

Uganda 2010

1 Survey Description

Survey: National Panel Survey 2009-2010 provided by the World Bank Living Standards Measurement Study

Link to the document: <https://microdata.worldbank.org/index.php/catalog/1001>

Sample: The survey was conducted between September 2009 and August 2010 on a nationally representative sample of households. The sample considered is restricted to adults individuals aged 18 and above with information about outcome and circumstances., 12,864 individuals in the total sample and 4,632 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: The weights are the inverse of the probability that the observation is included because of the sampling design. It could be understood as the number of individuals in the population that an individual represents in the sample.

Outcome: The outcome variable is annual equivalized household consumption in 2017 USD.¹

Circumstances:

- Sex (*male*: male and female)
- Race (*ethnicity*: 14 ethnicities, described in Table 1)
- Father's education (*fyedu*: 10 levels of education, described in Table 2)
- Mother's education (*myedu*: 10 levels of education, described in Table 2)
- Father's occupation (*occ_cat_father*: 6 categories, described in Table 3)
- Mother's occupation (*occ_cat_mother*: 6 categories, described in Table 3).

¹consumption variable was equivalized using the square root scale.

2 Descriptive Statistics

Table 1: Respondant's socio-demographics - 2010

	Analysis sample	Total sample
	(N=4,632)	(N=12,864)
Gender		
0 Female	2,183 (47.1%)	6,674 (51.9%)
1 Male	2,449 (52.9%)	6,190 (48.1%)
Ethnicity		
1 Babwisi	25 (0.5%)	56 (0.4%)
2 Bantu	2,763 (59.7%)	7,196 (55.9%)
3 Banyarwanda	47 (1.0%)	177 (1.4%)
4 Basongora	0 (0%)	1 (0.0%)
5 Chope	1 (0.0%)	7 (0.1%)
6 Ik (Teuso)	0 (0%)	8 (0.1%)
7 Indian	3 (0.1%)	5 (0.0%)
8 Indigenous African Pygmy	1 (0.0%)	5 (0.0%)
9 Karamojong	182 (3.9%)	276 (2.1%)
10 Niloc	294 (6.3%)	770 (6.0%)
11 Nilohamites	531 (11.5%)	1,158 (9.0%)
12 Nilotic	724 (15.6%)	1,839 (14.3%)
13 Nubi	5 (0.1%)	19 (0.1%)
14 Other(Specify)	56 (1.2%)	153 (1.2%)
Missing	0 (0%)	1,194 (9.3%)

Table 2: Parental education - 2010

	Analysis sample	Total sample
	(N=4,632)	(N=12,864)
Mother's education (levels)		
1 No formal education	1,261 (27.2%)	1,530 (11.9%)
2 Currently attending school	304 (6.6%)	354 (2.8%)
3 Less than primary	602 (13.0%)	782 (6.1%)
4 Primary	1,843 (39.8%)	2,203 (17.1%)
5 Completed Post primary Specialized training or Certificate	52 (1.1%)	61 (0.5%)
6 O-level	422 (9.1%)	490 (3.8%)
7 A-level	30 (0.6%)	41 (0.3%)
8 Completed Post secondary Specialized training or diploma	89 (1.9%)	99 (0.8%)
9 Completed Degree and above	22 (0.5%)	30 (0.2%)
10 Completed University	7 (0.2%)	13 (0.1%)
Missing	0 (0%)	7,261 (56.4%)
Father's education (levels)		
1 No formal education	769 (16.6%)	871 (6.8%)
2 Currently attending school	242 (5.2%)	259 (2.0%)
3 Less than primary	569 (12.3%)	746 (5.8%)
4 Primary	2,038 (44.0%)	2,497 (19.4%)
5 Completed Post primary Specialized training or Certificate	118 (2.5%)	125 (1.0%)
6 O-level	539 (11.6%)	670 (5.2%)
7 A-level	88 (1.9%)	107 (0.8%)
8 Completed Post secondary Specialized training or diploma	197 (4.3%)	213 (1.7%)
9 Completed Degree and above	53 (1.1%)	59 (0.5%)
10 Completed University	19 (0.4%)	32 (0.2%)
Missing	0 (0%)	7,285 (56.6%)

Table 4: Respondant's consumption - 2010

	N	Mean	SD	Median	Min	Max	Missing
Analysis sample	4,632	2,068	1,881	1,473	141.0	16,606	0
Total sample	12,864	NA	NA	1,511	108.6	26,486	198

Table 3: Parental occupation - 2010

	Analysis sample	Total sample
	(N=4,632)	(N=12,864)
Mother's occupation (categories)		
1 Agricultural Farming And Fishery Workers	312 (6.7%)	422 (3.3%)
2 Casual Labourer	96 (2.1%)	136 (1.1%)
3 Non-Agricultural	211 (4.6%)	289 (2.2%)
4 Other Unpaid Family Work	647 (14.0%)	872 (6.8%)
5 Paid Employee	87 (1.9%)	98 (0.8%)
6 Unemployed	3,279 (70.8%)	4,029 (31.3%)
Missing	0 (0%)	7,018 (54.6%)
Father's occupation (categories)		
1 Agricultural Farming And Fishery Workers	267 (5.8%)	347 (2.7%)
2 Casual Labourer	186 (4.0%)	263 (2.0%)
3 Non-Agricultural	238 (5.1%)	340 (2.6%)
4 Other Unpaid Family Work	587 (12.7%)	788 (6.1%)
5 Paid Employee	109 (2.4%)	141 (1.1%)
6 Unemployed	3,245 (70.1%)	3,902 (30.3%)
Missing	0 (0%)	7,083 (55.1%)

