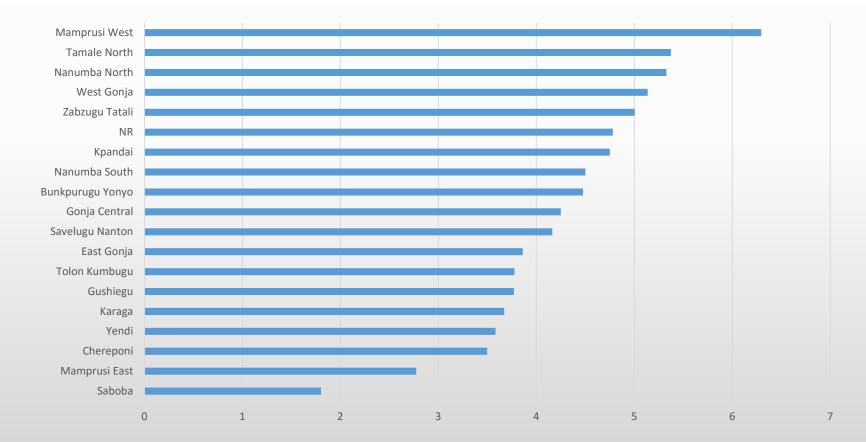


Establishing the Poverty Threshold





Daily per capita expenditure (in 2010 USD) in ZOI





Daily per capita expenditure (in 2010 USD) in ZOI

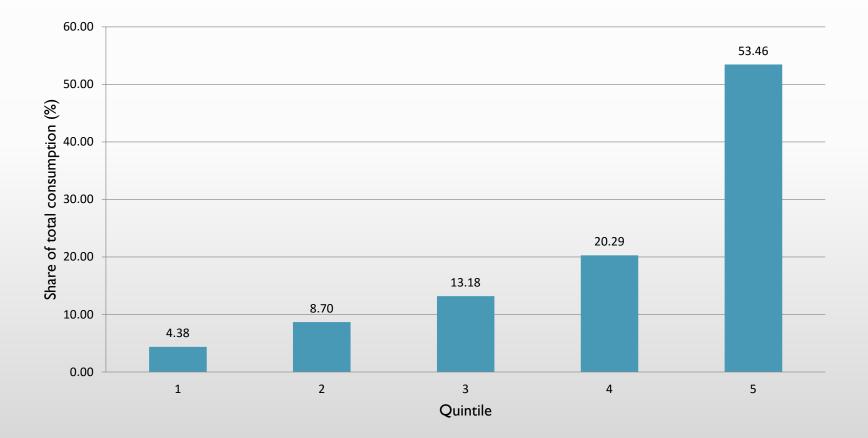
All households (3727)

•	Mean	4.29
	– 10 th percentile	0.65
	– 25 th percentile	1.06
	– 50 th percentile	2.20
	– 75 th percentile	10.23
	– 90 th percentile	16.19
	Differences by beyers held above ate	

Differences by household characteristics



Share of consumption per quintile in ZOI





Prevalence and depth of poverty

- The prevalence of poverty, (the poverty headcount ratio), is measured by determining the percent of individuals living below a poverty threshold.
- Whereas poverty prevalence indicates how *many* individuals are impacted by poverty, it does not address by how *much* people are *impacted* by poverty.
- The depth of poverty (the poverty gap), is a useful poverty estimate. It captures the extremity of poverty.
- This measure indicates the average gap between consumption levels and the poverty line, with the non-poor counted as having a gap of zero.



Poverty at the \$1.25 (2005 PPP) per person per day threshold

•	Prevalence of poverty	
	Percent of population	18.1
	Sample size assessed	3836
•	Depth of poverty	
	Percent of poverty line	6.6
	Sample size assessed	3727
•	Average consumption shortfall of the poor	
	In USD 2005 PPP	0.44
	Percent of poverty line	35.3
	Sample size assessed	695
•	Differences are noted by household characteristics	



Poverty at the national absolute threshold of 1314GHS per adult 2012/13)

•	Prevalence of poverty	
	Percent of population	43.4
	Sample size assessed	3792
•	Depth of poverty	
	Percent of poverty line	18.7
	Sample size assessed	3792
•	Average consumption shortfall of the poor	
	In GHS 2013 PPP	529.1
	Percent of poverty line	40.3
	Sample size assessed	1761
•	Differences are noted by household characteristics	

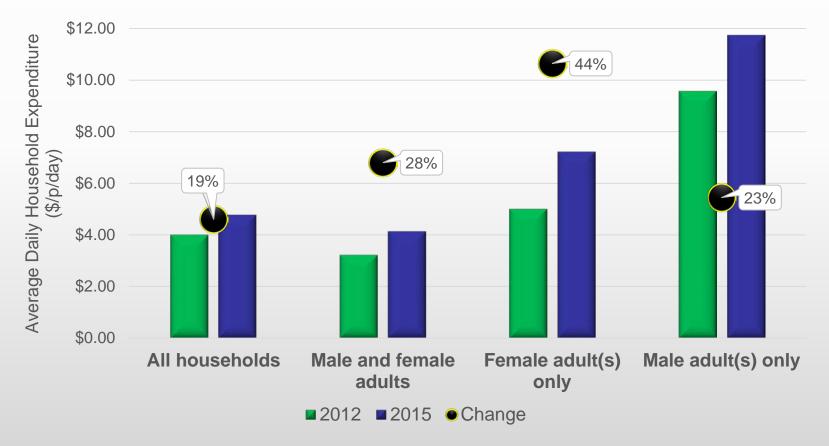


Poverty at the national extreme threshold of 792.05GHS per adult 2012/13)

•	Prevalence of poverty	
	Percent of population	21.1
	Sample size assessed	4061
•	Depth of poverty	
	Percent of poverty line	7.8
	Sample size assessed	3792
•	Average consumption shortfall of the poor	
	In GHS 2013 PPP	272.6
	Percent of poverty line	34.4
	Sample size assessed	856
•	Differences are noted by household characteristics	



Change in Expenditure by Gendered Household Types



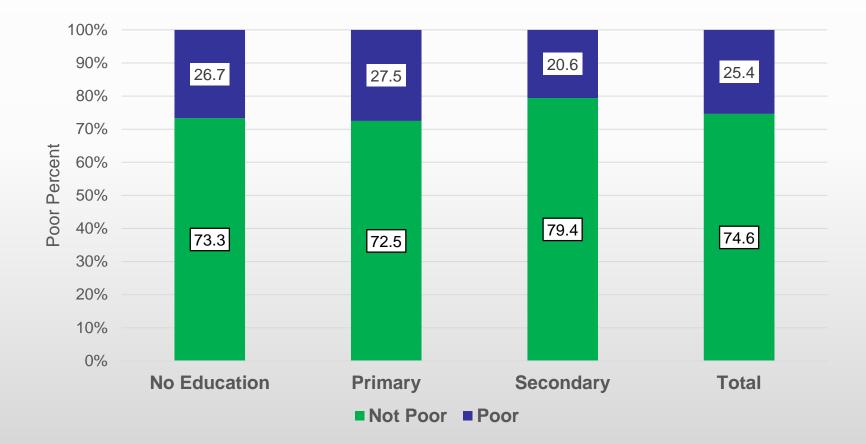


Change in Poverty by Gendered Household Types



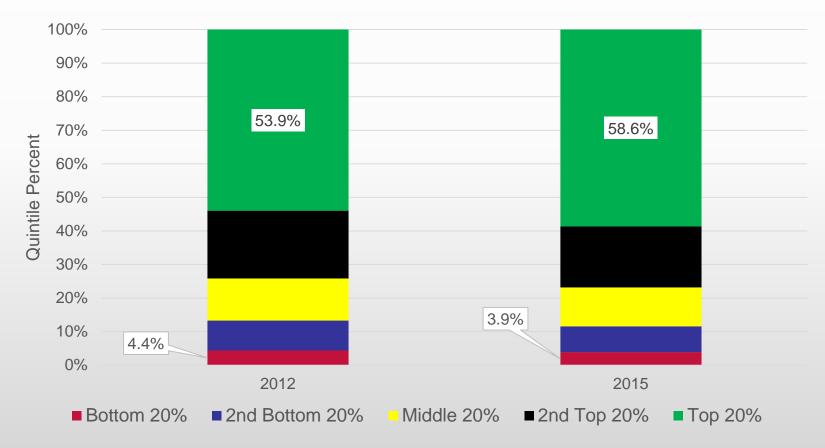


Poverty & Education Level



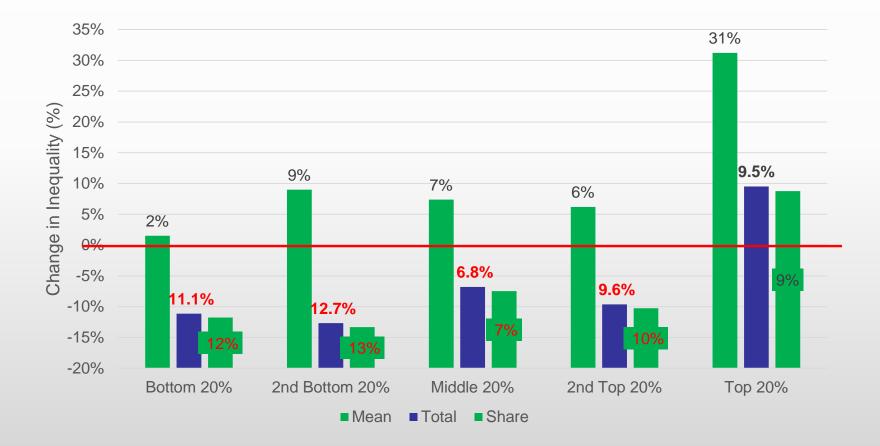


Inequality Indicator: Distribution of Consumption by Quintiles



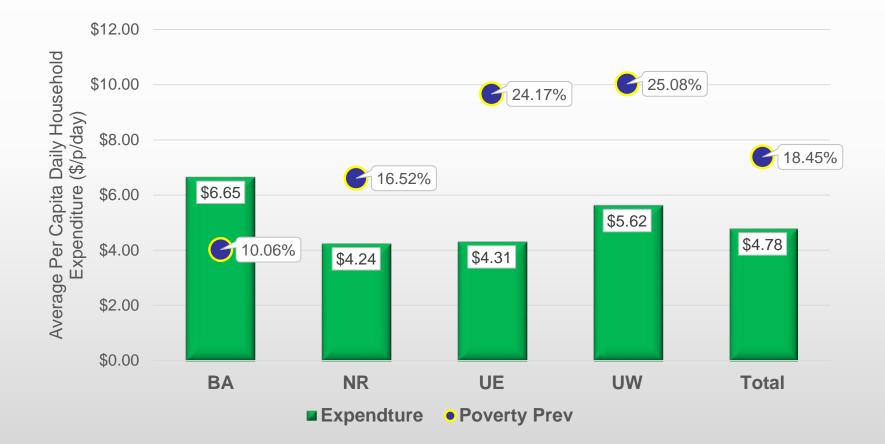


Change in Inequality 2012-2015



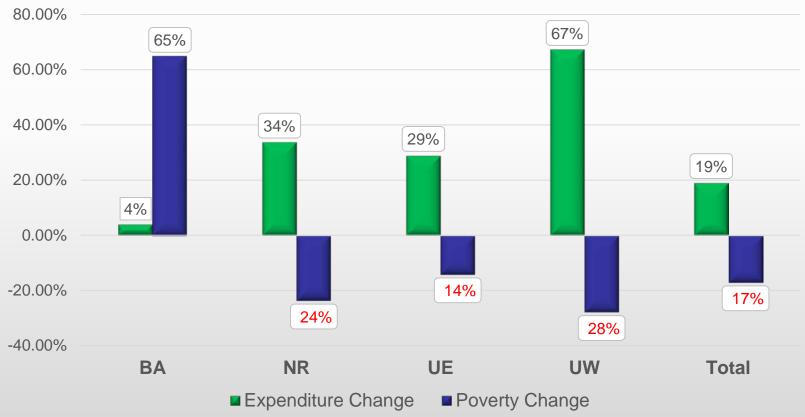


Expenditure and Poverty by Region (2015)





Expenditure and Poverty Change by Region (2015 v 2012)





What Can We Learn?

- How are those counted as poor differ from those who are not?
- The probability of being among poor households is determined by education, gendered household type, household size, location, and food share of total expenditure



What Can We Learn

- Compared to BA, the odds of being poor is 1.9 times higher in NR, 2.9 times higher in UE and 4.1 times higher in UW
- There is no statistically significant difference between MFA and the other gendered household types when it comes to the probability of being counted among the poor
 - FAO households differ but only at the 10% level, with a higher odds of about 1.5 times



What Can We Learn

- The odds of being poor with education is about 0.6 times the odds of being poor without education
- Every member increase in household size increased the odds of being poor by 23%
- Every increase in percent increase in food share of total expenditure reduces the odds of being poor 14%



What Can We Learn

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The three northern regions are still vulnerable despite progress in poverty reduction

Investments in education very important on reducing poverty risk



Take Aways

- Expenditures have increased
- Poverty prevalence has declined from the baseline
- However, the gap between the top and the bottom quintiles has increased
- Policymakers can help poverty alleviation by facilitating the enabling environment
- Individuals can do their part by enhancing their education and investing that of their kids



Thank you very much