2.1 Missing patterns

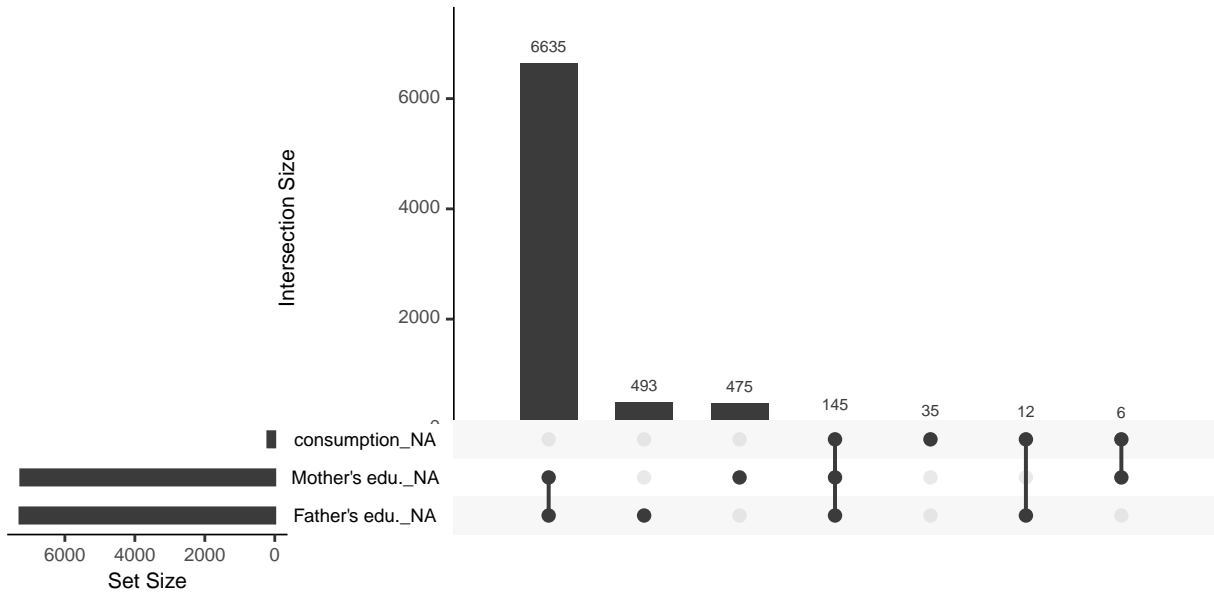


Figure 1: Missing patterns: *Left*: Marginal distribution of missing observations per variable. *Right*: Combination of missingness across cases

2.2 Differences in expected total equivalized household consumption between samples

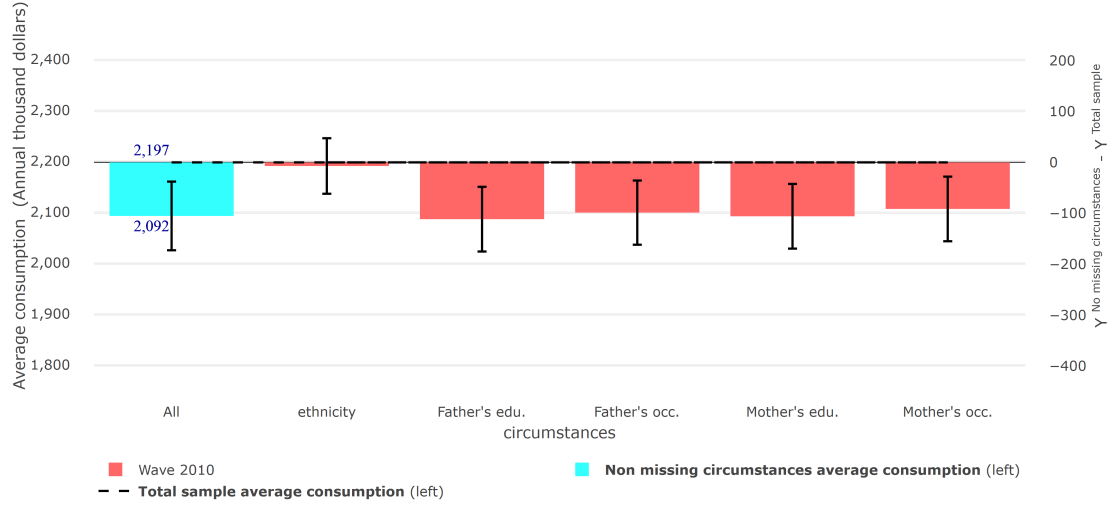


Figure 2: Differences in expected total equivalized household consumption between the sample with non-missing circumstances and the total sample

2.3 Gini coefficient

Table 5: Gini coefficient in analysis sample and total sample

Wave	Sample	Gini	Lower bound	Upper bound	Average consumption
Wave 2010	Analysis sample	0.42	0.414	0.436	2,092
Wave 2010	Total sample	0.44	0.431	0.446	2,197

2.4 Differences in Gini coefficient between samples



Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample