

GE Effects of Cash Transfers: Pre-analysis plan for household welfare analysis*

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Abstract

This document outlines outcomes and regression specifications for estimating the effects of unconditional cash transfers on the welfare of recipient households as part of the General Equilibrium Effects (GE) project. This project is a randomized evaluation of an unconditional cash transfer program by the NGO *GiveDirectly* (GD) in Kenya. This is a two-level randomized controlled trial where treatment status is randomized at the village level and treatment intensity is randomized at the sublocation level, the administrative unit above a village. This document is part of a series of five pre-analysis plans filed to the AEA trial registry as part of the GE project, and focuses on estimating treatment effects for households eligible to receive transfers from GD using data collected via household surveys. We specify regression equations, primary outcomes, and a catalog of outcomes that we will study, as well as corrections for multiple testing and data checks. We also discuss how the analyses specified here fit in with the other pre-analysis plans filed as part of this project.

Appendix A: Endline household survey instrument

Appendix B: Baseline household survey instrument

Appendix C: Household data management note

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1 Introduction

1.1 Summary

This document outlines the analysis plan for endline household survey data collected as part of the General Equilibrium Effects (GE) project, a randomized controlled trial of an unconditional cash transfer program by the NGO *GiveDirectly* (GD). GD makes large unconditional cash transfers to poor households in Kenya. The magnitude of the transfers is large, around USD 1,000 (nominal) per household, about 75% of annual expenditure for recipient households. At the time of this study, GD targeted households living in homes with grass-thatched roofs, a basic means-test for poverty; we find 33% of households eligible in our study area. (GD currently uses a variety of targeting criteria that distributes transfers to a similar share of households). The intervention involves over USD 11 million in transfers and 653 villages in one Kenyan county. Treatment assignment is randomized at the village level, and within treatment villages, all households meeting GD’s eligibility requirement receive the unconditional cash transfer.¹ A second level of randomization provides variation in treatment intensity: sublocations, an administrative unit directly above the village level comprising of an average of ten villages, were randomly assigned to high or low saturation status. In high saturation sublocations, two-thirds of villages were assigned to treatment, while in low saturation sublocations, only one-third of villages were assigned to treatment.²

This analysis plan focuses on estimating direct treatment effects for eligible households (transfer recipients). Our experimental design allows us to estimate between-village spillover effects on eligible households, which could contaminate our estimates of the direct treatment effects. This design builds on Haushofer and Shapiro (2016), which allowed for within-village spillovers but assumed no spillovers across villages. This research question also relates to a broad literature on cash transfers, which generally finds positive effects for recipient households (Arnold, Conway, and Greenslade 2011 provide a review of the literature). As GD expects to commit around USD 50 million of cash transfers in 2017, estimating direct effects for transfer recipients is highly relevant.

This document is part of a series of five pre-analysis plans for the GE project. We already filed two pre-analysis plans: one on midline market price and enterprise phone survey data (Haushofer et al. 2016, filed May 19, 2016.), and one on local public finance (Walker 2017, filed February 12, 2017). We plan to file two additional pre-analysis plans in addition to this plan. One will study the targeting of cash transfers, and seeks to address whether targeting the most deprived households leads to the greatest average treatment effects (this will be referred to as the “targeting” PAP). The other, the general equilibrium (GE) PAP, focuses on prices, output and productivity, and looks into spillovers in more detail. The focus of this document is on direct treatment effects for recipient households, as these are highly relevant to policymakers, and the magnitude of treatment effects will provide context for understanding the results pre-specified in the other analysis plans.

1. This follows GD’s typical operating procedure for lump sum transfers.

2. More details can be found in section 1.3 on the experimental design.

This pre-analysis plan is not meant to be exhaustive, nor to preclude additional analyses, and we anticipate carrying out additional analyses beyond those described here.

The remainder of this document describes the intervention and experimental design (Sections 1.2 and 1.3), the data collected (Section 2), the empirical strategy (Section 3), the primary outcomes (Section 4), and the full catalog of pre-specified outcomes (Section 5). Section 2.1 discusses data examined to date, and plans for examining data once this pre-analysis plan has been filed but before the rest of these pre-analysis plans are filed. The appendix contains household survey instruments and the associated data management note.

1.2 Intervention³

GD provides unconditional cash transfers to poor households in rural Kenya, targeting (for villages in our study) households living in homes with thatched roofs, a basic means-test for poverty. In treatment villages, GD enrolls all households in treatment villages meeting its thatched-roof eligibility criteria (“eligible” households); approximately one-third of all households are eligible. No households in control villages receive transfers. Eligible households enrolled in GD’s program receive a series of 3 transfers totaling about USD 1,000⁴ via the mobile money system M-Pesa.⁵ This is a one-time program and no additional financial assistance is provided to these households after their final large transfer.

GD’s enrollment process in treatment villages consists of the following 6 steps:

1. Village meeting (*baraza*): Before beginning work in a village, GD holds a meeting of all households in the village to inform villagers that GD will be working in their village, explain their program and GD as an organization. To prevent gaming, the eligibility criteria are not disclosed.
2. Census: GD staff conduct a household census of the village, collecting information on household names, contact information and housing materials. The information on housing materials are used to determine program eligibility.
3. Registration: Households identified as eligible based on the household census are visited by the registration team. GD staff confirm the eligibility of the household, inform the household of their eligibility for the program and register the household for the program. This is the point at which households learn they will be receiving transfers, as well as the amount of the transfers, the transfer schedule, and the fact that the transfer is unconditional.⁶ Households

3. Some of the text in this section and section 1.3 is reproduced from Walker (2017).

4. The total transfer amount is 87,000 Kenyan Shillings (KES). The average exchange rate from 9/1/14 to 4/30/16 was 97 KES/USD.

5. For more information on M-Pesa, see Mbiti and Weil (2015) and Jack and Suri (2011).

6. To emphasize the unconditional nature of the transfer, households are provided a brochure with many potential uses of the transfer.

are instructed to register for M-Pesa, a prerequisite for receiving the transfer. Households that do not have a mobile phone are given the option to purchase one from GD staff, the cost of which is deducted from the transfer amount.

4. Backcheck: All registered households are backchecked to confirm eligibility in advance of the transfers going out. This is an additional step to prevent gaming by households and field staff, as the census, registration and backcheck teams consist of separate staff members.
5. Transfers: The cash is transferred in a series of three payments via M-Pesa according to the following schedule: (i) the token transfer of KES 7,000 (about USD 70) ensures the system is working properly; (ii) two months afterwards, the first lump sum transfer of KES 40,000 is distributed; (iii) six months after this, the second and final lump sum transfer of KES 40,000 is sent. If households elected to receive a mobile phone from GD, the cost of this is taken out of the second lump sum transfer. Transfers are typically sent at one time per month to all households scheduled to receive transfers.
6. Follow-up: After transfers go out, GD staff follow up via phone with transfer recipients to ensure no problems have arisen. In addition, there is a GD help line that recipients can contact. If GD staff learn that household conflicts have arisen as a result of the transfers, transfers were sometimes delayed while these problems were worked out.

Existing evidence finds positive benefits of GD’s program for recipient households: Haushofer and Shapiro (2016) conducted an impact evaluation in 2012 and found recipient households experienced a 61% increase in the value of assets, a 23% increase in expenditures, as well as improved food security and psychological well-being.

1.3 Experimental Design

This study is one component of a broader investigation into the general equilibrium effects of cash transfers (Haushofer et al. 2014). The GE project takes place in Siaya County, Kenya, a rural area in western Kenya bordering Lake Victoria. Siaya County is predominately Luo, the second largest ethnic group in Kenya. GD selected both Siaya County and a region within Siaya County⁷ based on its high poverty levels and identified target villages for expansion; in practice, these were all villages within the region that a) were not located in peri-urban areas and b) were not part of a previous GD campaign. This gives a final sample of 653 villages, spread across 84 administrative sublocations (the unit above a village), and 3 constituencies.⁸

7. This selection was based on the 2009 Population Census, which occurred prior to devolution and the creation of county governments. Based on 2009 administrative boundaries, the study area consists of 5 of the 7 divisions in Siaya District: Boro, Karemo, Ugunja, Ukwala and Uranga. The 2009 census lists enumeration areas, which we refer to as villages.

8. 5 villages were dropped after randomization: 4 villages, all of which contained the “Town” in the name, were dropped for being too urban for GD to work in. 1 of these was assigned to treatment, the remaining were assigned

We use a two-level randomization in order to generate variation that can be used to identify spillover effects. We randomly assigned sublocations (or in some cases, groups of sublocations) to high or low saturation status. Then, within high saturation groups, we assigned 2/3 of villages to treatment status, while within low saturation groups, we assigned 1/3 of villages to treatment status. As noted above, within treatment villages, all eligible households receive a cash transfer.

The randomization was conducted in two batches based on GD’s expansion plans. The first batch included villages in Alego constituency, where GD had previously worked. In Alego, we sought to create saturation groups in which the number of villages in our study was a multiple of 3, if it was possible to combine contiguous sublocations; this also ensured at least 3 villages were in a saturation group. We created 23 saturation groups out of a total of 39 sublocations in Siaya, 11 of which matched directly to a single sublocation. Saturation groups in Siaya had on average 10 villages. We stratified assignment of high and low saturation by the level of exposure within the saturation group (the share of villages involved in a previous GD campaign), splitting the exposure level at the median. We then randomly assigned villages to 3 groups, and randomly assigned these groups to either a) always treatment, b) treatment in high saturation, control in low saturation and c) always control. We randomly generated an order for GD to work in by first randomly ordering the saturation groups and then villages within saturation groups. The second batch included villages in Ugunja and Ugenya constituencies. GD had not previously worked in any villages in these constituencies, so we did not stratify on any variables for these villages. Given the larger number of villages per sublocation, we also took the sublocation to be the saturation group. We assigned villages to one of three groups, pooled the “residual” villages that were not a multiple of 3, and randomly assigned 1/3 of these to the always treatment group, 1/3 to the treatment in high saturation sublocation group, and 1/3 to the always control group. GD worked first in Ugunja and then Ugenya. We generated a random order within these constituencies by first ordering locations (the administrative unit above the sublocation), then sublocations within the location, then villages within the location. Ordering based on location was used in an attempt to limit gaming by households.

Due to the large number of villages and households involved in the study, GD worked on a rolling basis across villages in the study area following the random order described above. The timing of transfers to eligible households within a village may vary for several reasons. GD generally began sending transfers to eligible households within a village once 50% of the eligible households (as identified via the census) completed the enrollment process. Villages that were above this threshold but in which GD was still working on completing the enrollment of other households would see a difference in the timing of transfers to households. If households delayed in signing up for M-Pesa, this would also introduce delays in their transfers and differences across villages. If households reported issues arising due to the transfers (such as marital problems or other conflicts), transfers may be delayed while these problems are worked out.

to control. The boundaries of one control village were unable to be determined by field staff despite repeated efforts. This was an enumeration area created for the 2009 census that did not correspond to existing village boundaries.

2 Data

The primary data source for this analysis are household surveys. In advance of the distribution of transfers to a treatment village, we conducted a baseline household census and household survey. The household census was designed to be comparable to GD’s census, but to ensure there was no systematic bias between their censusing methods and ours, we conducted our own censuses in all villages (both treatment and control). The census served as a sampling frame for baseline household surveys. We determined household eligibility based on the census data and targeted 12 households per village for inclusion in the study, 8 eligible households and 4 ineligible households. We randomly ordered households by treatment status, and attempted to survey the first 8 eligible and first 4 ineligible households; we refer to these households as “initially-sampled” households. For couples, we randomly selected either the male or female to be the “target” respondent; if we could not reach the target, but the spouse/partner was available, we surveyed the spouse/partner.

If an initially-sampled household was not available to be surveyed on the day we visited the village for baseline surveys, we replaced this household with the next one on the list in order to ensure that we surveyed 12 households in each village; we refer to these households as “replacement” households. Lastly, we refer to households that were initially-sampled but unable to be surveyed as “missed baseline” households.

Endline surveys target all “initially sampled” and “replacement” households. For households that were baselined, we attempt to survey the same respondent that was surveyed at baseline. Endline surveys began at the end of May 2016 and concluded in June 2017. The median survey date is about 18 months after the baseline surveys and 10 months after the third cash transfer.

2.1 Analysis and data examined to date

A data management note was filed with the AEA trial registry detailing access to the endline household survey data in advance of the filing of this pre-analysis plan.⁹ The note stated that members of the research team working on the pre-analysis plan would have limited access to the first weeks of survey data collection (a total of 334 surveys) and deidentified access to up to 10% of the target sample size to ensure survey forms worked properly, improve choice sets for questions, identifying any survey questions taking too much time and developing high frequency and consistency checks to ensure data quality. Field staff working in Kenya would have access to the data to compile, store, and update field tracking information, but would also not estimate treatment effects for any outcomes.

All members of the research team and field teams, as outlined in the note, have followed the

9. This note was filed on June 28, 2016, and updated on August 2, 2016 to include additional individuals as part of the plan. The text of the data management note and electronic signatures from each member of the research team is included in the appendix.

guidelines described in this notes, and no treatment effects have been estimated for the endline household survey datasets in advance of filing this pre-analysis plan. The only use of treatment status information has been to ensure balanced tracking rates across treatment and control villages.

One pre-analysis plan has already been filed describing the analyses to be conducted based on market survey and enterprise phone survey data (Haushofer et al. 2016, filed May 19, 2016.). A second pre-analysis plan on local public finance was filed (Walker 2017, filed February 12, 2017); this local public finance pre-analysis plan covered data collected from local leaders and school head teachers and includes endline household survey data, but access to endline household survey data has not yet been granted. As noted in Section 1.1, there are plans for two additional pre-analysis plans: the targeting pre-analysis plan and the GE pre-analysis plan.

After this, the household welfare pre-analysis plan, is filed, de-identified household survey data for eligible households will be provided to PIs and research assistants to begin the data cleaning process, so that we will not have any information about treatment or saturation status. This will simply allow us to begin variable construction and data cleaning while the other pre-analysis plans are finalized. Identified data will not include not be examined prior to the filing of the targeting and GE pre-analysis plans.

3 Empirical Strategy

3.1 Treatment effect of cash transfers

We use data from all eligible households – “initially-sampled” households (both those that were baselined and missed at baseline) and “replacement” households – as part of our main specifications. We base our classification of eligible households on GE household census data. This is analogous to an intention-to-treat (ITT) analysis.

For outcomes that were collected at baseline, our main specification is an ANCOVA that conditions on baseline values of the outcome variable; for households that we missed at baseline, we include an indicator that the household was missed at baseline, and include the mean value of the baseline variable in the regression equation.

$$y_{ihvs,t=1} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \delta_1 y_{ihvs,t=0} + \delta_2 M_{ihvs} + \varepsilon_{ihvs} \quad (1)$$

Here, h indexes the household, v indexes the village, s indexes the sublocation and t indicates whether the variable was measured at baseline or endline. We collect data on individual household members using a household roster. This allows us to analyze some outcomes on the individual, rather than the household level. For such outcomes, i indexes members in the household roster. T_{vs} is an indicator for households residing in a treated village. β_1 identifies the effect of receiving a

transfer compared to eligible households in control villages. H_s is an indicator for living in a high-saturation sublocation, which we control for as it was part of the research design. β_2 is the effect on $y_{ihvs,t=1}$ of residing in a high-saturation sublocation; this is an average effect across treatment and control villages in high-saturation sublocations. Our focus in this pre-analysis plan is on β_1 , and whether there are cross-village spillover effects (β_2) that could influence our interpretation of β_1 . This is a very reduced-form approach to spillover effects; we conduct a more detailed examination and explore whether there is an additive effect from being in both a treatment and high-saturation sublocation ($T_{vs} \times H_s$) as part of the separate general equilibrium pre-analysis plan. Following McKenzie (2012), we condition on the baseline values of the outcome variable $y_{hv,t=0}$ to improve statistical power. When $y_{hv,t=0}$ is missing for an observation, we include an indicator term for missingness M_{ihvs} and replace $y_{hv,t=0}$ with its mean. Our primary specification clusters standard errors at the village level, our unit of randomization for treatment status. This provides the most precise estimate of the direct treatment effect, the coefficient on β_1 . The tradeoff to added precision on β_1 is that the standard errors on β_2 may not be accurate. To address this possibility, we re-estimate equation (1) clustering standard errors at the saturation group level in order to test if $\beta_2 = 0$. If we find evidence of spillover effects, we will explore the robustness of β_1 and β_2 to alternative parameterizations of spillover effects, including those that may be discussed as part of the general equilibrium PAP.

For outcomes that were not collected as part of the baseline survey (outcomes in section 4 and 5 denoted by \ddagger), our primary specification is the following:

$$y_{ihvs,t=1} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \varepsilon_{ihvs}, \quad (2)$$

where all variables and standard errors are the same as in Equation 1.

For both equations 1 and 2, our first set of main hypothesis tests focus on the direct effects of cash transfers to recipient households. We test whether $\beta_1 = 0$, and adjust for multiple inference as outlined in Section 3.2 across this direct effect. Next, we test for whether there are cross-village spillovers ($\beta_2 = 0$) for eligible households using equation (1) with standard errors clustered at the saturation group level. We adjust for multiple inference for this test separately from the tests for direct effects. We again note that we will conduct a more detailed spatial investigation into spillover effects that will be pre-specified as part of a separate analysis plan.

We conduct several pre-specified robustness checks that will be included in an appendix. First, we estimate Equation 1 and restrict the sample to a balanced panel of “initially-sampled” eligible households. This avoids the need to use an indicator variable for missing values of the baseline value of an outcome variable, and, though the replacement should be unbiased, avoids the use of these households as well. Second, we estimate Equation 2 restricting the sample to only those eligible households that were initially targeted for surveys.

3.2 Multiple inference adjustments

There is a well-established literature that cash transfers have positive effects on recipient households. We believe the primary question is the dimensions on which cash transfers affect behavior and the magnitude of these effects, rather than the presence of any overall effect. Given that our survey instrument included several items related to a single behavior or dimension, we select ten primary outcomes (in some cases indices of multiple variables). The naive p -values on these outcomes are correct for readers with an a priori interest in one of these particular hypotheses. To control for multiple inference, we calculate sharpened q -values within each outcome family following Benjamini, Krieger, and Yekutieli (2006) to control the false discovery rate (FDR). The FDR controls for the proportion of false positives, which is relevant if one is interested in the proportion of the ten primary outcomes affected by treatment. Rather than specifying a single q , we report the minimum q -value at which each hypothesis is rejected, following Anderson (2008). We will report both standard p -values and minimum q -values in our analysis. We will apply the correction separately for each hypothesis test described in Section 3.1. For readers interested in the hypothesis of whether there is any overall effect on any of these primary outcomes, we estimate a system of seemingly unrelated regressions (SUR) and conduct a Wald test of joint significance for our ten primary outcomes. Section 5 outlines additional “families” of outcomes that we will study. We control for the FDR rate within families of outcomes as well, and apply the correction separately for each hypothesis test described in Section 3.1. We note that norms around multiple testing are still evolving in economics, and through the above methods seek to follow current best practices.

3.3 Covariate adjustment

To improve precision, we will estimate two variants of Equations 1 and 2 that incorporate information on household and village characteristics as control variables. The first adjustment method includes theoretically important indicator variables, described in Section 5.13, as additive terms and interactions with the treatment indicator. The set of demeaned indicators partitions our sample so that our estimate remains unbiased for the average treatment effect (Lin 2013).

In a second adjustment method, we begin with the universe of baseline variables in the survey and perform model selection using the LASSO (Tibshirani 1996). Let $y_{k,ihvs}$ denote our primary outcomes measured at endline, where k indexes the outcome, i indexes the household member where available, h indexes the household, v indexes the village, and s indexes the sublocation. For each outcome, we estimate a LASSO regularized regression of the outcome on dichotomized baseline variables and their pairwise interactions. For each k^{th} regression, we perform a repeated 10-fold cross-validation and choose the regularization parameter according to the “one standard error rule”¹⁰ (Krstajic et al. 2014). Denote the sparse set of regressors with non-zero coefficients

10. We select the most parsimonious model whose error is no more than one standard error above the model with minimum error.

by $\mathbf{U}_{k,ihvs}$. We obtain covariate-adjusted treatment effect estimates by estimating Equations 1 and 2 including the demeaned vector $\hat{\mathbf{U}}_{k,ihvs}$ as an additive term and interaction with the treatment indicator.

We can compare our primary specification in Equation 1 and both methods of covariate adjustment and examine each specification’s capacity to provide precise estimates of the treatment effect. These specifications with covariate adjustment will be included in the appendix. If either specification with covariate adjustment is considerably more precise, we will also include it in the main analysis with our primary specification without covariate adjustment.

3.4 Exact tests of the treatment effect

In addition to the large-sample approach outlined in Section 3.1, we perform Monte Carlo approximations of exact tests of the treatment effect (Fisher 1935). Randomization inference allows us to test the Fisherian sharp null hypothesis that $y_{ihvs}^{(t)} = y_{ihvs}^{(c)}$ for every unit $ihvs$.¹¹ To remain analogous with our main specification, we use the conventional Wald statistics from Equation 1 as our test statistics.

We calculate exact p -values for the treatment and spillover effects under the null hypothesis using a Fisher permutation test. Specifically, we take 10,000 permutations of the treatment indicator T_{vs} and calculate the Wald statistics for each m^{th} permutation. We hold fixed the treatment-control balance by randomly re-allocating the realized village treatment assignments rather than replicating the underlying distribution. We hold fixed the values of household eligibility E_{hvs} and sublocation saturation status H_s . The exact p -value is

$$\frac{1}{10,000} \sum_{m=1}^{10,000} \mathbf{1} \left[\hat{\beta}'_m \hat{V}(\hat{\beta}_m)^{-1} \hat{\beta}_m > \hat{\beta}'_{obs.} \hat{V}(\hat{\beta}_{obs.})^{-1} \hat{\beta}_{obs.} \right] \quad (3)$$

We will adjust for multiple inference in a fashion analogous to adjustments described in Section 3.2 and calculate minimum q -values to control the FDR. We will report results from our main specification and from randomization inference, but consider the results from the main specification to be primary.

3.5 Heterogeneous treatment effects

We will test whether the impact of the cash transfers varies with household characteristics measured at baseline. This allows us to understand which sub-groups contribute disproportionately to average treatment effects. Pre-specified dimensions of heterogeneity are described in Section 5.13. To investigate heterogeneity by baseline characteristic X_{ihvs} , we estimate a model for each dimension of heterogeneity that interacts the treatment indicator with X_{ihvs} .

11. This hypothesis is more restrictive than a null hypothesis of no average treatment effect.

$$y_{ihvs,t=1} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \gamma_0 X_{ihvs} + \gamma_1 (T_{vs} \times X_{ihvs}) + \delta y_{ihvs,t=0} + \varepsilon_{ihvs} \quad (4)$$

γ_1 represents differential treatment effects across values of X_{ihvs} . We control for the FDR across dimensions of heterogeneity for each outcome and follow the approach outlined for equation (1) for standard errors.

3.6 Time-dependent treatment effects

Our household survey data contains temporal variation in the delivery of the cash transfers as part of the experimental design. As part of our randomization process, we created a randomized order of both treatment and control villages that determined the order villages begin treatment.¹² In Alego subcounty, we randomly ordered sublocations then randomly ordered villages within these sublocations. In Ugunja and Ukwala subcounties, we first randomly ordered locations (the administrative unit above a sublocation) within each subcounty, then randomly ordered sublocations within locations and villages within sublocations. Clustering by locations in Ugunja and Ukwala was added to help prevent gaming of GD’s eligibility criteria; since GD had previously worked in Alego prior to the start of the GE project, this was not implemented for Alego.

The order in which households were surveyed at endline was also randomly determined at the village-level. In theory, survey date is orthogonal to treatment assignment though it is possible that time to endline may correlate with treatment in practice. To assess whether actual endline survey date differs systematically by treatment assignment, we estimate the following equations.

$$\text{Months}_{vs} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \varepsilon_{vs} \quad (5)$$

$$\text{Days}_{hvs} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \varepsilon_{hvs} \quad (6)$$

Equation 5 is estimated at the village level with Months_{vs} as the number of months since the first village is surveyed at endline. Equation 6 is estimated at the household level with Days_{hvs} as the number of days since the first household in the village is surveyed. β_1 in Equation 5 and Equation 6 is the differential delay in survey rollout at the village and household levels, respectively.

We leverage the experimentally-assigned treatment ordering to analyze how treatment effects may depend on time elapsed since the treatment delivery. We define the “experimental last transfer month” for a village as 8 months after the village’s “experimental start date” to reflect when villages

12. The first transfer households receive is for USD 72 and is referred to by GD as the “token” transfer. The first transfer is followed by two lump sum transfers of USD 412. The second transfer was sent 2 months after the first transfer and the third transfer sent 8 months after the first transfer.

(if assigned to treatment) could expect the first payments of the third (and final) transfer.¹³ We define the month of endline for a village as the first month in which households within that village begin endline surveys. We begin by creating separate indicators for the difference between the month of endline and the experimental last transfer month. Let $R_{vs,q}$ be an indicator which takes a value of 1 for villages in the q^{th} tercile in the distribution of months since the experimental last transfer month. We then estimate the following model with $R_{vs,q=1}$ as the omitted group, clustering standard errors at the village level.

$$y_{ihvs,t=1} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \zeta_0 R_{vs,q=2} + \zeta_1 (T_{vs} \times R_{vs,q=2}) + \eta_0 R_{vs,q=3} + \eta_1 (T_{vs} \times R_{vs,q=3}) + \delta y_{ihvs,t=0} + \varepsilon_{ihvs} \quad (7)$$

We will test $\zeta_1 = 0$, $\eta_1 = 0$, and $\zeta_1 = \eta_1$ to determine whether treatment effects on recipient households differ by transfer timing.

3.7 Analysis of potential attrition bias

To assess whether attrition of households between baseline and endline surveys confounds our results, we conduct the following analyses. Let r_{hvs} be an indicator for whether household h in village v in sublocation s is observed at baseline but not at endline. First, Equation 8 estimates whether the magnitude of attrition varies with treatment status, and we follow equation (1) for our standard errors:

$$r_{hvs} = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \varepsilon_{hvs}. \quad (8)$$

Second, Equation 9 assesses whether observation status varies with a vector of baseline characteristics $\mathbf{X}_{hvs,t=0}$ including variables from Sections 4 and 5.13.

$$r_{hvs} = \omega \mathbf{X}_{hvs,t=0} + \varepsilon_{hvs} \quad (9)$$

Third, Equation 10 tests whether there are differences in baseline characteristics across treatment arms for respondents observed at endline.

$$(X_{hvs,t=0} | r_{hvs} = 1) = \beta_0 + \beta_1 T_{vs} + \beta_2 H_s + \varepsilon_{hvs} \quad (10)$$

Equations 8 - 10 will be estimated only for households surveyed at baseline and with standard

13. The construction of the experimental start date is explained in detail in Haushofer et al. (2016). In summary, we assign villages to an experimental start date based on the randomized village ordering and GD's pace working across subcounties.

errors clustered at the village level when looking at β_1 and the saturation group level when looking at β_2 . If we find worrying levels of differential attrition, we will adjust for potential bias by bounding our parameter of interest (Lee 2009) and by using a weighted least squares estimator with the inverse probability of selection as weights.

3.8 Balance tests

In the appendix, we will include a balance table testing for baseline balance for eligible households across treatment villages and saturation status for all of our primary outcomes for which we have baseline data (those marked with a ‡ in Section 4) and our dimensions of heterogeneity (listed in 5.13), denoted $\mathbf{X}_{hvs,t=0}$ below:

$$\mathbf{X}_{hvs,t=0} = \phi_0 + \phi_1 T_{vs} + \phi_2 H_s + \varepsilon_{ihvs} \quad (11)$$

We are interested in whether ϕ_1 and ϕ_2 are different than zero, implying that there are baseline differences in these outcomes across treatment and control households. Standard errors follow those in equation (1).

4 Primary outcomes of interest

The variables detailed in this section are our primary outcomes of interest will be included in multiple comparison adjustments. In future work examining the long-term effects of cash transfers, we will pool data with the three-year follow-up of Haushofer and Shapiro (2016). Outcomes marked by * do not appear as outcomes in Haushofer and Shapiro (2016). Outcomes marked by † will be analyzed at the individual member level. Outcomes marked by ‡ were not measured at baseline and will be analyzed using Equation 1 omitting $y_{hv,t=0}$.¹⁴ As is common with many income and consumption measures, we take the standard approach of winsorizing the top 1% of our monetary and hours worked variables (outcomes 1, 2, 3, 4 and 10 below). In the appendix we will present unadjusted estimates, as well as estimates trimming the top 1%. If there are large differences between these approaches we will investigate the reasons why and the individuals driving these results.

14. The context should determine when numbers refer to outcomes in the pre-analysis plan versus question numbers (variables) from the household survey. We utilized several versions of the household survey; while all versions were substantively the same, we made minor changes to reflect realized survey times and other issues that may have been encountered over the course of fieldwork. All question numbers refer to those in the last version of the endline survey (denoted v20) and included as an appendix. We will make all other survey versions available as well, and will refer to the analogous questions to those in version 20 in the case of any numbering changes. We construct baseline variables based on these same questions or their analogues, though the numbers may differ. If an index includes both variables that were and were not collected at baseline, we construct the baseline value of the index based on variables that were collected. Cases where baseline variables are constructed in a significantly different manner are noted.

1. **Total value of non-land assets:** Summary measure of asset values (section 5.1); sum of value of asset variables 6.13.a-z, 6.13.aa-hh, and value of loans given (10.8.b) net of total amount of loans taken (sum of variables 10.3.d, 10.4.a, 10.5.a, 10.6.a, and 10.7.b).
2. **Total consumption expenditure in last 12 months:** Summary measure of consumption (section 5.2); sum of total food consumption in last 7 days (12.Q1 for items 12.1-18), frequent purchases in last month (12.19-29) and infrequent purchases in last 12 months (4.4.4, 12.30-38,39b), converted to yearly values.¹⁵
3. **Total household income in the last 12 months*:** Summary index of income and profits (section 5.3); sum of total profits from agriculture and livestock in the last 12 months (outcome 5.3.1) plus total profits from non-ag. business in the last 12 months (outcome 5.3.2) and the total after-tax value of wages, salaries and in-kind transfers earned in the last 12 months (outcome 5.3.3).
4. **Total household business revenue in the last 12 months*:** Summary measure of business revenue (section 5.4); sum of total revenue from agriculture and livestock in the last 12 months (outcome 5.4.1) plus sum of total revenue from non-ag business in the last 12 months (outcome 5.4.2).
5. **Subjective well-being index:** Summary measure of subjective well-being (section 5.5); weighted, standardized index of depression, happiness, life satisfaction, and stress, appropriately signed so that positive values indicate greater subjective well-being.
6. **Health status index:** Summary measure of health (section 5.6); weighted, standardized average of self-reported health, index of symptoms, and experienced a major health problem, appropriately signed so that positive values indicate better health outcomes.
7. **Education index:** Summary measure of education (section 5.7): weighted, standardized index of total education expenditure and proportion of school-aged children in school.
8. **Female empowerment index‡:** Summary measure for female empowerment (section 5.8); weighted, standardized index of attitudes index and violence index.
9. **Food security index:** Summary measure of food security (section 5.9); weighted, standardized index of food security outcomes.
10. **Hours worked in the last 7 days*:** Summary measure of labor supply (section 5.10); sum of respondent hours worked in agriculture, self-employment and employment. We note that total hours worked is not a welfare measure, and include it as a primary measure given the strong interest in the labor supply responses to cash transfers.

15. Based on aggregate consumption questions that match Haushofer and Shapiro (2016).

4.1 Construction of summary indices

We will follow the procedure proposed by Anderson (2008) to construct indices of subjective well-being, food security, health, education, and female empowerment. First, for each outcome variable y_{jk} , where j indexes the outcome group and k indexes variables within outcome groups, we recode the variable such that high values correspond to positive outcomes. We then compute the covariance matrix $\hat{\Sigma}_j$ for outcomes in outcome group j , which consists of elements:

$$\hat{\Sigma}_{jmn} = \sum_{i=1}^{N_{jmn}} \frac{y_{ijm} - \bar{y}_{jm}}{\sigma_{jm}^y} \frac{y_{ijn} - \bar{y}_{jn}}{\sigma_{jn}^y} \quad (12)$$

Here, N_{jmn} is the number of non-missing observations for outcomes m and n in outcome group j , \bar{y}_{jm} and \bar{y}_{jn} are the means for outcomes m and n , respectively, in outcome group j , and σ_{jm}^y and σ_{jn}^y are the standard deviations in the pure control group for the same outcomes. Next, we invert the covariance matrix, and define weight w_{jk} for each outcome k in outcome group j by summing the entries in the row of the inverted covariance matrix corresponding to that outcome:

$$\hat{\Sigma}_j^{-1} = \begin{bmatrix} c_{j11} & c_{j12} & \cdots & c_{j1K} \\ c_{j21} & c_{j22} & \cdots & \cdots \\ \vdots & \vdots & \ddots & \ddots \\ c_{jK1} & \vdots & \ddots & c_{jKK} \end{bmatrix} \quad (13)$$

$$w_{jk} = \sum_{l=1}^{K_j} c_{jkl} \quad (14)$$

Here, K_j is the total number of outcome variables in outcome group j . Finally, we transform each outcome variable by subtracting its mean and dividing by the control group standard deviation, and then weighting it with the weights obtained as described above. We denote the result \hat{y}_{ij} because this transformation yields a generalized least squares estimator.

$$\hat{y}_{ij} = \left(\sum_{k \in \mathbb{K}_{ij}} w_{jk} \right)^{-1} \sum_{k \in \mathbb{K}_{ij}} w_{jk} \frac{y_{ijk} - \bar{y}_{jk}}{\sigma_{jk}^y} \quad (15)$$

4.2 Constructing real values

Our primary specifications use nominal values for monetary outcomes. As part of the study, we collect market prices from 61 weekly markets in our study area, and use this to construct an index of market prices (see Haushofer et al. 2016 for full details). We will check for price effects, and if

we find large price effects, we will also report estimates using real values in the main analysis. If we do not find large price effects, we will report real values for monetary outcomes in an appendix. The discussion of price effects will be contained in papers that focus on the results of the midline and GE pre-analysis plans.

We construct real values for monetary outcomes in the following manner. We generate our market price index at a monthly frequency as outlined in Haushofer et al. (2016), and take the mean over the main period of endline data collection (June 2016 to January 2017). For households living in (or near) our study area at endline, we then assign households the market price index of their nearest market, based on the as-the-crow-flies distance between households' location and markets. For households that are missing GPS coordinates and still residing in a GE study village, we use the geometric mean of households within the village from baseline household census data. For households that have migrated outside of the study area to another rural area, we use the mean market price across all markets in our study area as a rural price index. For households that have migrated to an urban area, we inflate our rural price index by the mean urban/rural price difference in market price surveys collected as part of the Kenya Life Panel Survey project, a longitudinal study of nearly 10,000 Kenyan youth involved in two previous randomized controlled trials (Miguel and Kremer 2004; Kremer, Miguel, and Thornton 2009), during our endline survey period.

5 Catalog of variables

We will analyze the treatment effect of cash transfers on a comprehensive list of outcomes, classified below by category, to better understand mechanisms underlying potential effects. We apply multiple inference corrections via FDR as outlined in section 3.2 for each “family” of outcomes, denoted by a separate section. Outcomes marked by * do not appear as outcomes in Haushofer and Shapiro (2016). Outcomes marked by † will be analyzed at the individual member level. Outcomes marked by ‡ were not measured at baseline and will be analyzed using Equation 2.

5.1 Assets

Summary measure – Total value of non-land assets: Sum of value of asset variables 6.13.a-z, 6.13.aa-hh, and value of loans given (10.8.b) net of total amount of loans taken (sum of variables 10.3.d, 10.4.a, 10.5.a, 10.6.a, and 10.7.b).

1. **Total value of livestock:** Sum of value of cattle, goats, sheep, chicken, other birds, and pigs (variables 6.13.aa-ff).
2. **Total value of agricultural tools:** Sum of value of farming tools, hand carts, wheelbarrows and ox plows (variables 6.13.w-z).

3. **Total value of furniture:** Sum of value of beds, mattresses, bednets, tables, sofa pieces, chairs, cupboards/dressers, and clock or watches (variables 6.13.h-o).
4. **Total value of radio / cassette player / CD player or TVs:** Sum of variables 6.13.e and 6.13.q.¹⁶
5. **House has non-mud floor:** Indicator variable from variable 6.0.a.
6. **House has non-thatched roof:** Indicator variable from variable 6.0.b for roof made of materials other than grass or leaves.
7. **House has non-mud walls:** Indicator variable from variable 6.0.c.
8. **House has electricity:** Indicator for house having electricity from any source (variable 6.1).
9. **House primarily uses an improved toilet:** Indicator variable for toilet or portable toilet from variable 6.2.¹⁷
10. **Cost of materials and labor to build house*:** Variable 6.5.a for households that own their own home (6.5).
11. **Total value of land owned by household*:** Total acres of land owned by the household (variable 6.6) multiplied by price per acre of land in the village (6.6.a).
12. **Total amount of loans taken in the last 12 mo.*:** Sum of borrowing from merry-go-round/ROSCA, commercial banks/lenders, moneylenders, M-Shwari.¹⁸ and anyone else outside household (variables 10.3.d, 10.4.a, 10.5.a, 10.6.a, and 10.7.b)
13. **Total amount of loans given in the last 12 mo.*:** Total amount lent to anyone outside household respondent expects to get back (variable 10.8.b).

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (the summary measure and outcomes 1-4 and 10-13) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.2 Consumption

Under the permanent income hypothesis, we would expect to see small changes in consumption expenditure as households consume the annuity value of the transfer. However, in both the US and

16. Haushofer and Shapiro (2016) only includes radios and TVs.

17. Haushofer and Shapiro (2016) use an indicator for ownership of an improved toilet/latrine. Our survey question asked about most frequent use rather than ownership, so we have adjusted this outcome.

18. M-Shwari is a mobile lending service tied to M-Pesa and Safaricom.

in developing countries, there is evidence of strong consumption expenditure responses to transfers (e.g. Parker et al. 2013; Haushofer and Shapiro 2016; Jappelli and Pistaferri 2010).

Summary measure – Total consumption expenditure in last 12 months:[‡] Sum of total food consumption in last 7 days (items 12.1-18), frequent purchases in last month (12.19-29) and infrequent purchases in last 12 months (4.4.4, 12.30-38,39b), converted to yearly values and all based on aggregate consumption questions.

1. **Total food consumption in the last 12 months**^{*‡}: For 23 food items including staples, vegetables, meat, fruits, and other consumption (items 12.C1-C23), expenditure in a typical week (12.Q8) for months purchased times the number of months purchased (12.Q7) plus total consumption value in a typical week for months produced (12.Q6) times months produced (12.Q5) plus gift consumption (12.Q9).
2. **Marginal utilities of consumption expenditure (“neediness”)**^{*‡}: Index of 23 food items including staples, vegetables, meat, fruits, and other consumption (12.C1-C23) as calculated in Ligon (2016).
3. **Total expenditure on temptation goods in the last mo.**[‡]: Sum of alcoholic drinks and tobacco products in last 7 days (12.Q1 for items 12.14 and 12.15) times 4 plus lottery tickets/gambling in the last month (12.22).
4. **Total housing expenditure in the last 12 mo.**[‡]: Sum of house rent/mortgage, home repair/maintenance, and improving/expending home (variables 12.30-32).
5. **Total education expenditure in the last 12 mo.:** Variable 4.4.4.¹⁹
6. **Total medical expenditure in the last 12 mo.**[‡]: Variable 12.36.
7. **Total social expenditure in the last 12 mo.**[‡]: Sum of recreation/entertainment expenses in the last month (12.24) times 12 plus religious expenses, charitable donations, weddings and funerals, and dowry/bride price in the last 12 months (variables 12.33-35 and 12.38).
8. **Total expenditure on durables in the last 12 mo.**[‡]: Variable 12.37.
9. **Total flow value of durables in the last 12 months**[‡]: see Section 5.2.1.
10. **Total consumption in the past 12 months, including flow value of durables**[‡]: Total consumption summary measure plus flow value of durables (see Section 5.2.1).

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (the summary measure and outcomes 1, 3-10) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

19. We construct baseline values of educational expenditure based on total school fees, supplies, and other school contributions in the 3 most recent school terms across all children.

5.2.1 Estimating the flow value of consumer durables

In addition to using the purchase price of durable goods, we estimate the value of services flowing from durables as a measure of household welfare. This is important as household investments in durables could actually decrease household expenditure, for instance if it results in lower maintenance costs. We take two approaches to estimating the flow value of household durables, first measuring rental equivalence and then measuring the user cost. We note in advance that we only have this information for a smaller set of households, particularly once we look only at eligible households within treatment and control villages. Because of this, these analyses for consumption outcomes 9 and 10 may be more suggestive, and if we find that these measures are too imprecise to draw meaningful inferences, we may exclude these outcomes from our main analysis, though we will still report them in an appendix.

If competitive rental markets exist for a durable good and the economy is in equilibrium, the market rental value measures the flow value from that durable. To measure rental equivalence, we surveyed both market vendors (as part of a subset of rounds of our market surveys) and a subsample of households to ask about the price at which they would rent durables. For households, we only ask the rental value if the household owns the item. Our preferred measure uses the data collected from households, though we again note that we only have this for a small randomly-selected subset of households. We take the mean annualized rental price of a single unit the good separately for treatment and control villages, as well as eligible and ineligible households. We then multiply the applicable mean rental value by the number of units of a good that each household owns in order to have a measure of the flow value for all households in our sample.²⁰

We will compare household values of rental equivalence with those collected from market surveys. With market surveys, we are unable to test for differences across treatment and control villages or eligible and ineligible households, which may mask potential quality differences between groups. We can test for differences in rental prices based on the density of recipient households within a certain radii.

Because rental markets are not common in many of these goods, we also follow the user cost approach outlined in Deaton and Zaidi (2002) to serve as a sensitivity and consistency check. This approach takes the opportunity cost of owning the good for one period as its flow value. The flow value V of a durable good over period t is given by

20. There are several items (beds and mattresses in particular) for which it is not customarily appropriate to ask about renting. We do not observe rental prices for these and thus omit them from our measure of consumption value when using rental equivalence. We are able to calculate user costs for these items.

$$V_t = p_t(i_t - \pi_t + \delta_t)$$

$$\delta_t = 1 - \pi_t - \left(\frac{p_t}{p_{t-T}}\right)^{\frac{1}{T}}$$

$i_t - \pi_t$ is the Fisherian real interest rate in period t and δ_t is the geometric depreciation rate in period t calculated using the vintage T , original purchase price p_{t-T} , and current market price p_t . We set our reference period t over 12 months to remain analogous with our other consumption measures. The user cost calculated in this way can be interpreted as the sum of the good's net return and possible capital gains over the 12 month period.

We obtain data on the real rate of interest taken as an average over several years and use that rate for all durable goods. We observe for all households the stock of durables and current market price p_t . We will use median values from the subset of households surveyed about user costs (the same households asked about rental costs) to impute T and p_{t-T} of each good for all households. We will test for differences between the flow value of a unit of a good calculated via the rental equivalence measure and the user cost measure.

5.3 Income and profits

Summary measure – Total household income in the last 12 months*: Sum of total profits from agriculture and livestock in the last 12 months (outcome 1 below) plus total profits from non-ag. business in the last 12 months (outcome 2 below) and the total after-tax value of wages, salaries and in-kind transfers earned in the last 12 months (outcome 3 below).

1. **Total profits from agriculture and livestock in the last 12 mo.***: Sum of crop output (7.16) valued at market prices if not reported in monetary units,²¹ plus pastoral output (7.6aa), net of salaries paid to workers outside the household (7.12), agricultural inputs (7.13.a-f), and the rental cost of land for agricultural purposes (acres rented for agriculture (6.8.b) times months rented (6.8.c) times monthly rent (6.8.d)).^{22,23}
2. **Total profits from non-ag. business in the last 12 mo.***: Sum of self-reported profits (8.11b) for all businesses owned.²⁴

21. Commodity prices obtained from market surveys. We use the price of the crop at the nearest market over the course of the endline survey. For any crops that are not included in our market survey, we use the median unit price for households within the same sublocation.

22. We do not subtract off unpaid labor. It is not clear that respondents are doing this when we ask about self-employment profits, so we do not subtract from ag. profits for consistency.

23. Due to time constraints at baseline, we did not collect crop-specific measures of output, and instead focused on total agricultural and pastoral output sales, which will be used as the measure of ag. and livestock revenue.

24. We will also analyze this variable as a monthly measure using 8.11a. Our primary measure will use self-reported profits. We will also construct a measure where we replace missing values of self-reported profits with self-employment

3. **Total after-tax value of wages, salaries and in-kind transfers earned last 12 mo.*:** Sum of cash salary last month (9.10) plus total value of benefits last month (9.12) net of income tax paid last month (9.11), annualized to a yearly measure by multiplying by the number of months worked in last 12 months (calculated as month of survey minus employment start date (9.3) if employment working patterns (9.7) are full-time or part-time, and based on 9.7a if employment working patterns are seasonal.) for all workers in the household. We set this to zero if no household members are working for wages.²⁵
4. **Hourly wage rate for those employed/working for wages*†:** Total earnings (sum of variables 9.10 and 9.12 net of 9.11) last month times (7/30) to get a measure of weekly earnings, divided by total hours worked in the last week (9.8), for each individual in the household working for wages. We investigate this at an individual level and we restrict this analysis to individuals working for wages. When looking at labor supply and time use (section 5.10), we look at selection into working for wages as an outcome.

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (the summary measure and outcomes 1-4) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.4 Business revenue

Summary measure – Total household business revenue in the last 12 months²⁶: Sum of total revenue from agriculture and livestock in the last 12 months (outcome 1 below) plus total self-employment earnings in the last 12 months for all businesses owned (outcome 2 below).

1. **Total revenue from agriculture and livestock in the last 12 mo.:** Sum of crop output (7.16) valued at market prices if not reported in monetary units, plus pastoral output (7.6aa) for livestock/pastoral activities.^{27,28}
2. **Total revenue from non-ag. business in the last 12 mo.:** Sum of variables 8.8b for all businesses owned.²⁹

revenue (8.7b) net of total costs (sum of 8.15, 8.16.a-h, and 8.17.a-g times 12 plus annualized business license costs (8.8a times 12 divided by 8.8b, the number of months license valid) for all businesses owned. If we find high levels of missing values for 8.11b we may replace our primary measure with this constructed measure.

25. We will also analyze this variable as a monthly measure.

26. Haushofer and Shapiro (2016) looks at business revenue outcomes at a monthly frequency

27. Commodity prices obtained from market surveys. We use the price of the crop at the nearest market over the course of the endline survey. For any crops that are not included in our market survey, we use the median unit price for households within the same sublocation.

28. Due to time constraints at baseline, we did not collect crop-specific measures of output, and instead focused on total agricultural and pastoral output sales, which will be used as the measure of ag. and livestock revenue.

29. We will also analyze this variable as a monthly measure.

3. **Non-ag. business owned by household:** Indicator for variable 8.1.
4. **Total costs in the last 12 mo.*:** Sum of costs in agriculture and livestock, and non-ag. business (see outcomes 5 and 6 below).
5. **Total costs in agriculture and livestock in the last 12 mo.*:** Sum of wages paid to agricultural/pastoral workers outside the household (7.12) and agricultural/pastoral inputs (7.13.a-f) for all agricultural/pastoral activities plus the rental cost of land from acres rented for agricultural purposes (6.8.b) times months rented (6.8.c) times monthly rent (6.8.d, converted to monthly rate if reported in other units).
6. **Total costs in non-ag. business in the last 12 mo.*:** Sum of total wage bill last month (8.6c) plus monthly rent (8.15a) plus spending on operating costs (8.16.a-h) for all businesses owned plus government taxes, fees and bribes (8.17a-f), multiplied by 12, plus annual cost of county license (8.8a times 12 divided by number of months valid (8.8b)) if business licensed with the county government.

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (the summary measure and outcomes 1-6) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.5 Subjective well-being

Summary measure – Subjective well-being index: Weighted, standardized average of depression, happiness, life satisfaction, and perceived stress, appropriately signed so that positive values represent better subjective well-being.

1. **Depression:** Scale score calculated from variables 14.1-10.
2. **Happiness:** Variable 14.23, reverse-coded.
3. **Life satisfaction:** Variable 14.24.
4. **Perceived stress[‡]:** Scale score calculated from variables 15.7.1-4.
5. **Aspirations³⁰:** Scale score calculated from variables 4.4.5a-d, 4.4.6a-d, 4.4.7-10, and variables in sections 15.1-15.3.
6. **Self-efficacy:** Scale score calculated from variables 15.4.1-10.
7. **Internal locus of control:** Scale score calculated from variables 15.5.1-5.
8. **Hope[‡]:** Scale score calculated from variables 15.6.1-8.

30. Aspirations baseline data are unavailable for households in Alego subcounty.

5.6 Health

Summary measure – Health status index³¹: Weighted, standardized average of self-reported health, index of symptoms, and experienced a major health problem, appropriately signed so that positive values indicate better health outcomes.

1. **Self-reported level of general health**^{*}: If respondent reports health is “very good” in 11.8, coded as 5. Otherwise based on answer to 11.9, where “good” is coded as 4, “fair” is coded as 3, “poor” is coded as 2, and “very poor” is coded as 1.
2. **Index of recent symptoms**^{*‡}: Weighted, standardized average of variables 11.13 for health conditions.
3. **Days of work, school missed due to poor health in the last 4 weeks**^{*}: Variable 11.7.
4. **Experiences major health problem that affected work or life**^{*‡}: Variable 11.18.
5. **Major health problem resolved**^{*‡}: Indicator variable using 11.21 for whether any listed health problems have been resolved, conditional on having a major health problem (11.18).
6. **No. of visits to hospital or clinic in the last 4 weeks**^{*‡}: Variable 11.14.
7. **Total expenditure on medical treatments and medicine in the last 4 weeks**^{*‡}: Sum of variables 11.15.a-c.

We note that for health outcomes, greater utilization of health services in terms of the number of visits or total expenditure could occur as households are now able to afford additional health care, or due to a decline in health status. Similarly, cash transfers could allow respondents in poor health to miss work when they otherwise would have felt the need to work. Care should thus be taken in interpreting these measures, and interpretation will depend in part on our findings for other outcomes. We include these outcomes as we believe these are still important to understanding household health. Our summary index focuses on outcomes for which increases are more easily interpretable as improvements in health status.

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (outcome 7) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.7 Education

Summary measure – Education index: Weighted, standardized average of total education expenditure and proportion of school-aged children in school, appropriately signed so that higher

31. We note that the components of this index differ from Haushofer and Shapiro (2016).

values represent better education outcomes.

1. **Total education expenditure in the last 12 months:** Variable 4.4.4. We also explore calculating this as the total school-related expenditure in the 3 most recent school terms (outcome 5), summing across all children.
2. **Proportion of school-aged children in school:** Number of school-aged children (6-16) in the household roster attending school in 2016 (4.2.11), divided by total number of school-aged children on the household roster.³²
3. **Undertaken new form of education or training*:** Variable 5.1.7 for respondents.
4. **No. of days attended school in the last five days school was in session*†:** Variable 4.1.9 for household members between 6-16 years old or currently enrolled in school (set as zero for household members between 6-16 and not in school).
5. **Per child school-related expenditures in the 3 most recent school terms*†:** Sum of school/activity fees (variables 4.2.6,4.2.17,4.2.27) for the three most recent completed terms plus school-related expenses by year (4.2.7, 4.2.18, 4.2.28) and school development projects by year (4.2.9, 4.2.20, 4.2.30), assigned proportionally over the school year for completed terms on the basis of household survey date, for the last 3 completed school terms, for household members enrolled in the current school year, where analysis is conducted at the individual student level.
6. **Days of school missed due to being sent home because of school fees, most recent school term*†:** Variable 4.2.10a,4.2.21a,4.2.31a for household members enrolled in the current school year, depending on school year. Set to zero if child sent home zero times (variable 4.2.10,4.2.21,4.2.31, depending on school year).

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (outcomes 1 and 5) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.8 Female empowerment

Summary measure – Female empowerment index‡: Weighted, standardized average of violence and attitudes index, appropriately signed so that positive values reflect more female empowerment/less domestic violence.

32. We will also explore this based on the current school year, where the current school year is defined as 2016 and 2017 for households surveyed at endline in 2016 and 2017, respectively.

1. **Violence index[‡]**: Weighted standardized average of frequencies of physical, emotional, and sexual violence (outcomes 3, 5 and 7).
2. **Attitudes index[‡]**: Weighted standardized average of male-oriented attitudes and justifiability of domestic violence (outcomes 10 and 11).
3. **Spouse pushed, twisted the arm of, punched, kicked, choked, or used a weapon on the respondent in the last 6 mo.[‡]**: Indicator variable for at least one positive value of variables 18.22a-g.
4. **Frequency of physical violence in the last 6 mo.[‡]**: Sum of instances of variables 18.22a-g(B).
5. **Spouse said or did something to humiliate you in front of others, threatened to hurt or harm you or someone close to you, or insulted you or make you feel bad about yourself in the last 6 mo.[‡]**: Indicator variable for at least one positive value of variables 18.21a-c.
6. **Frequency of emotional violence in the last 6 mo.[‡]**: Sum of instances of variables 18.21a-c(B).
7. **Spouse raped or performed non-consensual sexual acts on the respondent[‡]**: Indicator variable for at least one positive value of variables 18.22h-i.
8. **Frequency of sexual violence in the last 6 mo.[‡]**: Sum of instances of variables 18.22h-i(B).
9. **Marital control[‡]**: Sum of instances of variables 18.20a-e(B).
10. **Male-oriented attitudes (respondent)[‡]**: Sum of indicators for respondent agreeing with male-oriented attitudes, variables 13.3.1-7(a), where 13.3.2 is reverse-coded.
11. **Justifiability of domestic violence (respondent)[‡]**: Sum of indicators for agreeing domestic violence justified, variables 13.3.8i-v.
12. **Male-oriented attitudes (community)[‡]**: Sum of indicators for respondent believing community agrees with male-oriented attitudes, variables 13.3.1-7(b), where 13.3.2 is reverse-coded.

5.9 Food security

Summary measure – Food security index: Weighted, standardized index of food security outcomes, appropriately signed so that higher values represent greater food security.

1. **No. of days adults in household skipped meals or cut the amount of meals in the last 7 days:** Variable 11.11a.
2. **No. of days children in household skipped meals or cut the amount of meals in the last 7 days:** Variable 11.11b.
3. **No. of days adults in household gone entire days without food in the last 7 days:** Variable 11.12a.
4. **No. of days children in household gone entire days without food in the last 7 days:** Variable 11.12b.
5. **No. of days children in household gone to bed hungry in the last 7 days:** Variable 11.10b.
6. **No. of days adults in household gone to bed hungry in the last 7 days:** Variable 11.10a.
7. **No. of meals eaten yesterday that included meat, fish, or eggs:** Sum of variable 11.2 and 11.3.

5.10 Labor supply and time use

Summary measure – Total hours worked in the last 7 days*: Sum of respondent's hours worked in agriculture (7.7), self-employment (8.4 when respondent is main decision-maker) and employment (9.8 for respondent) in the last 7 days.

1. **No. of months respondent worked in self-employment or employment the last 12 mo.***: Sum of number of months worked in self-employment enterprise (8.5) if respondent is main decision-maker (0 if respondent not self-employed) plus number of months respondent worked in employment, calculated as month of survey minus employment start date (9.3) if employment working patterns (9.7) full-time or part-time, and based on 9.7a if employment working patterns seasonal.
2. **Respondent currently self-employed or employed/working for pay***: Indicator for respondent main decision-maker for self-employed enterprise (8.3b) or respondent employed/working for pay (variable 9.2 for respondent).
3. **Respondent's total hours worked in employment or self-employment in last 7 days***: Sum of hours worked in employment (9.7 when respondent is household member in employment in 9.2) and self-employment (8.4 when respondent is main decision-maker) in the last 7 days.

4. **Proportion of working-age adult household members working in self-employment or employment^{*}**: Number of household members with an occupation in self-employment or employment (4.1.8), divided by number of adults in the household aged 18 to 65 from household roster.³³
5. **Hours household spent actively searching for jobs, applying for jobs, or in interviews in the last 7 days^{*‡}**: Variable 9.21.
6. **Respondent’s hours spent on household chores in the last 7 days**: Variable 6.14.
7. **Respondent’s hours spent performing leisurely activities in the last 24 hours^{*‡}**: Hours calculated from time use module (section 17 of the survey), where leisure activities are defined as the following codes: sleep (1), eat (2), bathe/dress (3), religious activity (4-5), rest (6), play with children (13), visit/entertain friends (14), play sports (17), spend time with spouse/partner (18).

As with our primary outcomes, we winsorize the top 1% of the hours outcomes (summary measure and outcomes 3,5,6,7) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.11 Migration and remittances

1. **Respondent lived in a different (administrative) location for more than 4 months since baseline^{*‡}**: Indicator, variable 16.1.2.
2. **Respondent moved to new (administrative) location for work-related reasons^{*‡}**: Indicator, variable 16.1.2 conditional on variable 16.1.6 reporting work-related reasons.
3. **Respondent lived in an urban area for more than 4 months since baseline^{*‡}**: Indicator, where urban areas are classified following Hamory Hicks et al. (2017), based on question 16.1.3d (lives in town/city). As a robustness check, we will also classify this based on whether respondents lived in one of the following cities: Nairobi, Mombasa, Kisumu, Eldoret, Nakuru (the five largest cities in Kenya) or Kampala (Uganda).
4. **Net change in number of household members since baseline**: Number of household members currently in household (other than respondent) (4.1) minus number of household members as of baseline date (4.2).
5. **Any baseline household member migrated to an urban area**: Indicator based on 4.3.4 being migration and on 4.3.7d being an urban area, as defined in outcome 3.

³³. We can also construct this based on responses in sections 8 and sections 9 about household members working in self-employment and employment.

6. **Net value of remittances and goods sent in the last 12 mo.^{*‡}**: Sum of variables 16.2.6a or 16.2.9 (depending on number of transfers received) net of 16.2.15a or 16.2.18 (depending on number of transfers sent) across all transfer relationships.

As with our primary outcomes, we winsorize the top 1% of the monetary outcomes (outcome 6) as our main specification. We also explore using the unadjusted outcomes and trimming the top 1% of outcomes in an appendix. If we find substantial differences between these approaches, we will investigate the reasons why.

5.12 Crime and safety

1. **No. of times victimized by theft in the last 12 mo.^{*‡}**: Sum of variables 10.1.28-30(a) (number of times).
2. **No. of times victimized by assault, arson, or witchcraft in the last 12 mo.^{*‡}**: Sum of variables 10.1.31-34 (a) (number of times).
3. **Indicator for unreported crimes in the last 12 mo.^{*‡}**: Indicator for response of “no” to any of variables 10.1.28-35(b) .
4. **Worry about crime or safety in the neighborhood^{*‡}** Indicator (variable 10.1.36) for somewhat worried or very worried about crime or safety.

5.13 Baseline covariates and dimensions of heterogeneity

1. Respondent is female
2. Respondent is 25 years or older
3. Respondent is married
4. Respondent completed primary school
5. Respondent has at least one child in the household
6. Above median value of subjective well-being index
7. Respondent operates a non-agricultural business
8. Respondent earns income from employment

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Appendix A: Endline Household Survey Instrument

- 4 = Unable to survey – parent or contact refusal (*skip to “Closing Interview Statement”*)
- 5 = Unable to survey – spouse refusal (*skip to “Closing Interview Statement”*)
- 6 = Unable to survey – in prison (*end interview*)
- 7 = Unable to survey – mental illness / disability (*skip to question 12*)
- 8 = Unable to survey – deceased (*skip to question 13*)
- 10 = Unable to survey – other

Rescheduling instructions: Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now. End the interview.

11b. Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR why: Why don't you want to participate in this survey round? **Choose up to 3 reasons.**

|__|/|__|/|__| Other: _____

- 1 = Survey is too long
- 2 = FR has caregiving duties
- 3 = FR has to work
- 4 = FR does not want to disclose personal information
- 5 = FR is suspicious of IPA
- 6 = FR hasn't received (further) assistance from IPA and doesn't want to participate because of that
- 7 = FR just doesn't want to / no reason given
- 10 = Other (specify)
Skip to “Closing Interview Statement”.

11c. Record your impressions of why the FR refuses to participate during this round and any future rounds. If you feel comfortable doing so, you may ask the FR why: Why don't you want to participate in this round or any future survey rounds?

Skip to “Closing Interview Statement”.

12. Record your impressions of the FR's disability. If you feel comfortable doing so, ask the FR or the FR's caretaker: What is his/her disability?

The following questions collect some basic information for a FR who is mentally ill or disabled. Ask these questions of the FR or the FR's caretaker.

12a. What is the highest level of education he/she attended? **Use G6 codes.** |__|

12b. What is his/her occupation? **Use G9 codes.** |__| _____

Read: Thank you very much for your time. **End interview here.**

13a. Is there another person that serves as the head of household? For instance, the spouse, or another adult in the household. (1=Yes, 2=No)

If YES, please go back and survey the other household head as a replacement respondent. Select "deceased" as the reason the target respondent is unavailable. If NO, continue.

13b. Who provided information about the respondent being deceased? **Use G4 codes**

14. When did the respondent pass away?

Month (-99=DK):

Year (9999=DK):

15. What happened to any additional household members that were living with the respondent? *Briefly describe.*

Closing Interview Statement. Read: Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the IPA office. **End interview here.**

SECTION 2. Defining the Household

1. What is your current full name?

|_____|| / |_____|| / |_____||
(First name) (Middle/Second Name) (Last Name)

1a. **Do not ask the following question. Simply record your impressions.** Does this name match the name listed in the Identity Section and used during the baseline survey? **Do not count different spellings or different orderings of the same name as different.** (1=Yes, 2=No) |__|

If YES, skip to question 2. If NO, continue, and ensure that you are interviewing the same respondent as listed on the tracking sheet.

1b. Why is your name different than the one in our records from the last time we interviewed you? **List up to 2 responses.** (1= Got married and took spouse's name; 2= Took the name of another family member (not spouse); 3= Took baptismal name; 4= Took a different / additional name (not family or baptismal name); 5= Other (specify); 6= Dropped Family Name; 7= Name previously misspelled)

|__|/|__| Other: _____

2. Do you use any other names, either in your community or for official documents?

(1=Yes, another name for government documents, 2=Yes, a common name/nickname, 3=No) |__|

2a. What other name do you go by for official documents? **Probe to get names in same order as given on official documents.**

|_____|| / |_____|| / |_____||
(Other First name) (Other Middle/Second Name) (Other Last Name)

2b. What is your common name/nickname? _____

3. **Do not ask the following question. Simply record your impressions.** What is the respondent's gender? (1=Male, 2=Female) |__|

3a. Does this agree with our baseline records? (1=Yes, 2=No) |__|

4. What is your date of birth? |__|/|__|/|__|__|__|
(DD) (MM) (YYYY)

The date of birth information is very important. Please probe the FR if they claim to not know. Every FR should be able to approximate the year of birth at least. (-99=DK day or month, 9999=DK year)

4a. **Do not ask the following question:** Is this an estimated year of birth? (1=Yes, 2=No) |__|

4b. What is your age now in years? |__| years

If age and date of birth information do not make sense together, please probe further with FR until they agree. Note in the FO Comments if you are unable to make them agree.

4c. Does this agree with the date of birth reported on the tracking sheet? (1=Yes, 2=No) |__|

If NO, please confirm the date of birth with the FR. If FR is confident that this date of birth is correct, please update the tracking sheet.

5. What is your place of birth?

5a. Country? **Use G1 codes.** Other: _____

5b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). Use G2a codes.** Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 5d.

5c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.** Other: _____

5d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.**

Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 5g.

5e. Location? **Write** _____

5f. Sub-location? **Write** _____

5g. Village / Neighborhood? **Write.** (-99=DK)

5h. Does this match the information provided on the tracking sheet? (1=Yes, 2=No)
If NO, please confirm the date of birth with the FR. If FR is confident that this date of birth is correct, please update the tracking sheet.

6. What is your clan? (-99=DK) _____

7. What is your father's name?

_____| / |_____| / |_____|
(First name) (Middle/Second Name) (Last Name)

7a. **Do not ask the following question. Simply record your impressions.** Is the name listed in question 7 the same as that listed in the Identity Section of the Tracking Sheet? **Do not count different spellings or different orderings of the same name as different.**

(1=Yes, 2=No, 3=Not listed on Tracking Sheet)

If YES or NOT LISTED ON TRACKING SHEET, skip to question 8. If NO, continue.

7b. Why is this not the same name we have in our records? **List up to 2 responses.** (1= Took the name of another family member (not spouse); 2= Took baptismal name; 3= Took a different / additional name (not family or baptismal name); 4=Dropped family name, 5=Name previously missed)

/ Other: _____

8. What is your mother's name?

_____| / |_____| / |_____|
(First name) (Middle/Second Name) (Last Name)

8a. **Do not ask the following question. Simply record your impressions.** Is the name listed in question 8 the same as that listed in the Identity Section of the Tracking Sheet? **Do not count different spellings or different orderings of the same name as different.**

(1=Yes, 2=No, 3=Not listed on Tracking Sheet)

|__|

If YES or NOT LISTED ON TRACKING SHEET, skip to question 11. If NO, continue.

8b. Why is this not the same name we have in our records? **List up to 2 responses.** (1= Got married and took spouse's name; 2= Took the name of another family member (not spouse); 3= Took baptismal name; 4= Took a different / additional name (not family or baptismal name); 5= Dropped Family Name; 6=Name previously missed)

|__|/|__| Other: _____

DO NOT ASK THE FOLLOWING QUESTIONS. Simply record your impressions.

9. Count the number of "2"s in the questions checking identity, and record that number here. |__|

If the number listed in question 9 is less than or equal to 1, continue. If the number is greater than 1, reconfirm that you have the correct focus respondent.

10. Are you suspicious that this pupil is not the same pupil that was treated in 1998? |__|

1 = Not at all suspicious 3 = Moderately Suspicious
2 = A bit suspicious 4 = Very suspicious

12a. **If 2, 3, or 4 (suspicious):** Why? _____

If VERY SUSPICIOUS, consider ending interview.

11. Where is this interview being conducted? |__|

If you are interviewing an FR who works as live-in house help or a live-in guard and you are at their place of work, please select place of work and not current residence. If you are interviewing them at their home (not the home they work in), select appropriate home.

1 = In person, at current residence (may also be biological or marital home)
2 = In person, at biological home (not current residence)
3 = In person, at marital home (not current residence)
4 = In person, at the FR's school (specify, **use E1 codes**) |_____| Other: _____
5 = In person, at the FR's work (specify name of place) _____
6 = In person, at IPA Siaya office
7 = In person, at another IPA office (specify) _____
8 = In person, elsewhere (specify) _____
10 = Over the phone

12. Is the interview being conducted with the interviewee alone (excepting IPA staff)? (1=Yes, 2=No)

|__|

If NO, politely ask to be allowed to interview the FR alone. Stress that the interview is private and confidential.

10a. **If NO:** If there are individuals in the room who will stay there for the interview, List any individuals over the age of 5 who are present for the interview: **use G4 codes.**

|__| / |__| / |__| / |__| / |__| / |__| / |__|

Other: _____ / _____ /
_____ / _____

SECTION 3. Contact Information (Place of residence)

Read: Now I would like to obtain your contact information.

Read #1: We want to know the place that you usually sleep, not necessarily your ancestral lands or family home.

1a. Country? **Use G1 codes.** Other: _____

1b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent).**

Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 1d.

1c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments. Use G2b codes.**

Other: _____

1d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** If FR resides in Siaya County and not in Siaya Township location, please select "Lives in a rural area" to collect location, sublocation and village information.

Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 1g.

1e. Location?

Other: _____

1f. Sub-location?

Other: _____

1g. Village / Neighborhood? **Write.** (-99=DK) _____

2. Where do you collect mail? **Describe location where FR collects mail, or postal address.**
(-88=N/A,-99=DK)

3. Please describe the location of the home. **Provide detailed description to home, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes ("ask for the home of...") should be included where possible.**

Ask first if FR has contact(s) with phones who would know how to locate and contact the FR. If NOT, contact(s) without phones who know how to locate and contact FR are OK. Contacts should usually not be husbands, wives or children (but other relatives will often make good contacts), since these contacts often move along with the FR. We want contacts that are likely to stay in the same place when the FR moves.

13. Do not read the following question. Simply record your impressions. Does the respondent agree to give information on a contact? (1=Yes, 2=No)
If NO, skip to Section 4. If YES, continue.

Contact #1	
14. Name of contact? _____ / _____ / _____	
(First name)	(Second/Middle Name) (Last name)
15. What is the contact's relationship to you? Use G4 codes. <input type="checkbox"/> Other: _____	
16. Does this person live with you? (1= Yes, 2= No) <input type="checkbox"/>	
If YES, skip to question 20. If NO, continue.	
Read: Please tell me where this person lives.	
17a. Country where contact lives? Use G1 codes <input type="checkbox"/> Other: _____	
17b. County? Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes. <input type="checkbox"/> Other: _____	
If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 17d.	
17c. 2010 District? If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in the FO Comments. Use G2b codes. <input type="checkbox"/> Other: _____	
17d. Town / city? Use G3a codes. Code 20=Lives in a rural area. <input type="checkbox"/> Other: _____	
If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 17g.	
17e. Location? Use G3b codes. <input type="checkbox"/> Other: _____	
17f. Sub-location? Use G3c codes. <input type="checkbox"/> Other: _____	
17g. Village / Neighborhood? Write. (-99=DK) _____	
18. What is the contact's Postal Address? Write. (88=None,-99=DK) _____	
19. Please describe the location of the home: Provide detailed description to this place, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes ("ask for the home of...") should be included where possible. (-99=DK)	

Read: Now let's discuss a second contact. Again, please tell us the name of a friend or family member who is sure to know where you are, and how to contact you, if you were to move away. This should be someone that would stay in their current residence if you moved away. **Unless FR insists, it is best if Contact 2 does not share contact information (address, location, phone number, etc) with Contact 1.**

Ask first if FR has a contact with a phone who would know how to locate and contact the FR. If NOT, a contact without a phone who knows how to locate and contact FR is OK. Contacts should usually not be husbands, wives or children (but other relatives will often make good contacts), since these contacts often move along with the FR. We want contacts that are likely to stay in the same place when the FR moves.

28. **Do not read the following question. Simply record your impressions.** Does the respondent agree to give information on a second contact? (1=Yes, 2=No)
If NO, skip to Section 4. If YES, continue.

29. Name of contact? / /
(Family name) (Name 1) (Name 2)

30. What is this person's relationship to you? **Use G4 codes.** Other: _____

31. Does this person live with you or the first contact? (1=Yes, 2=No)
If YES, skip to question 35. If NO, continue.

Read: Please tell me where this person lives.

32a. Country? **Use G1 codes.** Other: _____

32b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 32d.

32c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.** Other: _____

32d. Which town / city? **Use G3a codes. Code 20=Lives in a rural area.** Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 32g.

32e. Location? **Use G3b codes.**
Other: _____

32f. Sub-location? **Use G3c codes.**
Other: _____

32g. Village / Neighborhood? **Write.** (-99=DK) _____

33. What is this contact's Postal Address? **Write.** (88=None, -99=DK) _____

34. Please describe the location of the home: **Provide detailed description to this place, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that**

school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes (“ask for the home of...”) should be included where possible. (-99=DK)

35. Is there a phone number where I can reach this contact, even if he / she does not have his / her own phone? (1=Yes, 2=No / Do not know a number)

If YES, continue. If NO, probe the FR for one again. If the FR insists that there is no way to reach the contact by phone (or they do not know any numbers), skip to Section 4.

35a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

35b. Whose phone is this? **Write name.** _____

35c. What is this person's relationship to the contact? **Use G4 codes.**
 Other: _____

36. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a second phone number. If YES, continue. If NO, skip to Section 4.

36a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

36b. Whose phone is this? **Write name.** _____

36c. What is this person's relationship to the contact? **Use G4 codes.**
 Other: _____

37. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a third phone number. If YES, continue. If NO, skip to Section 4.

37a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

37b. Whose phone is this? **Write name.** _____

37c. What is this person's relationship to the contact? **Use G4 codes.**
 Other: _____

SECTION 4. Household Roster

Read: Now I would like to find out about all of the individuals in your household. By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home. By the individuals in your household, I mean those who “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home. **Note separate instructions in upcoming questions for FRs who are live-in house help or live-in guards.**

1. How many people in total (other than yourself) are in your household, “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home? **If the FR is live-in house help or a live-in guard and has a spouse or adult dependent(s) staying with them at the employer’s house, only include these spouse/dependent(s) on the household roster (do not count their employer or the employer’s family as part of the FR’s household).**

2. How many people (not including yourself) lived in your household and eat from the same pot as of \${BL_date}? Note: For respondents surveyed at baseline, this is the date when we visited the household.

- 2a. **Do not ask the following question:** Does this number match the number of household members from the baseline survey on the tracking sheet? (1=Yes, 2=No)

- 2b. **If NO:** When we last visited your household in [baseline survey month], we were told that this household had [baseline survey household members]. This is different from [Q1 household numbers]. Please tell us why the numbers are different:

Please record the names of each household member on the unique roster sheet, beginning by listing the FR on the line designated for the FR, then the other individuals in the household, starting with the eldest. When the FR has listed all individuals and the table has been completed, read the full list of names through, and prompt for any other people living in the household that may have been missed. For all household members other than the FR, proceed across each row and then down, collecting information on each person.

Section 4.1. Household Roster

	2a. Was [name] living in this household at [baseline date]? (1=Yes, 2=No) If YES, skip to question 3. If NO, go to question 2ab.	2ab. Why did this person join this household? <i>Use G5 codes</i>	2c. Where was this person living at [BL_date]?							
			2ca. Country? <i>Use G1 codes</i>	2cb. County? <i>Use G2a codes</i>	2cc. 2010 district? <i>Use G2b codes (specify if other)</i>	2cd. Town / City? <i>Use G3a codes (specify if other)</i>	2ce. Subcounty: <i>Use subcounty codes (specify if other)</i>	2ce. Location: <i>Use location codes (specify if other)</i>	2cf. Sub-location: <i>Use sublocation codes (specify if other)</i>	2cg. Village / Neighborhood? <i>Use village codes (specify if other)</i>
A1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	2a. Was [name] living in this household at [baseline date]? (1=Yes, 2=No) If YES, skip to question 3. If NO, go to question 2ab.	2ab. Why did this person join this household? <i>Use G5 codes</i>	2c. Where was this person living at [BL_date]?							
			2ca. Country? <i>Use G1 codes</i>	2cb. County? <i>Use G2a codes</i>	2cc. 2010 district? <i>Use G2b codes (specify if other)</i>	2cd. Town / City? <i>Use G3a codes (specify if other)</i>	2ce. Subcounty: <i>Use subcounty codes (specify if other)</i>	2ce. Location: <i>Use location codes (specify if other)</i>	2cf. Sub-location: <i>Use sublocation codes (specify if other)</i>	2cg. Village / Neighborhood? <i>Use village codes (specify if other)</i>
A11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	3. Did this person sleep here last night? (1=Yes, 2=No) If NO, probe: “Does this person usually stay here for 4 or more days a week, and eat from the same pot?” If NO, delete person from table.	4. Gender? (1=Male, 2=Female)	5. Age in years? Prompt FR to estimate if unsure. (99=DK)	5a. Is this an estimated age? (1=Yes, 2=No)	6. Relationship to respondent? Use G4 codes. For example, if individual is FR’s father, select code for “father”.	7. Highest level of education completed? Use G6 codes. (-99=DK) For those still in school, this is <u>not</u> current year. Prompt to estimate if unsure.	8. Occupation(s)? Use G9 codes. (-99=DK) Babies are likely code “60”. Kids in ECD are “50”. If “50”, continue. ELSE, skip to next row.	9. Of the last five days school was IN SESSION, how many days did this person attend? (-99=DK) If age > 3 or <= 25, or occupation “50”, continue to schooling roster. ELSE skip to next row.
A1								
A2								
A3								
A4								
A5								
A6								
A7								
A8								
A9								
A10								
A11								
A12								
A13								
A14								
A15								

Section 4.2: Schooling Roster

FO: Fill down for each household member with age > 3 or <= 25, or occupation "50".

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
0. Household roster number of child:	88=Not present on roster	<input type="text"/>				
1. Was the child attending school during the 2015 school year? If YES, continue. If NO, skip to question 11.	(1=Yes, 2=No)	<input type="text"/>				
2. What type of school did this child attend during the 2015 school year? If child attending primary, continue. If secondary, skip to 4. Otherwise skip to question 5.	1=Primary 2=Secondary 3=College 4=University 5=Vocational 6=Other	<input type="text"/> Other: _____				
3. What primary school was this child attending during 2015 school year?	E1 codes	<input type="text"/> Other: _____				
4. What secondary school was this child attending during the 2015 school year?		_____	_____	_____	_____	_____
5. What standard/form was this child in the 2015 school year?	G6 codes	<input type="text"/> Other: _____				
6. How much did you pay in school/activity fees for this child in the 2015 school year? Note: do not include contributions here; these will be captured later. Probe to ensure the FR is not including contributions.	-99=DK For currency, use G12 codes.	i. Term 1 Amount: ____ ii. Term 2 Amount: ____ iii. Term 3 Amount: ____ iv. Semester 1: ____	i. Term 1 Amount: ____ ii. Term 2 Amount: ____ iii. Term 3 Amount: ____ iv. Semester 1: ____	i. Term 1 Amount: ____ ii. Term 2 Amount: ____ iii. Term 3 Amount: ____ iv. Semester 1: ____	i. Term 1 Amount: ____ ii. Term 2 Amount: ____ iii. Term 3 Amount: ____ iv. Semester 1: ____	i. Term 1 Amount: ____ ii. Term 2 Amount: ____ iii. Term 3 Amount: ____ iv. Semester 1: ____

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
		v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other:	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other:	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other:	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other:	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other:
7. How much have you spent on other school-related supplies for this child in the 2015 school year? Probe for the amount spent on textbooks, uniforms, notebooks, etc.	-99=DK For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
8. Were there any school development projects at this school in the 2015 school year?	(1=Yes, 2=No)	_	_	_	_	_
9. How much did you pay in contributions (for school projects or for school funds) for this child in the 2015 school year? Note: if more than one child attending the same school, ensure that any parent-specific (rather than child-specific) contributions are included only once, for the eldest child.	-99=DK For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
10. In the last term of 2015, how many times was this child sent home because of school fees?		_	_	_	_	_
10a. In the last term of 2015, how many days in total of school did this child miss after being sent home for not paying school fees?		_ _	_ _	_ _	_ _	_ _

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
11. Was the child attending school during the 2016 school year?	(1=Yes, 2=No)	<input type="checkbox"/>				
12. Was the child attending the same school as in the 2015 school year? If YES, skip to question 16. If NO, continue.	(1=Yes, 2=No)	<input type="checkbox"/>				
13. What type of school did this child attend during the 2016 school year? If child attending primary, continue. If secondary, skip to 15. Otherwise skip to question 16.	1=Primary 2=Secondary 3=College 4=University 5=Vocational 6=Other	<input type="checkbox"/> Other: _____				
14. What primary school was this child attending during 2016 school year?	E1 codes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____
15. What secondary school was this child attending during the 2016 school year?		_____	_____	_____	_____	_____
16. What standard/form was this child in the 2016 school year?	G6 codes	<input type="checkbox"/> Other: _____				
17. How much did you pay in school/activity fees for this child in the 2016 school year? Note: do not include contributions here; these will be captured later. Probe to ensure the FR is not including contributions.	-99=DK For currency, use G12 codes.	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Semester 1: <input type="text"/>	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Semester 1: <input type="text"/>	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Semester 1: <input type="text"/>	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Semester 1: <input type="text"/>	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Semester 1: <input type="text"/>

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
		v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other: _____	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other: _____	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other: _____	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other: _____	v. Semester 2: _ _ Currency if NOT Ksh: _ _ Other: _____
18. How much have you spent on other school-related supplies for this child in the 2016 school year? Probe for the amount spent on textbooks, uniforms, notebooks, etc.	-99=DK For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
19. Were there any school development projects at this school in the 2016 school year?	(1=Yes, 2=No)	_	_	_	_	_
20. How much did you pay in contributions (for school projects or for school funds) for this child in the 2016 school year?	-99=DK For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
21. In the [most recent term] of 2016, how many times was this child sent home because of school fees?		_	_	_	_	_
21a. In the [most recent term] of 2016, how many days in total of school did this child miss after being sent home for not paying school fees? If survey date in 2017, continue. Else skip to next household member/student.		_	_	_	_	_

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
22. Was the child attending school during the 2017 school year?	(1=Yes, 2=No)	<input type="checkbox"/>				
23. What type of school did this child attend during the 2017 school year? If child attending primary, continue. If secondary, skip to 25. Otherwise skip to question 26.	1=Primary 2=Secondary 3=College 4=University 5=Vocational 6=Other	<input type="checkbox"/> Other: _____				
24. What primary school was this child attending during 2017 school year?	E1 codes	<input type="text"/> Other: _____				
25. What secondary school was this child attending during the 2017 school year?		<input type="text"/>				
26. What standard/form was this child in the 2017 school year?	G6 codes	<input type="text"/> Other: _____				
27. How much did you pay in school/activity fees for this child in the 2017 school year? Note: do not include contributions here; these will be captured later. Probe to ensure the FR is not including contributions.	-99=DK For currency, use G12 codes.	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iv. Semester 1: <input type="text"/> v. Semester 2: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iv. Semester 1: <input type="text"/> v. Semester 2: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iv. Semester 1: <input type="text"/> v. Semester 2: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iv. Semester 1: <input type="text"/> v. Semester 2: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iv. Semester 1: <input type="text"/> v. Semester 2: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____
28. How much have you spent on	-99=DK	Amount: <input type="text"/>				

Questions	Codes	A: Student #1	B: Student #2	C: Student #3	D: Student #4	E: Student #5
other school-related supplies for this child in the 2017 school year? Probe for the amount spent on textbooks, uniforms, notebooks, etc.	For currency, use G12 codes.	Currency if NOT Ksh: _ _ Other: _____	Currency if NOT Ksh: _ _ Other: _____	Currency if NOT Ksh: _ _ Other: _____	Currency if NOT Ksh: _ _ Other: _____	Currency if NOT Ksh: _ _ Other: _____
29. Were there any school development projects at this school in the 2017 school year?	(1=Yes, 2=No)	_	_	_	_	_
30. How much did you pay in contributions (for school projects or for school funds) for this child in the 2017 school year?	-99=DK For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
31. In the [most recent term] of 2017, how many times was this child sent home because of school fees?		_	_	_	_	_
31a. In the [most recent term] of 2017, how many days in total of school did this child miss after being sent home for not paying school fees?		_	_	_	_	_

Confirm that the number of rows completed in the household roster table matches the number of persons entered in question 1 before continuing to the next question. Confirm that the number of students matches the number of students listed on the household roster, plus any additional students noted as part of later sections.

Section 4.3: Roster Migrations

FO Instructions:

DO NOT READ: In question 2, the respondent reported [4.2 RESPONSE] household members at [BASELINE DATE]. Based on answers to question 2a in the repeat group, [TOTAL OF 4.1.2A] were household members in [BASELINE DATE].

IF 4.2 RESPONSE < TOTAL OF 4.1.2A: The FR reported fewer household members as part of this household in question 2 than in the repeat group question 2a. Please go back and reconcile this difference.

IF 4.2 RESPONSE > TOTAL OF 4.1.2A: The FR reported more household members in the household in question 2 than in the repeat group question 2a. This means that for the next question, there should be additional individuals that were members of the household in [BASELINE DATE]. If not, please go back and reconcile the differences.

0a. Are there any individuals that were members of your household in [BASELINE DATE], but are now no longer members of your household? (1=Yes, 2=No)

0b. How many individuals were members of your household in [BASELINE DATE], but are now no longer members of your household?

	1. Name?	2. Gender? (1=Male, 2=Female)	3. Age in years? (-99=DK)	4. Why is this person no longer a part of the household? (1=Migrated/ Moved away, 2=Deceased, 3=Did not live here at baseline) If "1", continue.	5. When did this person migrate? (MM/YYYY) (01/1900 = DK)	6. Why did this person migrate? <i>Use G5 codes</i>
C1	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/> / <input type="text"/>	<input type="checkbox"/>
C2	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/> / <input type="text"/>	<input type="checkbox"/>
C3	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/> / <input type="text"/>	<input type="checkbox"/>
C4	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/> / <input type="text"/>	<input type="checkbox"/>
C5	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/> / <input type="text"/>	<input type="checkbox"/>

7. Where did this person migrate to?								
	7a. Country? <i>Use G1 codes</i>	7b. County? <i>Use G2a codes</i>	7c. 2010 district? : <i>Use G2b codes (specify if other)</i>	7d. Town / City? <i>Use G3a codes (specify if other)</i>	7e. Subcounty: <i>Use subcounty codes (specify if other)</i>	7e. Location: <i>Use location codes (specify if other)</i>	7f. Sub-location: <i>Use sublocation codes (specify if other)</i>	7g. Village / Neighborhood? <i>Use village codes (specify if other)</i>
C1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

FO Note: In question 2, the FR reported the number of household members present at baseline as: [4.1 RESPONSE]
 In questions 2a and the roster migrations, the FR reported the number of household members present at baseline as: [TOTAL 4.1.2A] + [4.3.0B]

"Do not ask the following question. Simply record your impressions.

8. Do these numbers agree?"

If YES, continue. If NO, please go back and reconcile the differences on the household roster

Section 4.4: Additional Questions about Children and Educational Aspirations

1. Who is your oldest living biological girl-child among your biological children, even those who do not live with you? *Enter roster number. Enter -77 if not on roster. Enter -98 if no eldest girl child.*

|_____|

If -77, continue. Else, skip to question 2.

1aa. Name of oldest living biological girl-child: |_____||

1a. Did **[name]** sleep here last night? (1=Yes, 2=No) |_____|

1b. Gender: (1=Male, 2=Female) |_____|

1c. Age in years: (-99=DK) |_____|

1d. Is this an estimated age? (1=Yes, 2=No) |_____|

1e. Did **[name]** participate in the previous (7-4-2-3) or the current (8-4-4) school system?

1f. Highest level of education completed? (-99=DK) **Use G6 codes**

1g. Occupation(s)? (-99=DK) **Use G9 codes**

Other: _____

1h. Of the last five days school was IN SESSION, how many days did child attend? |_____|

If the oldest living biological girl-child is a student and is not on the schooling roster, fill in an entry on the schooling roster for the oldest living biological girl child. Then return to question 2.

2. Who is your oldest living biological boy-child among your biological children, even those who do not live with you? |_____|

If -77, continue. Else, skip to question 3.

2aa. Name of oldest living biological boy-child: |_____||

2a. Did **[name]** sleep here last night? (1=Yes, 2=No) |_____|

2b. Gender: (1=Male, 2=Female) |_____|

2c. Age in years: (-99=DK) |_____|

2d. Is this an estimated age? (1=Yes, 2=No) |_____|

2e. Did **[name]** participate in the previous (7-4-2-3) or the current (8-4-4) school system?

2f. Highest level of education completed? (-99=DK) **Use G6 codes**

2g. Occupation(s)? (-99=DK) **Use G9 codes**

Other: _____

2h. Of the last five days school was IN SESSION, how many days did child attend?

|_____|

If the oldest living biological boy-child is a student and is not on the schooling roster, fill in an entry on the schooling roster for the oldest living biological boy child. Then return to question 3.

3. Do you have any of your own children that we have not talked about yet? (1=Yes, 2= No)
If YES, continue. If NO, skip to question 4.

3a. How many of your own children do you have that we have not talked about yet?

3b. How many of these children that we have not talked about yet attended school during the 2015 or 2016 school year?

Read: I'd now like to ask you about each of your children that we have not yet talked about that attended school during the school years beginning in January 2015 or January 2016.

Read: I'd like to ask you about your (next) oldest child.

	A: Child #1	B: Child #2	C: Child #3	D: Child #4	E: Child #5
3c. What is the child's name?	<input type="text"/>				
3d. What is the child's age?	<input type="text"/>				

Please fill in a school roster entry for each of additional child.

4. How much has your household spent in total on school/college fees, uniforms, books, or other supplies in the last 12 months? (KSH)

Educational Aspirations

5. Is your oldest biological girl child 25 or younger? (1=Yes, 2=No)
If YES continue. If NO, skip to question 6.

FO: Use the household roster and questions above to fill in the following. Ask the respondent to confirm the following information from Section 4:

Respondent's oldest living daughter is [name], who is [age] and has completed [years of education]

Tell the respondent you would like to ask some questions about this child.

5a. What is the level of education that you would like her to achieve? **Use G6 codes**

5b. Is your oldest girl child currently working and earning money? (1=Yes, 2=No)
If YES, continue. If NO, skip to question 5d.

5c. What job or occupation does she currently have? **Use occupation codes**

5d. What type of job or occupation would you like her to have when she is 30 years old?
 Use occupation codes

6. Is your oldest biological boy child 25 or younger? (1=Yes, 2=No) |
If YES continue. If NO, skip to question 7.

Ask the respondent to confirm the following information from Section 4:

Respondents's oldest living son is ___[name]___, who is ___[age]___ and has completed ___[years of education]___

Tell the respondent you would like to ask some questions about this child.

6a. What is the level of education that you would like him to achieve? | **Use G6 codes**

6b. Is your oldest boy child currently working and earning money? (1=Yes, 2=No) |
If YES, continue. If NO, skip to question 5d.

6c. What job or occupation does he currently have? | **Use occupation codes**

6d. What type of job or occupation would you like him to have when he is 30 years old?
 | **Use occupation codes**

Read: Imagine, in the future, that you had a girl child.

7. What is the level of education that you would like this girl child to achieve? | **Use G6 codes**

8. What type of job or occupation would you like her to have when she is 30 years old? |
Use occupation codes

Read: Imagine, in the future, that you had a boy child.

9. What is the level of education that you would like this boy child to achieve? | **Use G6 codes**

10. What type of job or occupation would you like him to have when he is 30 years old? |
Use occupation codes

SECTION 5.1 Family Background

Read: Now I would like to ask you a few questions about yourself.

1. Did you participate in the previous (7-4-2-3) or the current (8-4-4) school system? (1=Current, 2=No schooling, 3=Previous)

If no schooling, skip to question 7.

- 1a. What was the highest level of primary or secondary schooling completed? **Use G6 codes.**

If respondent not surveyed at baseline, continue. Else, skip to question 2.

If completed secondary school, continue. If completed primary school but not secondary school, skip to question 1c. If did not complete primary or secondary school, skip to question 2.

1b. What was your most recent secondary completion exam grade (i.e. KCSE, CSE)?	-99=DK -88=didn't take exam -77=results not out	i. Score <input type="checkbox"/> Use E3 codes ii. Year of Exam <input type="checkbox"/>
1c. Did you take a primary school completion exam?	(1=Yes, 2=No)	<input type="checkbox"/>
1d. Which one?		<input type="checkbox"/>
1e. What was your most recent primary school completion exam score (i.e. KCPE, CPE)?	-99=DK -88= didn't take exam -77=results not out	Score: (A) <input type="checkbox"/> out of (B) <input type="checkbox"/> total

2. Did you attend any of the following prior to [BL_date]? *Select all that apply, or select "none"*
- College
 - University
 - Vocational training school
 - Bible school
 - Other education
 - None

If None selected, skip to question 7. Otherwise continue.

Fill in this table for any PRIMARY/SECONDARY, COLLEGE, UNIVERSITY, VOCATIONAL TRAINING SCHOOL, BIBLE SCHOOL, or OTHER were attended. Leave all other rows blank. If more than one course in a category, complete separate entry for each.

	<p>Skip to q.5 If primary/secondary or bible school.</p> <p>3a. How many courses of study/disciplines did/do you study?</p>	<p>3b. In what course(s)/discipline(s) was this training?</p> <p>Use E7 codes. If other, describe in FO comments.</p>	<p>4. For how long did you attend this education/training since [date of last survey]?</p> <p>For completed courses, include full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>Units: 1=Day 2=Week 3=Month 4=Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>5. Did you obtain a diploma, degree, or certificate from this training?</p> <p>Consider entire course, even if it lasted more than 1 yr.</p> <p>1=Yes, 2=No 3=Currently enrolled If NO, skip to next discipline or year. If YES, continue.</p> <p>Note: Count a driver's license as certificate.</p>	<p>6. What type of diploma, degree or certificate was it?</p> <p>Probe for examination body if it is not institutional</p>
(A) College		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>	Num: ____ Unit: ____	<input type="text"/>	<input type="text"/>
(B) Bible school		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>	Num: ____ Unit: ____	<input type="text"/>	<input type="text"/>
(C) Voc-Ed		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>	Num: ____ Unit: ____	<input type="text"/>	<input type="text"/>

	<p>Skip to q.5 If primary/secondary or bible school.</p> <p>3a. How many courses of study/disciplines did/do you study?</p>	<p>3b. In what course(s)/discipline(s) was this training?</p> <p>Use E7 codes. If other, describe in FO comments.</p>	<p>4. For how long did you attend this education/training since [date of last survey]?</p> <p>For completed courses, include full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>Units: 1=Day 2=Week 3=Month 4=Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>5. Did you obtain a diploma, degree, or certificate from this training? Consider entire course, even if it lasted more than 1 yr.</p> <p>1=Yes, 2=No 3=Currently enrolled If NO, skip to next discipline or year. If YES, continue.</p> <p>Note: Count a driver's license as certificate.</p>	<p>6. What type of diploma, degree or certificate was it?</p> <p>Probe for examination body if it is not institutional</p>
(D) University		i. <input type="checkbox"/> ii. <input type="checkbox"/> iii. <input type="checkbox"/>	Num: ____ Unit: ____	<input type="checkbox"/>	<input type="checkbox"/>
(E) Other Education		i. <input type="checkbox"/> ii. <input type="checkbox"/> iii. <input type="checkbox"/>	Num: ____ Unit: ____	<input type="checkbox"/>	<input type="checkbox"/>

7. Since we last surveyed you in [month of last survey], have you undertaken any new form of education or training? (1=Yes, 2=No)
If YES, continue. If NO, skip to question 12.

	<p>Skip to q.5 If primary/secondary or bible school.</p> <p>8a. How many courses of study/disciplines did/do you study?</p>	<p>8b. In what course(s)/discipline(s) was this training?</p> <p>Use E7 codes. If other, describe in FO comments.</p>	<p>9. For how long did you attend this education/training since [date of last survey]?</p> <p>For completed courses, include full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>Units: 1=Day 2=Week 3=Month 4=Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>10. Did you obtain a diploma, degree, or certificate from this training? Consider entire course, even if it lasted more than 1 yr.</p> <p>1=Yes, 2=No 3=Currently enrolled If NO, skip to next discipline or year. If YES, continue.</p> <p>Note: Count a driver's license as certificate.</p>	<p>11. What type of diploma, degree or certificate was it?</p> <p>Probe for examination body if it is not institutional</p>
(A) College		i. <input type="checkbox"/> ii. <input type="checkbox"/> iii. <input type="checkbox"/>	Num: ____ Unit: ____	<input type="checkbox"/>	<input type="checkbox"/>
(B) Bible school		i. <input type="checkbox"/> ii. <input type="checkbox"/> iii. <input type="checkbox"/>	Num: ____ Unit: ____	<input type="checkbox"/>	<input type="checkbox"/>
(C) Voc-Ed		i. <input type="checkbox"/> ii. <input type="checkbox"/> iii. <input type="checkbox"/>	Num: ____ Unit: ____	<input type="checkbox"/>	<input type="checkbox"/>

	<p>Skip to q.5 If primary/secondary or bible school.</p> <p>8a. How many courses of study/disciplines did/do you study?</p>	<p>8b. In what course(s)/discipline(s) was this training?</p> <p>Use E7 codes. If other, describe in FO comments.</p>	<p>9. For how long did you attend this education/training since [date of last survey]?</p> <p>For completed courses, include full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>Units: 1=Day 2=Week 3=Month 4=Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>10. Did you obtain a diploma, degree, or certificate from this training? Consider entire course, even if it lasted more than 1 yr.</p> <p>1=Yes, 2=No 3=Currently enrolled If NO, skip to next discipline or year. If YES, continue.</p> <p>Note: Count a driver's license as certificate.</p>	<p>11. What type of diploma, degree or certificate was it?</p> <p>Probe for examination body if it is not institutional</p>
(D) University		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>	Num: ____ Unit: ____	<input type="text"/>	<input type="text"/>
(E) Other Education		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>	Num: ____ Unit: ____	<input type="text"/>	<input type="text"/>

12. What is your marital status? (1=Single, 2=Not married but co-habiting, 3=Married, living with spouse, 4=Married, not living with spouse, 5=Married (polygamous) and living with spouse(s), 6=Married (polygamous) and not living with spouse(s), 7=Divorced, 8=Separated, 9=Widowed)

If answer to question 12 is 5 or 6:

12a. How many wives/co-wives do you have? _____

Section 5.2: Parents' Background

1. **Do not ask the following question. Simply record your impressions.** Is the FR's biological father included on the household roster in Section 4 of this survey? (1=Yes, 2=No) _____

If YES, skip to question 4. If NO, continue.

Read: I'd like to find out a bit more about your parents.

2. Did your father participate in the previous (7-4-2-3) or the current (8-4-4) school system? (1=current, 2=no schooling, 3=previous, -99=DK) _____

3. What was the highest level of education completed by your father? **Use G6 codes.** _____

4. What is / was the tribe (or mother tongue) of your father? **Use G10 codes.**

_____ Other: _____

5. **Do not ask the following question. Simply record your impressions.** Is the FR's biological mother included on the household roster in Section 4 of this survey? (1=Yes, 2=No) _____

If YES, skip to question 9. If NO, continue.

6. Did your mother participate in the previous (7-4-2-3) or the current (8-4-4) school system? (1=current, 2=no schooling, 3=previous, -99=DK) _____

7. What was the highest level of education completed by your mother? **Use G6 codes.** _____

8. What is / was the tribe (or mother tongue) of your mother? **FR should give the mother's original tribe, not simply the tribe of their father. Use G10 codes.** _____ Other: _____

FO: If respondent married/co-habiting with partner, continue. Else skip to section 6.

Read: Now I'd like to ask you some questions about your spouse/partner's family and contact information.

9. What is your spouse/partner's mother's name?

_____/_____/_____
(Family name) (Name 1) (Name 2)

9a. Common name: _____

10. What is your spouse/partner's father's name?

_____/_____/_____
(Family name) (Name 1) (Name 2)

10a. Common name: _____

11. **Do not read:** Was the spouse's mother or father captured as one of the contacts in section 3?
(1=Yes, 2=No)

If NO, continue. If YES, skip to section 6.

11a. Does your spouse/partner's mother or father live with you?

11b. Does your spouse/partner's mother or father live in \${village_name}?

If NO, continue. If YES, skip to question 35.

Note: there are no questions 12-31.

Read: Please tell me where your spouse/partner's parents live.

32a. Country? **Use G1 codes.** Other: _____

32b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 32d.

32c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.**

Other: _____

32d. Which town / city? **Use G3a codes. Code 20=Lives in a rural area.**

Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 32g.

32e. Location? **Use G3b codes.**

Other: _____

32f. Sub-location? **Use G3c codes.**

Other: _____

32g. Village / Neighborhood? **Write.** (-99=DK)

34. What is the name of your spouse's parent's homestead?

35. Is there a phone number where I can reach your spouse's parents, even if he / she does not have his / her own phone? (1=Yes, 2=No / Do not know a number)

If YES, continue. If NO, probe the FR for one again. If the FR insists that there is no way to reach the contact by phone (or they do not know any numbers), skip to Section 4.

35a. Please give me that number.

Number: _0_

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

35b. Whose phone is this? **Write name.** _____

35c. What is this person's relationship to your spouse/partner's parents? **Use G4 codes.**

Other: _____

4. What was your main water source in the last 7 days? (1=Pipe, 2=Well (gather), 3=Protected spring, 4=Unprotected spring, 5=Collected rainwater, 6=Lake, 7=River, 8=Borehole well, 9=Other) |___| Other: _____

5. Does your household own or rent the house / apartment where you live? (1=Own, 2=Rent, 3=Company housing, 4=Government Housing, 5=Other (specify)) |___| _____
If OWN, continue. If RENT, skip to question 5b. OTHERWISE, skip to question 7.

5a. If you wanted to build a house like yours in this village, how much would it cost (both for materials and for labor)? |_____| (KSh)

Skip to question 6.

5b. How much in shillings does your household pay for rent each month for this house / apartment? Amount (-99=DK): |_____|
Currency if NOT Kenyan shillings (use G12 codes): |___| Other: _____

5c. Does the house / apartment rest on land (greater than 0.25 acres) that you use for agricultural purposes? (1=Yes, 2=No) |___|

If NO, skip to question 13. If YES, continue.

5d. How much of this land was used for agricultural purposes (in acres)? (-99=DK) **Do not include land in this count that was rented exclusively for agricultural purposes, only that which was included with the rental house / apartment.**

1 Hectare ≈ 2.5 Acres |_____| Acres

6. How much land does your household own (in acres)? **1 Hectare ≈ 2.5 Acres** (-99=DK) |_____| Acres
If ZERO, skip to question 8. If DK, skip to question 7. OTHERWISE, continue.

6a. How much does it cost to buy an acre of land in this village? (-99=DK) **Prompt for land of similar quality to the land the FR owns. Take the most recent cost of land in the area.** (-99=DK) |_____| (KSh)

6b. How much of the land you own is used for agricultural purposes (in acres)? (-99=DK)
1 Hectare ≈ 2.5 Acres |_____| Acres

7. In the last 12 months, did you rent any of the land owned by your household to people outside of your household? (1=Yes, 2=No) |___|
If NO, skip to question 8. If YES, continue.

7a. How much of this land did you rent to people outside of your household (in acres)?
1 Hectare ≈ 2.5 Acres (-99=DK) |_____| Acres

7b. For how many months of the last 12 did you rent out this land? |___| months

7c. For how much do you rent out this land? **If paid in kind, ask FR to estimate value of payment in shillings.**

i. Amount (-99=DK): |_____|

ii. Currency if NOT Kenyan shillings (use G12 codes): |___| Other: _____

iii. Unit (1=Year, 2=Season, 3=Month) |___|

iv. **If unit = 2:** For how many months was the season that you rented the land?

(months) |____|

8. In the last 12 months, has your household rented land from others? ***If the household rents an apartment / house, but no other land, answer "NO".*** (1=Yes, 2=No) |____|
If NO, skip to question 9. If YES, continue.

8a. How much land has your household rented from others in the last 12 months (in acres)?
 (9999=DK) ***1 Hectare ≈ 2.5 Acres*** |_____| Acres
If DK, skip to question 8c. OTHERWISE, continue.

8b. How much of this land was used for agricultural purposes (in acres)? (-99=DK)
1 Hectare ≈ 2.5 Acres |_____| Acres

8c. For how many months did you rent this land in the last 12 months? |____| months

8d. For how much did you rent this land? ***If paid in kind, ask FR to estimate value of payment in shillings.*** Amount (-99=DK): |_____|

i. Currency if NOT Kenyan shillings (use G12 codes): |____| Other: _____

ii. Unit (1=Year, 2=Season, 3=Month) |____|

iii. ***If unit = 2:*** For how many months was the season that you rented the land?
 (months) |____|

Read: Now I'd like to ask you some questions about places around you.

9. In the last month, from how many weekly market centers have you purchased goods? |____|
 In the last month, from what weekly market centers have you purchased goods? ***Use M1 codes***

FO Note: if the FR attended his/her nearest market, please enter this market first.

Market Center <i>Use M1 codes</i>	9a. How long does it take you to travel (one-way) to this market center?	9b. How many times did you visit this market center in the last month?	9c. How much did you spend (KSH) in total in this market center in the last month?
____ Other (specify): _____	____ minutes ____ mode of transportation <i>Use M2 codes</i>	____	____
____ Other (specify): _____	____ minutes ____ mode of transportation <i>Use M2 codes</i>	____	____
____ Other (specify): _____	____ minutes ____ mode of transportation <i>Use M2 codes</i>	____	____
____ Other (specify): _____	____ minutes ____ mode of transportation <i>Use M2 codes</i>	____	____

<input type="text"/> Other (specify): _____	<input type="text"/> minutes <input type="text"/> mode of transportation Use M2 codes	<input type="text"/>	<input type="text"/>
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For the following table, ask questions going across, filling in each shop type with the category in the left-most column (SHOP)

	10. Have you purchased any goods or services from a [SHOP] in the last month? (1=Yes, 2=No)	10a. If YES: How many times have you visited a [SHOP] in the last month?	11. Now I'd like you to think of the [SHOP] that your household visits most often. How many minutes does it take you (one-way) to get to this shop? (88=Never visited)	11a. By what mode of transportation? Use M2 codes
(A) M-PESA shop	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____
(B) Posho mill	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____
(C) Barber shop/Kinyozi	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____
(D) Beauty shop/Salon	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____
(E) Tailor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____
(F) Butcher	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: _____

Read: Now I'd like to ask you about some of the things your household owns. I would like to remind you that all answers you give will be kept as confidential as possible, we're independent Organization and information won't have any effect on other programs.

13. How many of the following items does your household own?

NOTE: It is very important that these values be entered accurately, and that we consistently use codes -99 for "don't know" and -88 for refusal to answer. We use the values from these questions for the aspirations section and need to properly calculate total assets during the survey.

ITEM	QTY OWN (-99=DK)	Total Value (KSH)	ITEM	QTY OWN (-99=DK)	Total Value (KSH)
(A) Bicycle	__	__	(R) Computer/tablet	__	__
(B) Motorcycle / scooter	__	__	(S) Mobile phone	__	__
(C) Car / truck	__	__	(T) Car battery Probe: Do not include batteries that are in a car.	__	__
(D) Kerosene stove	__	__	(U) Boats (motorized or other)	__	__
(E) Radio / cassette player / CD player	__	__	(V) Iron/Metal/Steel sheets	__	__
(F) Sewing machine	__	__	(W) Farming tools (hoes, pangas, etc)	__	__
(G) Kerosene lantern	__	__	(X) Hand carts	__	__
(H) Bed	__	__	(Y) Wheelbarrows	__	__
(I) Mattress	__	__	(Z) Ox plow	__	__
(J) Bednet	__	__	(AA) Cattle	__	__
(K) Tables	__	__	(BB) Goat	__	__
(L) Sofa pieces (all kinds)	__	__	(CC) Sheep	__	__
(M) Chairs	__	__	(DD) Chicken	__	__
(N) Cupboards/Dressers	__	__	(EE) Other birds (ducks, geese, turkeys)	__	__
(O) Clock or watch	__	__	(FF) Pig	__	__
(P) Electric iron	__	__	(GG) Solar panel	__	__
(Q) Television	__	__	(HH) Generator	__	__

14. In the last seven days, how many hours have you spent doing household chores for your household? **Prompt: Household chores include activities such as cleaning, dusting, sweeping, washing dishes or clothes, ironing, collecting water, slashing, etc. Do not include time spent on childcare.** __ hours

15. In total, how many people have performed household chores for your household over the last seven days? **Include both household members and non-household members, and the FR, if applicable. FRs who are live-in house help or live-in guards should be considered 1-person households unless they have a spouse or dependent living with them (in which case you should include these individuals as well).** __

If the responses to questions 8 and 9 are BOTH ZERO, skip to Section 7. Otherwise, continue.

16. In the last seven days, how many hours did members of your household – not including you – spend doing household chores for your household? **Include anyone who lives in the household, “eats from the same pot” and spends 4 nights or more in an average week sleeping in your home even if they are live-in domestic help. Recall that FRs in boarding school should be considered 1-person households. FRs who are live-in house help or live-in guards should be considered 1-person households also unless they have a spouse or dependent living with them (in which case you should include these individuals as well). If the FR lives alone, list “0”.**

|__| hours

17. In the last seven days, how many hours did workers from outside the household (such as hired maids who do not live with you) spend doing household chores? |__| hours
If ZERO, skip to Section 7. Otherwise, continue.

18. In the last seven days, how much have you spent in total (including cash and in-kind payments) on people from outside the household assisting with household chores? **If payment is in kind, ask to estimate in shillings.** Amount (-99=DK): |__|
Currency if NOT Kenyan shillings (**use G12 codes**): |__| Other: _____

SECTION 7. Farming and Agriculture

Read: We would now like to discuss the agricultural or pastoral activities that you and other members of your household perform.

1. Do members of your household perform any agricultural or pastoralist activities for yourselves? (1=Yes, 2=No)
Recall that FRs in boarding school count as a 1-person household. Live-in house help and live-in guards count as 1-person households unless they have a spouse or dependents living with them (in which case those individuals should also be included).
IF YES, proceed to question 1a. IF NO, skip to Section 8.

Do not read: the following activities are considered agricultural/ pastoral: Agriculture; Livestock farming; Poultry; Fish pond; Other. Probe FR to ensue all agricultural activities are captured

- 1a. Which of the following agricultural or pastoralist activities does your household perform? **Select all that apply.**
 Agriculture Livestock farming Poultry Fish Pond Other

Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3	D: Current Activity #4
2. What are the agricultural or pastoralist activities that members of your household perform? List up to 4 agricultural or pastoralist activities. Start with agriculture if the household performs it. Otherwise, start with the activity that the FR considers to be most important. "Tree planting" counts as agriculture (ignore trees that are planted solely for shade). If LIVESTOCK, FISH POND or POULTRY, skip to question 5. OTHERWISE, continue.	1=Agriculture 2=Livestock farming 3=Poultry 4=Fish pond 5=Other (specify)	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
3. What is the total size of the land you used for this activity in the last 12 months? If AGRICULTURE, continue. OTHERWISE, skip to question 5.	1 Hectare ≈ 2.5 Acres	<input type="text"/> <input type="text"/> <input type="text"/> acres			

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3	D: Current Activity #4
4. What crops have you grown in the last 12 months? List the ten most important crops if there are more than 10 total. Include both fruit bearing and non-fruit bearing trees as long as they are not planted solely for shade purposes.	Use F1 codes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____ _____	--	--	--
5. Are you the main decision-maker for this activity? If NO, continue. If YES, go to question 6.	1=Yes, 2= No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5a. What is your relationship to the main decision-maker? Ex: If DM is FR's uncle, enter uncle, not nephew.	Use G4 codes	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
6a. Did you sell any of the output from this activity in the last 12 months? If YES, continue. If NO, go to question 7.	1=Yes, 2=No, -99=DK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6aa. How much did you receive in total in sales from this activity in the last 12 months? If agriculture, include all crops, fruits and vegetables sold. If NON-AGRICULTURE, continue. OTHERWISE, skip to question 5.	-99=DK For currency, use G12 codes.	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____
6b. Did your household sell any livestock animals/poultry birds/fish in the last 12 months?	1=Yes, 2=No, -99=DK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6ba. How much did you receive in total in sales of livestock animals/poultry birds/fish during the last 12 months? (KSH)	-99=DK For currency, use G12 codes.	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____
6c. Did your household purchase any livestock animals/poultry birds/fish in the last 12 months?	1=Yes, 2=No, -99=DK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6ca. How much did you spend in total on	-99=DK	Amount: _____	Amount: _____	Amount: _____	Amount: _____

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3	D: Current Activity #4
purchasing livestock animals/poultry birds/fish during the last 12 months? (KSH)	For currency, use G12 codes.	Currency if NOT Ksh: __ Other: _____			
7. How many hours did you work in total in this business / activity in the last 7 days?		__ hours	__ hours	__ hours	__ hours
8. In total, how many people worked on this activity over the last 12 months? Include both household members and non-household members, and the FR, if applicable.	-99=DK	__	__	__	__
9. How many hours did members of your household – not including you – work in this business/activity in the last 7 days?	-99=DK	__ hours	__ hours	__ hours	__ hours
10. In total, how many workers from outside the household (e.g. casual workers) to work on this activity did you hire during the last 12 months? Count casual workers that worked part-time as well. Count each worker once. If ZERO, skip to question 13.	-99=DK	__	__	__	__
11. How many hours did workers from outside the household work in this business / activity during the last 7 days?	-99=DK	__ hours	__ hours	__ hours	__ hours
12. How much did you spend on salaries for workers from outside the household in this business or activity during the last 12 months? If payment is in kind, ask to estimate in shillings.	-99=DK For currency, use G12 codes.	Amount: __ Currency if NOT Ksh: __ Other: _____	Amount: __ Currency if NOT Ksh: __ Other: _____	Amount: __ Currency if NOT Ksh: __ Other: _____	Amount: __ Currency if NOT Ksh: __ Other: _____

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3	D: Current Activity #4
<p>13. How much did you spend on the following items for this activity during the last 12 months?</p> <p>a. Tools and machinery (i.e plows, machetes, hoes, rental of tractors)</p> <p>b. Animal medicine</p> <p>c. Fertilizer</p> <p>d. Irrigation</p> <p>e. Improved/hybrid seeds</p> <p>f. Formal agricultural insurance</p> <p>If unsure, FR can estimate.</p>	<p>-99=DK; For currency, use G12 codes.</p>	<p>a. Amount: <input type="text"/></p> <p>b. Amount: <input type="text"/></p> <p>c. Amount: <input type="text"/></p> <p>d. Amount: <input type="text"/></p> <p>e. Amount: <input type="text"/></p> <p>f. Amount: <input type="text"/></p> <p>Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/></p>	<p>a. Amount: <input type="text"/></p> <p>b. Amount: <input type="text"/></p> <p>c. Amount: <input type="text"/></p> <p>d. Amount: <input type="text"/></p> <p>e. Amount: <input type="text"/></p> <p>f. Amount: <input type="text"/></p> <p>Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/></p>	<p>a. Amount: <input type="text"/></p> <p>b. Amount: <input type="text"/></p> <p>c. Amount: <input type="text"/></p> <p>d. Amount: <input type="text"/></p> <p>e. Amount: <input type="text"/></p> <p>f. Amount: <input type="text"/></p> <p>Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/></p>	<p>a. Amount: <input type="text"/></p> <p>b. Amount: <input type="text"/></p> <p>c. Amount: <input type="text"/></p> <p>d. Amount: <input type="text"/></p> <p>e. Amount: <input type="text"/></p> <p>f. Amount: <input type="text"/></p> <p>Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/></p>
<p>14. Did you receive any instruction from an agricultural extension worker for this activity during the last 12 months?</p>	<p>1=Yes, 2= No</p>	<p><input type="text"/></p>	<p><input type="text"/></p>	<p><input type="text"/></p>	<p><input type="text"/></p>

If ANOTHER ACTIVITY was entered, return to question 2 and fill in the next column. If NOT, continue to the following question.

Read: Now I want to ask you more specifically about the crops that you mentioned earlier.

Fill in the table by filling in any crop listed for question 4. Start with the crop most produced. If no crops listed, skip to Section 8.

	15. Crop <i>Use F1 codes</i>	16. During the last 12 months, how much did you produce? (-99=DK) <i>If 0, skip to question 19. OTHERWISE, continue.</i>	17. Did you sell any of the output from this crop in the last 12 months? <i>If YES, cont. ELSE, skip to question 19.</i>	18. During the last 12 months, how much did you sell? <i>Try to get valuation both in amount of crop (i), and in Ksh (ii).</i>	19. In the last 12 months did you use any of the following for this crop: a. Fertilizer b. Irrigation c. Improved / hybrid seeds d. Formal agricultural insurance	20. Have you experienced any crop destruction in the past 12 months?	21. How much land (in acres) did you devote to farming this crop in the past 12 months? <i>For tree crops, count the trunks plus the area between them. If it is too difficult to estimate, enter DK.</i>	21b. In the past 12 months, did you plant any other crops on the land devoted to farming this crop? (ie, intercropping or crop rotation) <i>Skip to next crop. If last, go to Sec. 8.</i>		
		AMT	UNIT <i>F7 codes</i>	(1=Yes, 2=No)	AMT	UNIT <i>F7 codes</i>	(1=Yes, 2=No)	(1=Yes, 2=No)	1 Hectare ≈ 2.5 Acres	(1=Yes, 2=No)
Crop 1	_	_ _ _	_ _____	_	i.____ ii.____	_ 01	a. _ c. _ b. _ d. _	_	_ _ . _ _ acres	_
Crop 2	_	_ _ _	_ _____	_	i.____ ii.____	_ 01	a. _ c. _ b. _ d. _	_	_ _ . _ _ acres	_
Crop 3	_	_ _ _	_ _____	_	i.____ ii.____	_ 01	a. _ c. _ b. _ d. _	_	_ _ . _ _ acres	_
Crop 4	_	_ _ _	_ _____	_	i.____ ii.____	_ 01	a. _ c. _ b. _ d. _	_	_ _ . _ _ acres	_
Crop 5	_	_ _ _	_ _____	_	i.____	_	a. _ c. _	_	_ _ . _ _ acres	_

	15. Crop Use F1 codes	16. During the last 12 months, how much did you produce? (-99=DK) If 0, skip to question 19. OTHERWISE, continue.	17. Did you sell any of the output from this crop in the last 12 months? If YES, cont. ELSE, skip to question 19.	18. During the last 12 months, how much did you sell? Try to get valuation both in amount of crop (i), and in Ksh (ii).	19. In the last 12 months did you use any of the following for this crop: a. Fertilizer b. Irrigation c. Improved / hybrid seeds d. Formal agricultural insurance	20. Have you experienced any crop destruction in the past 12 months?	21. How much land (in acres) did you devote to farming this crop in the past 12 months? For tree crops, count the trunks plus the area between them. If it is too difficult to estimate, enter DK.	21b. In the past 12 months, did you plant any other crops on the land devoted to farming this crop? (ie, intercropping or crop rotation) Skip to next crop. If last, go to Sec. 8.		
		AMT	UNIT F7 codes	(1=Yes, 2=No)	AMT	UNIT F7 codes	(1=Yes, 2=No)	(1=Yes, 2=No)	1 Hectare ≈ 2.5 Acres	(1=Yes, 2=No)
					ii. ___	01	b. __ d. __			
Crop 6	__	__	__	__	i. ___	__	a. __ c. __	__	__ . __ acres	__
					ii. ___	01	b. __ d. __			
Crop 7	__	__	__	__	i. ___	__	a. __ c. __	__	__ . __ acres	__
					ii. ___	01	b. __ d. __			
Crop 8	__	__	__	__	i. ___	__	a. __ c. __	__	__ . __ acres	__
					ii. ___	01	b. __ d. __			
Crop 9	__	__	__	__	i. ___	__	a. __ c. __	__	__ . __ acres	__
					ii. ___	01	b. __ d. __			
Crop 10	__	__	__	__	i. ___	__	a. __ c. __	__	__ . __ acres	__
					ii. ___	01	b. __ d. __			

22. **Do not ask the following question, simply recording your impressions.** Were the monetary values given in this table on crop sales valued in Kenyan shillings? (1=Yes, 2=No)

22a. **If NO: List currency used for responses on crop sales. (use G12 codes):** Other: _____

SECTION 8. Self-Employment

1. Other than in farming, are any members of your household currently self-employed or running a business to earn a living? (1=Yes, 2=No)

If YES, continue. If NO, skip to question 27.

Read: Now I would like to learn about each of the current businesses members of your household are running or the activities you are performing while self-employed, starting with your current most important self-employment position.

1a. How many businesses or activities are your household currently running? *Note: We are asking for the total number of businesses the household is running. List all the self-employment the FR/ someone in the household is having. The FR can invite relevant person in to help answer questions about this part.*

READ: Now I would like to learn about each of the current businesses members of your household are running or the activities you are performing while self-employed, starting with your household's current most important self-employment position.

Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
2. In what industry is this business? List for all businesses or activities.	Use F2 codes	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
3. Is this business located within your village?	1=Yes, 2= No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a. From where is this enterprise operated?	1=Within home, 2=Market stall/kiosk, 3=Own building, 4=Shared building, 5=No building	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3b. Which member of your household is the main decision-maker for this enterprise?	Use HH roster number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. How many hours did [main decision-maker] work in total in this business in the last 7 days?		<input type="text"/> hours	<input type="text"/> hours	<input type="text"/> hours
5. In the last 12 months, what months did your household operate this	1= Yes, 2= No	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
business?		<input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec
6. How many workers is this enterprise currently employing? Do not include [main decision-maker]. If NOT ZERO, continue. If ZERO, skip to question 7.		<input type="text"/>	<input type="text"/>	<input type="text"/>
6a. How many of these workers live in your household?		<input type="text"/>	<input type="text"/>	<input type="text"/>
6b. How many of these workers started in the last 6 months?		<input type="text"/>	<input type="text"/>	<input type="text"/>
6c. In the last month, what was the total amount of salary or wages paid to all workers?	For currency use G12 codes	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> <input type="text"/> Other: <input type="text"/>	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> <input type="text"/> Other: <input type="text"/>	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> <input type="text"/> Other: <input type="text"/>
7. What were your household's total earnings (money in only – do not subtract any expenses) from this business in the: 7a. Last month? 7b. Last 12 months? Here we mean the amount you received from this business for sales & services provided before subtracting any expenses for payment of workers, or purchase of inputs, personal, or family items. If unsure, FR can estimate.	For currency use G12 codes	a. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/> b. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/>	c. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/> d. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/>	e. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/> f. Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: <input type="text"/>

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
<p>Read: I'd like to remind you that the data we collect here is entirely confidential, and will not be reported to the authorities.</p> <p>8. Is the business licensed with the county government?</p> <p>If NO, skip to question 9. ELSE, continue.</p>	1=Yes, 2=No	_	_	_
8a. How much did this license cost?	For currency use G12 codes; 98=Refuse,-99=DK	Amount: _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ Currency if NOT Ksh: _ _ Other: _____
8b. How many months in total is this license valid?		_ _ months	_ _ months	_ _ months
9. Is the business name registered with the government?	1=Yes, 2=No	_	_	_
10. Is the business registered as a limited company?	1=Yes, 2=No	_	_	_
<p>11. What was your household's total profit from this business in the:</p> <p>11a. Last month?</p> <p>11b. Last 12 months?</p> <p>Here we mean the amount you received after paying for expenses for this business, including hired workers, money for household members who helped, purchase of goods for sale or for inputs, such as raw materials, fuel, and electricity, but before purchasing personal items for yourself or your household.</p> <p>If unsure, FR can estimate.</p>	For currency use G12 codes	<p>a. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p> <p>b. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p>	<p>c. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p> <p>d. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p>	<p>e. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p> <p>f. Amount: _ _ </p> <p>Currency if NOT Ksh: _ _ Other: _____</p>
12. In what month and year did your household start, purchase, or gain control of this business? If unsure, FR can estimate.	(MM/YYYY)	_ _ / _ _ _ _	_ _ / _ _ _ _	_ _ / _ _ _ _

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
13. How much did your household have to invest in order to start, purchase or gain control of this business? Include all monetary assistance that others contributed to allow FR to start this business. If ZERO, skip to question 15.	0 = Business was inherited or transferred for free (gift) For currency use G12 codes	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____
14. How did you obtain the resources your household initially invested in this business? List the main source.	1= Own savings 2= Loan from relatives 3= Gift from relatives 4= Loan from friends 5= Gift from friends 6= Bank loan 7= Merry-go-round 8= SACCO 9= NGO cash transfer 10=Other (specify)	a. ____ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b ____ Other: _____	a. ____ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b ____ Other: _____	a. ____ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b ____ Other: _____
15. Does your household own the premises of the business? If NO, cont. If YES or THIS BUSINESS HAS NO PREMISES, go to question 16.	1=Yes, 2=No, 3=This business has no premises (ancestral home=1; for fisherman, do they own their boat?)	____	____	____
15a. How much do you pay for rent per month?	For currency use G12 codes	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____
16. Last month, how much did you spend, in this business, on: a. Electricity and water? (from all sources) b. Insurance? (exclude health insurance since that is already captured in question 17).	99 = DK For currency use G12 codes	a. Ksh ____ b. Ksh ____ c. Ksh ____	a. Ksh ____ b. Ksh ____ c. Ksh ____	a. Ksh ____ b. Ksh ____ c. Ksh ____

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
c. Interest payments? d. Purchases of goods for resale? e. Purchases of inputs (<i>i.e., raw materials</i>)? f. Repairs / maintenance, or rental of equipment? g. Security? (<i>monthly costs only, like guards, maintaining fences, etc</i>) h. Other operating costs, excluding salaries, wages, and rent? (i.e. advertising, transportation)	99 = DK For currency use G12 codes	d. Ksh _____ e. Ksh _____ f. Ksh _____ g. Ksh _____ h. Ksh _____ Currency if NOT Ksh: _____ Other: _____	d. Ksh _____ e. Ksh _____ f. Ksh _____ g. Ksh _____ h. Ksh _____ Currency if NOT Ksh: _____ Other: _____	d. Ksh _____ e. Ksh _____ f. Ksh _____ g. Ksh _____ h. Ksh _____ Currency if NOT Ksh: _____ Other: _____
17. Last month, how much did you spend on: a. NSSF / Health insurance? b. Market fees? c. Taxes or fees to the county government? Exclude license payments, as this was captured in question 8 d. Taxes or fees to the national government? e. Taxes, fees or fines to the Chiefs/assistant chiefs/village elders f. Additional payments to government officials, police or other authorities in order to do business? (<i>i.e., bribes - but don't use that word</i>)		a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____
18. Have you experienced any vandalism or theft from your business in the last 12 months?	1=Yes, 2=No	a.	b.	c.

If there is ANOTHER BUSINESS OR ACTIVITY, return to question 2 and fill in the next column. If NOT, continue.

19. Since [BASELINE DATE], have you ever closed, sold or transferred control of a business? (1=Yes, 2=No)
If NO, skip to question 27. If YES, continue.

19a. How many businesses have you and your household closed, sold or transferred control of since [BASELINE DATE]?

Fill in the table for each closed enterprise by proceeding down each column.

Questions	Codes	A: Former Business #1	B: Former Business #2	C: Former Business #3
20. When did your household most recently close, sell or transfer control of this business?	(MM / YYYY)	_ _ / _ _ _ _	_ _ / _ _ _ _	_ _ / _ _ _ _
21. Did you close, sell or transfer control of the business? If SOLD, continue. If TRANSFERR-ED, skip to 21b. If CLOSED, skip to question 20.	1 = Close 2 = Sell 3 = Transfer control (including transfer control for free)	_	_	_
21a. For what amount did you sell the business?	For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
21b. To whom did you transfer or sell the business?	Use G4 codes	_ Other: _____	_ Other: _____	_ Other: _____
22. Why did you choose to close, sell or transfer control of your business? List up to 3.	Use F3 codes	_ _ _ Other: _____	_ _ _ Other: _____	_ _ _ Other: _____
23. In what industry was this business?	Use F2 codes	_ Other: _____	_ Other: _____	_ Other: _____
24. In the typical month you had this business, what was the total profit, in shillings?	For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____
25. What were your total earnings (money in only – do not subtract expenses) from this business in the typical month that you had it?	For currency, use G12 codes.	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____	Amount: _ _ _ Currency if NOT Ksh: _ _ Other: _____

Questions	Codes	A: Former Business #1	B: Former Business #2	C: Former Business #3
26. What were your total costs (including wages to workers, rent, and all other costs) associated with this business in the typical month that you had it?	<i>For currency, use G12 codes.</i>	Amount: __ Currency if NOT Ksh: __ Other: _____	Amount: __ Currency if NOT Ksh: __ Other: _____	Amount: __ Currency if NOT Ksh: __ Other: _____
27. In the typical month, how many employees did you have in the business at any one time?		__	__	__
28. In what month and year did you start, purchase or gain control of this business?	(MM/YYYY)	__ _ / _ _ _ _	__ _ / _ _ _ _	__ _ / _ _ _ _

If ANOTHER CLOSED / SOLD / TRANSFERRED BUSINESS entered, return to question 2 and fill in next column. If NOT, continue.

29. (Do not read): Did the respondent receive assistance answering question in this section?
If YES, continue. If NO, skip to section 9.

29a.(Do not read): From which household member(s) did the FR receive assistance? Use HH roster numbers |__| / |__| / |__|

SECTION 9. Employment

1. Are any members of your household currently employed, working for pay? *Probe FR as to whether any members of the household are casual laborers, including casual labor for pay on someone else's farm or casual labor in other industries.* (1=Yes, 2=No, -99=FR is not employed/volunteering but does not know about other household members)

If YES, skip to question 1b. If NO, continue.

1a. Are any members of your household currently working as a volunteer, intern or an attachment, with either no pay or only occasional pay? *This includes working voluntarily for a relative who is not a member of the FR's household.* (1=Yes,2=No, 99=FR is not employed/volunteering but does not know about other household members)

If YES, continue. If NO, skip to question 19.

Read: Read: Now I would like to learn about what jobs members of your household currently hold, including both paid and unpaid jobs (and internships and attachments), starting with your household's most important position. Please count as a job any work for pay on another persons's farm. Please do not include self-employment positions in your answer. I would like to remind you that all answers you give will be kept as confidential as possible, we're independent Organization and information won't have any effect on other programs.

1b. How many current jobs do members of your household work?

Ask FR to think of all their current jobs. Prompt FR to think about any work they have done for pay on someone else's farm. Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
2. Which member of your household is employed in this position?	Use HH roster number			
3. In what month and year did this person start this job? <i>List up to 3 of the FR's current jobs. Ask FR to estimate if unsure.</i>	(MM/YYYY)	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. In what occupation is this work?	<i>Use G9 codes</i> (-99=DK)	Other: <input type="text"/>	Other: <input type="text"/>	Other: <input type="text"/>
5. In what industry is this work?	<i>Use F2 codes</i>	Other: <input type="text"/>	Other: <input type="text"/>	Other: <input type="text"/>
6. In this position, what is your	<i>Use F6 codes</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
employment status? <i>If had different statuses at different points in time, use most recent.</i>		Other: _____	Other: _____	Other: _____
7. This position's working patterns could be best described as: <i>If SEASONAL, continue. OTHERWISE, skip to question 8.</i>	1 = Full time 2 = Part time 3 = Seasonal 4 = Other (<i>specify</i>)	_ _ Other: _____	_ _ Other: _____	_ _ Other: _____
7a. In which months did this person work during the last 12 months? <i>Include all months for which this person worked during some part of the month.</i>	1= Yes, 2= No	_ Jan _ Feb _ Mar _ Apr _ May _ Jun _ Jul _ Aug _ Sep _ Oct _ Nov _ Dec	_ Jan _ Feb _ Mar _ Apr _ May _ Jun _ Jul _ Aug _ Sep _ Oct _ Nov _ Dec	_ Jan _ Feb _ Mar _ Apr _ May _ Jun _ Jul _ Aug _ Sep _ Oct _ Nov _ Dec
8. How many hours did this person work at this job during the last 7 days?		_ _ hours	_ _ hours	_ _ hours
9. Approximately how many other employees work at this place / business where this person works? <i>Do not include this person in this count.</i>	0=no other employees; 1=1-5; 2=6-10; 3=11-20; 4=21-99; 5=100 or more;-99=DK	_ _	_ _	_ _
10. What is / was the amount of this person's <u>cash salary</u> for the last month? <i>Ask for pre-tax salary, where applicable. If this is an agricultural laborer position that is no longer current, ask for last month working.</i>	<i>For currency, use G12 codes</i>	Amount: _____ Currency if NOT Ksh: _ _ Other: _____	Amount: _____ Currency if NOT Ksh: _ _ Other: _____	Amount: _____ Currency if NOT Ksh: _ _ Other: _____
11. What is/ was the amount this person paid in income taxes for the last month? <i>If this is an agricultural laborer position that is no longer current, ask for last month</i>	<i>For currency, use G12 codes</i>	Amount: _____ Currency if NOT Ksh: _ _ Other: _____	Amount: _____ Currency if NOT Ksh: _ _ Other: _____	Amount: _____ Currency if NOT Ksh: _ _ Other: _____

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
<i>working.</i>				
12. For the last month at this job, what was the total value of this person's: <ul style="list-style-type: none"> a. payment in kind in food? b. NSSF / health insurance? c. housing benefits? d. uniforms / clothing benefits? e. training allowance? f. other allowances and benefits? FR can estimate if unsure.	For currency, use G12 codes	a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	a. Ksh _____ b. Ksh _____ c. Ksh _____ d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____

If there is ANOTHER JOB, return to question 2 and fill in the next column. If NOT, skip to next section.

Questions	Codes	Answers
19. Are members of your household currently looking for a job, or another job? This includes those who are working but who are trying to find additional work. If YES, skip to question 21. If NO, continue.	1=Yes, 2=No	_____
20. Why not? Skip to question 23.	Use F8 codes	_____ Other: _____
21. During the last 7 days, how many hours did members of your household spend actively searching for jobs, applying for jobs, or in interviews? If ZERO, skip to question 23. OTHERWISE, continue.		_____ hours
22. During the last 7 days, what did you do to try to get a job, or another job? List up to 4.	Use F4 codes	____ ____ ____ ____ Other: _____

23. Since [BASELINE DATE], have members of your household held any other positions, working for someone else? (1=Yes, 2=No)
 |_____|
If YES, go to question 23b. If NO, continue.

23a. Since [BASELINE DATE], have members of your household held any other work as a volunteer, intern or attachment for someone else, with either no pay or only occasional pay? **This includes working voluntarily for a relative who is not a member of the FR's household.** (1=Yes, 2=No)
If YES, continue. If NO, skip to next section.

Read: Now I would like to learn about the history of jobs you have held since [BASELINE DATE], including both paid and unpaid jobs. Other than any jobs you have already described, please describe the *next* most recent job you have held.

23b. How many jobs have your household held since [BASELINE DATE], including both paid and unpaid jobs?

Fill in the table by proceeding across for question 24, then down each column. If more than 4 past jobs, collect information on the four most recent.

Questions	Codes	Former Job #1	Former Job #2	Former Job #3	Former Job #4
24. Which member of your household was employed in this position?	Use HH roster number	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
25. In what occupation was this work? List the occupations of up to 4 former jobs the FR has had.	Use G9 codes (-99=DK)	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
26. In what industry was this work?	Use F2 codes	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
27. In what month and year did this person start this job?	(MM/YYYY) Ask FR to estimate if unsure. -99=DK mth, 9999=DK yr.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
28. In what month and year did this person leave this job?	(MM/YYYY) Ask FR to estimate if unsure. -99=DK mth, 9999=DK yr.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Questions	Codes	Former Job #1	Former Job #2	Former Job #3	Former Job #4
29. How did this person come to learn about this job opportunity? List up to 3.	Use F4 codes	_ _ _ _ Other: _____ _ _ Use G4 codes If friend / relative Other: _____	_ _ _ _ Other: _____ _ _ Use G4 codes If friend / relative Other: _____	_ _ _ _ Other: _____ _ _ Use G4 codes If friend / relative Other: _____	_ _ _ _ Other: _____ _ _ Use G4 codes If friend / relative Other: _____
30. In this position, what was this person's employment status?	Use F6 codes	_ _ Other: _____			
31. This position's working pattern could be best described as:	1 = Full time 2 = Seasonal 3 = Other (spec)	_ _ Other: _____			
32. How many hours did this person work at this job during the last 7 days you were employed there?	Refer to last work-week, not last 7 work days. -99=DK	_ _ _ hours			
33. What was the amount of your <u>cash salary</u> for the last month this person worked at this job? Ask for pre-tax salary, where applicable.	For currency, use G12 codes	Amount: _ _ _ _ Currency if NOT Ksh: _ _ _ Other: _____	Amount: _ _ _ _ Currency if NOT Ksh: _ _ _ Other: _____	Amount: _ _ _ _ Currency if NOT Ksh: _ _ _ Other: _____	Amount: _ _ _ _ Currency if NOT Ksh: _ _ _ Other: _____

Questions	Codes	Former Job #1	Former Job #2	Former Job #3	Former Job #4
34. What was the total value of the benefits and payment in kind you received during the last month this person worked at this job? Do not include cash salary. Read the following prompts: Like food? Or NSSF / health insurance? Or housing? Or uniforms / clothing? Or training? Or any other benefit?	99 = DK For currency, use G12 codes	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____	Amount: ____ Currency if NOT Ksh: ____ Other: _____
35. Why did this person leave this work?	Use F5 codes	____ Other: _____	____ Other: _____	____ Other: _____	____ Other: _____

If ANOTHER PREVIOUS JOB was entered, return to question 23 and fill in the next column. If NOT, skip to next section.

(Do not read): 36. Did the respondent receive assistance answering question in this section?

If YES, continue. Otherwise go to next section.

36a. From which household member(s) did the FR receive assistance? Use HH roster numbers |__| / |__| / |__|

SECTION 10. Savings, Credit and Community Contributions

0. Do you or someone in your household have an M-Pesa account? (1=Yes, 2=No)
If YES, continue to question 10a. If NO, skip to question 1.

0a. When did you or someone in your household start an M-Pesa account? (DD/MM/YYYY)
/ /
If DK, fill in "Jan 1900".

1. Do you have any type of account in a bank? (1=Yes, 2=No)
If YES, continue to question 1a. If NO, skip to question 2.

1a. Do you have a savings account in a bank? (1=Yes, 2=No)

2. Do you participate in a SACCO? (1=Yes, 2=No)
If YES, continue to question 2a. If NO, skip to question 3.

2a. What was your SACCO contribution last month?
Amount: Currency if NOT Ksh (**use G12 codes**) Other: _____

3. Do you participate in a merry-go-round or ROSCA? (1=Yes, 2=No)
If YES, continue to question 3a. If NO, skip to question 3j.

3a. How many different merry-go-rounds or ROSCAs do you participate in?

3b. What is the total amount in shillings of merry-go-round / ROSCA contributions that you made last month? Ksh
Currency if NOT Ksh (**use G12 codes**) Other: _____

3c. In the past 12 months, have you taken any loans from a merry-go-round or ROSCA?
(1=Yes, 2=No)

3d. What is the total amount of loans you took from a merry-go-round or ROSCA in the past 12 months?
Amount: Currency if NOT Ksh (**use G12 codes**) Other: _____

3e. What was the purpose of those loans? **Use T1 codes. Select up to 3.**
Other(specify): _____

3f. How much interest was charged on the most recent loan you took from a Merry-go-round or ROSCA?

1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 99, -99=DK.

Unit Amount: per unit of time:

3h. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".** / /

3i. Are you currently in default on this loan? (1=Yes, 2=No)

3j. In the past 12 months, did you ask for a loan from a merry-go-round or ROSCA but not get it? 1=Yes, 2=No)

4. In the past 12 months, have you taken any loans from a commercial bank or commercial lender? (1=Yes, 2=No)

If YES, continue to Question 4a. If NO, skip to question 4f.

4a. What is the total amount of loans you took from commercial banks or commercial lenders in the past 12 months?

Amount: Currency if NOT Ksh (use G12 codes) Other:

4b. What was the purpose of those loans? **Use T1 codes. List all that apply.**

Other:

4c. How much interest was charged on the most recent loan you took from a commercial bank or commercial lender? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 99, -99=DK.

Unit Amount: per unit of time:

4d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".** /

4e. Are you currently in default on this loan? (1=Yes, 2=No)

4f. In the past 12 months, did you apply for a loan from a commercial bank or commercial lender but not get it? (1=Yes, 2=No)

5. In the past 12 months, have you taken any loans (i.e. borrowed money) from a shylock (moneylender)?

(1=Yes, 2=No)

If YES, continue to question 5a. If NO, skip to question 5e.

5a. What is the total amount of loans you took from shylocks (moneylenders) in the past 12 months? Amount: Currency if NOT Ksh (use G12 codes) Other:

5b. What was the purpose of those loans? **Use T1 codes. List all that apply.**

Other:

5c. How much interest was charged on the most recent loan you took from a shylock (moneylender)? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 99, -99=DK.

Unit Number: per unit of time:

5d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".** /

5e. Did you ask for a (another) loan from a shylock (moneylender) in the past 12 months but not get it? (1=Yes, 2=No)

6. In the past 12 months, have you taken any loans (i.e. borrowed money) from M-Shwari? (1=Yes, 2=No)

If YES, continue to question 6a. If NO, skip to question 6f.

- 6a. What is the total amount of loans you took from M-Shwari in the past 12 months?
Amount: Currency if NOT Ksh (**use G12 codes**) Other: _____
- 6b. What was the purpose of those loans? **Use T1 codes. List all that apply.**
 Other: _____
- 6c. How much interest was charged on the most recent loan you took from M-Shwari?
(Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)
If no interest charged, fill in all three blanks with 99, -99=DK.
Unit _____ Amount: per unit of time:
- 6d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".** /
- 6e. Did you ask for a (another) loan from M-Shwari in the past 12 months but not get it?
(1=Yes, 2=No)
7. In the past 12 months, have you ever borrowed money from someone else outside your household? **By borrowing, I mean that you have received money that you had to repay or will have to repay at some point in the future.** (1=Yes, 2=No)
If YES, continue to question 7a. If NO, skip to question 7f.
- 7a. What is your relationship to those people? **Use G4 codes. List up to 3 relationships, starting with the relationship of the person FR borrowed the most from. If the FR has borrowed money from more than 3 people outside the household, make a comment at the bottom of this page with the total number of individuals borrowed from. Choose codes such that, for instance, if the sender is the FR's mother, you select the code for "mother".**
 Other: _____
- 7b. What is the total amount you borrowed from friends or from relatives outside your household in the past 12 months?
Amount: Currency if NOT Ksh (use G12 codes) Other: _____
- 7c. What was the purpose of that borrowing? **Use T1 codes. List all that apply.**
 Other: _____
- 7d. How much interest was charged on the most recent loan you took from someone else outside your household? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)
If no interest charged, fill in all three blanks with 99, -99=DK.
Unit _____ Number: per unit of time:
- 7e. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".** /
- 7f. Did you ask for a (another) loan from someone else outside your household in the past 12 months but not get it? (1=Yes, 2=No)
8. In the past 12 months, have you ever lent money to someone outside your household? By lending, I mean that you gave money to someone that you have received back or are expecting to receive back at some point in the future.

(1=Yes, 2=No)

If YES, continue to questions 8a. If NO, skip to question 8e.

8a. What is your relationship to those people? Use G4 Codes. List up to 3 relationships, starting with relationship of person FR lent the most money to. If the FR has lent money to more than 3 people outside the household, please make a comment at the bottom of this page with the total number of people lent to. Choose codes such that, for instance, if the sender is the FR's mother, you select the code for "mother".

Other: _____

8b. What is the total amount you lent to people outside your household in the past 12 months? Amount: Currency if NOT Ksh (use G12 codes) Other: _____

8c. How much interest did you charge on the most recent loan you gave to someone outside your household? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 99.

Unit _____ Number: per unit of time:

8d. By when is / was this person supposed to pay back the loan? (MM/YYYY) If no specific date given, fill in "77/7777".

8e. Did someone ask for a loan in the past 12 months but you did not give it? (1=Yes, 2=No)

Section 10.1. Local Public Goods & Community Contributions

1. Are you a member of any of the following groups? (1=Yes, 2=No)

- a. a men's/ women's group?
- b. a farmer / agricultural group?
- c. a youth group?
- d. a water group / well committee?
- e. a religious study group?
- f. a burial committee?
- g. a school committee or club?
- h. a sports team?
- i. another community group? If YES: Describe: _____

2. We know that public facilities and infrastructure can be important for development and communities. I'd like you to think back 2 years ago. Imagine that, 2 years ago, you had KSH 50,000 to spend on a development project for your village of your choice. On what type of project would you spend it?

FO: Read options

1 = Primary Schools, 2 = Secondary Schools, 3 = Water Points, 4 = Feeder roads, bridgets and footpaths, 5 = Health Clinics, 6 = Market Centers, 7 = Other (specify), 9 = No need for more development

2a. Would you spend the KSH 50,000 on constructing new {10.1.2 response} or improving/maintaining existing {10.1.2 response}? (1 = New, 2 = Improving/maintaining)
|____|

3. Now, please think of your village today. Imagine that, today, you had KSH 50,000 to spend on a development project for your village of your choice. On what type of project would you spend it?

FO: Read options

1 = Primary Schools, 2 = Secondary Schools, 3 = Water Points, 4 = Feeder roads, bridges and footpaths, 5 = Health Clinics, 6 = Market Centers, 7 = Other (specify), 9 = No need for more development

|____|

3a. Would you spend the KSH 50,000 on constructing new {10.1.3 response} or improving/maintaining existing {10.1.3 response}? (1 = New, 2 = Improving/maintaining)
|____|

4. Now I'd like you to think about the water points that your household uses. How would you rate the quality of these water points?
(1=Very Good, 2=Good, 3=Fair, 4=Poor, 5=Very Poor) |____|

5. Now I'd like you to think about the feeder roads, bridges and footpaths within this village your household uses. How would you rate the quality of these feeder roads, bridges and footpaths?
(1=Very Good, 2=Good, 3=Fair, 4=Poor, 5=Very Poor) |____|

6. Now I'd like you to think about the nearest public health clinic/dispensary. How would you rate the quality of the nearest public health clinic/dispensary?
(1=Very Good, 2=Good, 3=Fair, 4=Poor, 5=Very Poor) |____|

Read: Now I would like to ask you some questions about your household's contributions to public goods. We know that sometimes village elders or assistant chiefs give households targets for contributions, and that sometimes households are able to meet these targets and other times they are not.

	a. Water Points	b. Feeder Roads/ Footpaths /Bridges	c. Health Clinics/ Dispensaries	d. Other Facilities (market centers, cattle dips, libraries, meeting halls, or any other)
7. Have households in this village been given any targets for contributions for the construction, improvement and maintenance of [ITEM] in the last 12 months? This could be money contribution, labor or in-kind contributions.				
8. What was the total target for your household for all collections for the construction, improvement and maintenance of [ITEM] in the last 12 months?				
9. Have any members of your household contributed money, labor or in-kind to the construction, maintenance or improvement of any [ITEM] in the last 12 months? <i>If YES, continue. If NO, go to next column.</i>				
10. How much money in total have members of your household contributed towards targets for any [ITEM] in the last 12 months?				
11. Were there any harambees for [ITEM] that your household participated in in the past 12 months?				
12. How many harambees for [ITEM] did your household participate in in the last 12 months?				
13. How much in total did your household contribute in cash and/or materials (in-kind) to harambees for [ITEM] in the last 12 months?				
14. Did your household provide any extra labor for any of these harambees for [ITEM] in the last 12 months?				
15. How many hours of extra labor did your household provide in total for these harambees for [ITEM] in the last 12 months?				

16. Did you make any other contributions in terms of money, labor or in-kind to the construction, maintenance or improvement of any [ITEM] in the last 12 months? Select all that apply.				
17a. How much money did your household contribute to [ITEM] in the last 12 months? (KSh)				
17b. How many hours did members of your household work on [ITEM] in the last 12 months?				
17c. What is the value of your household's in-kind contribution to [ITEM] in the last 12 months? (KSH) BY in-kind contribution, we mean contribution of materials. Please estimate the value of the materials in KSH.				

18. Have you contributed to any other harambees in the past 12 months? Do not include harambees for water points, feeder roads, health clinics/dispensaries, or other public facilities that we have already discussed. (1=Yes, 2=No)

If YES, continue. If NO, skip to question 21.

18a. How many harambees have you contributed to in the past 12 months?

18b. What was these harambees for? *Select all that apply*

School fees (not own child's - this should be captured in earlier sections) School facilities and development Church

Wedding Bereavement Other (specify): _____

For each type of harambee selected, fill in the following table:

Harambee Category	19. Amount contributed
School fees (not own child's - this should be captured in earlier sections)	
School facilities and development	
Church	
Wedding	
Bereavement	
Other (specify): _____	

20 In the past 12 months, did you make any contributions in money or labor to a church, mosque or other religious group? Do not include any contributions via harambees that have already been captured in the previous question. (1=Yes, 2=No)

If YES, continue. If NO, skip to question 22.

20a. How much money did you contribute in the last 12 months? _____ | KSh

20b. How many hours did you work on projects for this religious group in the last year? **If did not work any hours, please enter 0. If unsure, FR may estimate. If FR does not know, enter 99. 98=Refuse.**

|_____| hours

21. In the past 12 months, did you make any other contributions that we have not yet asked about? (1=Yes, 2=No) |____|

If YES, continue. If NO, skip to question 23.

22a. How many other projects/causes have you contributed to? |____|

22b. What was the contribution for, and how much did you contribute?

i. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

ii. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

iii. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

v. Amount of any additional contributions: |_____|

There is no question 23.

24. In the last 12 months, did you pay any other taxes, fees or fines to the village elder, assistant chief or chief? Do not include contributions towards targets that have already been discussed.

(1=Yes, 2=No) |____|

If YES, continue. If NO, skip to question 24.

25a. How much did you pay in other taxes or fees in the past 12 months? (Ksh) |_____|

25b. How much did you pay in fines in the past 12 months? (Ksh) |_____|

26. In the last year, have you worked on any community projects at the direction of a village elder, assistant chief, chief or other local authority? (1=Yes, 2=No) |____|

If YES, continue. If NO, skip to Section 11.

27a. How many hours of work did you put into these projects in the last 12 months? |____|

27b. Was this for a public facility/infrastructure that we already asked you about? (1=Yes, 2=No) |____|

READ: Now I would like to ask if you have been the victim of a crime or an attempted crime during the past 12 months.

	Q: During the last 12 months... (1=Yes, 2=No) iF YES, continue. If NO, go to next row	(a) How many times?	(b) Did you report the crime to the police or a liguru? (1=Yes, 2=No)
28. ... has someone stolen or attempted to steal any livestock from you?	_	_	_
29. ... has someone stolen or attempted to steal any household items?	_	_	_
30. ... has someone stolen or attempted to steal any cash from you?	_	_	_
31. has someone assaulted you without a weapon?	_	_	_
32. ... has someone assaulted you using a weapon (such as a club, machete or gun)?	_	_	_
33. ... have you been the victim of arson?	_	_	_
34. ... have you been the victim of witchcraft?	_	_	_
35. ... have you been the victim of any other crime or attempted crime? If YES: Describe other crime:	_	_	_

36. In the last 12 months, have you been somewhat worried about, very worried about, or not very worried about crime and safety in your neighbourhood? (1=somewhat worried, 2=very worried, 0=not very worried) |_|

SECTION 11. Health and Nutrition

The questions in this section and the next section are more personal. Please try to ensure the privacy of the FR.

Read: Now I would like to ask you some questions about your health and nutrition. Please remember that you do not have to answer any questions you do not want to.

1. How many meals did you eat yesterday? Chai (tea) itself is not to be considered as a meal.

If ZERO, skip to question 4.

2. How many of these meals included meat or fish? Omena (small fish) should be included, but eggs should not. (77=Refuse to answer)

3. How many of these meals included eggs? (-88=Refuse to answer, -99= DK)

4. How would you rate your appetite over the last 7 DAYS? **Read responses aloud.**

 (1=Very strong; 2= Somewhat strong; 3=Average; 4=Weak; 5=Very weak, not hungry at all, DON'T READ: -88=Refuse to answer)

5. In the last 7 DAYS, have you smoked any cigarettes? (1=Yes, 2=No)

6. In the last 7 DAYS, how many alcoholic drinks have you had? **If FR is unsure, ask him / her to estimate. Here we mean number of units (bottles, glasses, etc.) in total.** (-99=DK)

7. During the last 4 weeks, how many days of work or housework or school did you miss due to poor health? (0=None, -88=N/A)

8. Would you describe your general health as very good, somewhat good, or not good? (1=Very Good, 2=Somewhat good, 3=Not good, DON'T READ: -88=Refuse to answer)
If 2 or 3, continue. OTHERWISE, skip to Section 13.

9. Would you describe your general health as good, fair, poor, or very poor? (1= Good, 2=Fair, 3=Poor, 4=Very poor, DON'T READ: -88=Refuse to answer)

	In the last 7 DAYS, how many days have ADULTS in your household...	In the last 7 DAYS, how many days have CHILDREN (<14) in your household...
10. ...gone to bed hungry?	a. <input type="text"/>	b. <input type="text"/>
11.skipped meals or cut the amount of meals?	a. <input type="text"/>	b. <input type="text"/>
12.gone entire days without food?	a. <input type="text"/>	b. <input type="text"/>

13. I am going to read to you a list of illnesses and symptoms. Please let me know if you have experienced any of these illnesses or symptoms in the last four weeks. Read options. Indicate all that apply. (1=Yes, 2=No, 3=DK what that symptom / illness is)			
(A) Fever	_	(M) Malaria	_
(B) Persistent cough	_	(N) Typhoid	_
(C) Always feeling tired	_	(O) Tuberculosis	_
(D) Stomach pain	_	(P) Sores or ulcers on the genitals	_
(E) Worms	_	(Q) Cholera	_
(F) Blood in stool	_	(R) Yellow fever	_
(G) Rapid weight loss	_	(S) Asthma / breathlessness at night	_
(H) Frequent diarrhea	_	(T) Frequent and excessive urination	_
(I) Skin rash or irritation	_	(U) Constant thirst / increased drinking of fluids	_
(J) Open sores / boils	_	(V) Diabetes	_
(K) Difficulty Swallowing	_	(W) Men only: Unusual discharge from the tip of the penis.	_
(L) Serious wound or injury	_	(X) High blood pressure / hypertension	_
		(Y) Other (specify): _____	_

14. During the last <u>4 weeks</u> , how many visits to a hospital or clinic did you make? Only include visits for the FR's own medical care, not that of a family member or friend. If ZERO, skip to question 9b.	_
14a. Were your visits to 1=private hospitals / clinics, 2=public hospitals / clinics, 3=both?	_
IF BOTH: 14b. How many of these visits were to public hospitals / clinics?	_
14c. In how many of these visits were you admitted to the hospital?	_
15a. During the last <u>4 weeks</u> , how much did you pay in total (in cash or kind) for hospital / clinic medical care (not including medicines)? Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero shillings.	a. _____ ai. _ Oth: _____
15ai. List currency if not Ksh. Use G12 codes.	
15b. During the last <u>4 weeks</u> , how much did you pay in total (in cash or kind) for modern medicines to treat a health problem? Do not include medicines for others; include medicines purchased for you by a family member or friend but not those provided free by the govt. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero shillings.	b. _____ bi. _ Oth: _____
15bi. List currency if not Ksh. Use G12 codes.	
15c. During the last <u>4 weeks</u> , how much did you pay in total (in cash or kind) for traditional medicines to treat a health problem? Do not include medicines for others; include medicines purchased for you by a family member or friend but not those provided free by the govt.	c. _____ ci. _ Oth: _____
15ci. List currency if not Ksh. Use G12 codes.	
16. During the last <u>12 months</u> , have you taken any drugs for worm infections	_

or schistosomiasis? (1=Yes, 2=No)	
17. Did you sleep under a bednet last night? (1=Yes, 2=No)	

18. Have you experienced any major health problems that seriously affected your life or work, since [BASELINE DATE]?
(1=Yes, 2=No) | |

If YES, fill in the table starting at question 19, beginning with the most important problem. If NO, skip to question 23.

READ: I am now going to ask about your health problems since \${BL_date}, starting with your most recent. If more than 3, please only talk about your three most recent health problems.

Fill in the table by proceeding across for question 19 and then down each column.

	(A) Problem #1	(B) Problem #2	(C) Problem #3
19. What sort of health problem was this? Use H1 codes	 Other: _____	 Other: _____	 Other: _____
20. In what year did this health problem begin?			
21. Has this health problem been resolved? (1=Yes, 2=No, but taking medication/receiving treatment, 3=No, but sought treatment, 4=No, unresolved and have not sought treatment) If 1, continue. If 2 or 3, go to question 21b. Otherwise go to question 22.			
21a. When was this health problem resolved? Please select the month and year	/ 		
21b. When did you first receive treatment for this health problem? Please select the month and year	/ 		
22. What impact has this health problem had on your life? Use H2 codes. List up to 3.	 Other: _____	 Other: _____	 Other: _____

If another health problem was entered for question 16, fill in the next column. If not, proceed to question 23.

23. Can you dress yourself easily, with difficulty, or not at all?
(1=Easily, 2=With difficulty, 3=Not at all) | |

24. If you had to walk for 1 hour, could you do it easily, with difficulty, or not at all?
(1=Easily, 2=With difficulty, 3=Not at all) | |

25. If you had to walk for 15 minutes carrying a 20-liter jerrycan of water, could you do it easily, with difficulty, or not at all? (1=Easily, 2=With difficulty, 3=Not at all) | |

Section 12: Consumption/Expenditure

Read: Now I would like to ask you questions about how your household spent money in the past few months, regardless of which person made them. Please exclude from your answer any food purchased for processing, livestock consumption, or resale in a household enterprise.

First, I would like to ask you some questions about food consumption that you eat at home.

FO: Do not read. Note that you will be asking total consumption questions second after the detailed questions about items. Categories are denoted in bold. Enter zero if none are consumed. DK=-99

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS		
[FOOD]		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months? 1=YES 2=NO	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.	Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if "0" → Q7	Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS	Q7. How many months in the past 12 months did your household purchase [FOOD]? if "0" → Q9	Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS	Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	UNIT	AMT	MONTHS	UNIT	AMT
<i>Cereals Detail</i>															
C1	Rice				1										
C2	Wheat flour				2										
C3	Breads, biscuits, cakes				3										

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS			
		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if “0” → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? if “0” → Q9	Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
[FOOD]			1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT		
1	Cereals <i>List: rice, maize, all grains and flours, oats, pasta, biscuits and cakes, bread. Include grains used for food or alcohol.</i>															
<i>Roots and Tubers Details</i>																
C4	Irish potato				4											

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? IF “0” → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? IF “0” → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
	[FOOD]		1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
2	Roots and tubers <i>Irish potatoes, sweet potatoes, cassava, cassava flour, yams, arrow root, crisps.</i>																
<i>Pulses Details</i>																	
C5	Green grams				5												
C6	Beans				6												
3	Pulses <i>Beans, grams, black grams, peas, groundnut, cowpea</i>																

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
[FOOD]		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months? 1=YES 2=NO	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? IF "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? IF "0" → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
					UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
<i>Vegetables Details</i>																	
C7	Tomatoes				7												
C8	Onions				8												
C9	Kales				9												
C10	Cabbage				10												
4	Vegetables Cowpea leaves, Tomatoes, Onions, Kales, Cabbage, Mrenda, (Local Vegetable), Saka (Local Vegetable)																

				PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS					
[FOOD]		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? If "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? If "0" → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
			1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
<i>Meat Details</i>																	
C11	Chicken, duck, poultry'																
C12	Beef			12													
5.	Meat Beef, pork, bacon, mutton/lamb, goat, chicken, camel																
6.	Fish includes fresh, dried, frozen, smoked, omena																
<i>Dairy products and Eggs Details</i>																	
C13	Eggs			13													

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if “0” → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? if “0” → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
	[FOOD]		1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS			UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT	
7.	Dairy products and eggs <i>Milk (fresh, condensed), mala, yoghurt, cream, cheese, eggs</i>																
8.	Other animal products <i>Offals/Matum bo (kidney, liver, etc.), Sausages, Ham/Salami. Corned beef</i>																
<i>Oils and Fats Details</i>																	
C14	Cooking fat			14													

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if “0” → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? if “0” → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
[FOOD]			1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
9.	Oils and Fats Butter, Ghee, Margarine, Cooking fat, Cooking oi, Lard (Animal fat, Peanut butter)																
<i>Fruits Details</i>																	
C15	Avocado			15													
C16	Bananas			16													
C17	Orange, other citrus			17													
C18	Mango			18													
C19	Plantains			19													

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months? 1=YES 2=NO	Q3. Has your household grown or produced [FOOD] during the past 12 months? 1=YES 2=NO IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? if "0" → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
[FOOD]					UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
C20	Pineapple			20													
C21	Water melon			21													

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS			
		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? if "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? if "0" → Q9	Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
[FOOD]			1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT		
10	Fruits <i>Ripe bananas, cooking bananas, oranges, pawpaws, avocado, mangos, pineapples, passion fruit, pears, plums, apples, lemons, grapefruit, strawberries, other berries, melons, grapes, coconuts, jackfruit</i>															

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
[FOOD]		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months?	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? If "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? If "0" → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
			1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
<i>Sugar Products Detail</i>																	
C22	Sugar			22													
11	Sugar products <i>Sugar, sugar cane, jaggery, icing sugar</i>																
12	Jam, honey, sweets, candies <i>Jam, marmelade, honey, chocolate, sweets, chewing gum, candy</i>																
<i>Non-Alcoholic Drinks Details</i>																	

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
	[FOOD]	Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2. Has your household consumed [FOOD] during the past 12 months? 1=YES 2=NO	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? IF "0" → Q7			Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7. How many months in the past 12 months did your household purchase [FOOD]? IF "0" → Q9		Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
					UNIT	AMT	MONTHS	UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT			
C23	Tea, coffee			23													
13	Non-alcoholic drinks <i>Preserved fruit juice, tea, coffee, soda, soya drink, health drink, drinking chocolate, mineral water</i>																
14	Alcoholic drinks <i>Spirits, wine, beer, brews (busaa, changaa), cider</i>																

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS							
[FOOD]		Q1: What was the amount of [CAT.] consumed in the past 7 days? <i>Read list of category and calculate total.</i>	Q2. Has your household consumed [FOOD] during the past 12 months? 1=YES 2=NO	Q3. Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4. How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.	UNIT	AMT	Q5. During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? If "0" → Q7	MONTHS	Q6. During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS	UNIT	AMT	Q7. How many months in the past 12 months did your household purchase [FOOD]? If "0" → Q9	MONTHS	Q8. How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS	UNIT	AMT	Q9. What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months? PROMPT FOR SHILLINGS	UNIT	AMT
15	Tobacco, cigarettes, bhang, snuff, khatt, miraa																			
16	Salt, pepper, spices and condiments																			
17	Food eaten outside the house vendor food, kiosk food, hotel/restaurant food, care/takeaway																			

					PURCHASES IN LAST 7 DAYS		HOME PRODUCTION			MARKET PURCHASES			GIFTS				
		Q1: What was the amount of [CAT.] consumed in the past 7 days? Read list of category and calculate total.	Q2: Has your household consumed [FOOD] during the past 12 months?	Q3: Has your household grown or produced [FOOD] during the past 12 months? IF Q2 = 2 SKIP TO NEXT ITEM	Q4: How much [FOOD] have the members of your household purchased in the last 7 days? PROMPT FOR SHILLINGS IF Q3 = 2 → Q6.		Q5: During the last 12 months how many months was your household consuming [FOOD] that your household grew or produced? IF "0" → Q7			Q6: During these months that your household grew or produced [FOOD], how much did your household consume in a typical week? PROMPT FOR SHILLINGS		Q7: How many months in the past 12 months did your household purchase [FOOD]? IF "0" → Q9		Q8: How much does your household usually spend on [FOOD] in a typical week of the months that your household purchases [FOOD]? PROMPT FOR SHILLINGS		Q9: What is the total amount of the [FOOD] consumed that your household received as a gift in the past 12 months?	
	[FOOD]		1=YES 2=NO	1=YES 2=NO	UNIT	AMT	MONTHS			UNIT	AMT	MONTHS	UNIT	AMT	UNIT	AMT	
18	Other foods tinned beans or pulses, soups, tinned fish, baby food																

UNIT CODES

- 1=KENYAN SHILLINGS
- 2=KILO
- 3=GRAM
- 4=GOROGORO-2KG
- 5=DEBE-20KG
- 6=GUNIA-90KG
- 7=LITRE
- 8=300ML
- 9= 500ML
- 10=700ML
- 11=KASUKU-1KG

- 12=KASUKU-2KG
- 13=JERRY CAN/DUMU-20L
- 14=NUMBER
- 15=PACK/PACKET
- 16=BUNDLE
- 17=OTHER (DESCRIBE)
- 18=UGANDAN SHILLINGS

FO NOTE: The following questions ask about spending in the past one month.

ITEM	In the past one month, how much did your household spend on [ITEM] in total? (KSH) <i>Enter zero if none are consumed. DK=-99</i>
19. Airtime, other phone expenses	
20. Internet	
21. Petrol, tolls, transport such as taxi/bus/matatu/boda/piki/train/flight fare, hotel stays (NOT including medical reasons)	
22. Lottery tickets/gambling	
23. Clothing and shoes	
24. Recreation/entertainment such as books/magazines, music/CDs, videos, tickets to any entertainment	
25. Personal items (hair cuts, toiletries, cosmetics, combs, soap)	
26. Household items (soap, cleaning agents, toilet paper/tissues, air freshener, shoe polish, insecticide, matches, candles)	
27. Firewood, charcoal and kerosene	
28. Electricity	
29. Water	

FO NOTE: The following questions ask about spending in the past 12 months.

ITEM	In the past 12 months, how much did your household spend on [ITEM] in total (KSH)?
30. House rent/mortgage	_____
31. Fixing home damage or doing essential maintenance (e.g. fixing a leaking roof)	_____
32. Improving or expanding the home	_____
33. Religious expenses or other ceremonies (excluding weddings and funerals)	_____
34. Charitable donations	_____
35. Weddings, Funerals (including outside their household if contributed to their costs)	_____
36. Medical expenses, (including consultation fees, medicines, hospital costs, lab test costs, ambulance costs, and related transport)	_____
37. Household durables FO: Read list below, calculate total 1 Furniture 2 Cutlery, pots, pans, plates 3 Lamps 4 Kitchen equipment 5 Vases and mirrors	_____
38. Dowry/bride price	_____

39. In the past 12 months, did your household spend any money on other expenses greater than KSH 1000? (1=Yes, 2=No) |_____|

If YES, continue. If NO, skip to question 40.

39a. Please specify this other expense: _____

39b. How much did you spend on these other expenses in total in the last 12 months? (KSH) |_____|

Read: Now I'd like to ask you about your household's recent spending.

40. How much money did people in your household spend yesterday? (KSH) |_____|

41. How much money did people in your household spend in the last week? (KSH) |_____|

42. Have you made any major purchase recently? (1=Yes, 2=No) |_____|

If YES, continue. If NO, skip to section 13.

42a. What was the last major purchase you made?

42b. How much did it cost? (KSH) |_____|

SECTION 13: Attitudes

Read: I am now going to ask you about your opinions on a few statements, and I'd like you to tell me whether you agree or disagree with them.

FO NOTE: For the rest of the questions in part A of this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations. If the FR has trouble understanding the statement, please re-read but do not try to explain the question in a different manner.

Possible responses for the following questions are:

1=Completely agree; 2=Agree somewhat; 3=Disagree somewhat; 4=Completely disagree.

Do not read: 5=Neutral, -99=DK

- | | |
|--|----------------------|
| 1. The government should take measures to reduce differences in income levels. | <input type="text"/> |
| 2. Local leaders (chiefs, assistant chiefs and village elders) should take measures to reduce differences in income levels within the village. | <input type="text"/> |

Read: For each of the following pairs of statements, tell me which statement is closest to your view. Choose Statement A or Statement B.

Possible responses:

1=Agree very strongly with A

2=Agree with A

3=Agree with B

4=Agree very strongly with B

DO NOT READ Option 5 or DK:

5=Agree with neither

99=DK

3. A. All households in a community should pay equal amounts for items that benefit the whole community.
B. Households that are able to pay more should pay more for goods that benefit the whole community.

Probe: Do you agree very strongly?

Read: How would you place your views on this scale? 1 means you agree completely with the first statement; 10 means you agree completely with the second statement; and if your views fall somewhere in between, you can choose any number in between. **DO NOT READ THE FOLLOWING OPTIONS: -99=DK, -88=Refuse**

4. Some people believe that people's incomes should be made more equal, while other believe that income differences are needed as an incentive for individual effort. Please tell me which comes closest to your view on this scale where 1 means "incomes should be made more equal" and 10 means "income differences should be larger as an incentive for individual effort".

1 2 3 4 5 6 7 8 9 10

5. Some people believe that the government should take more responsibility to ensure that everyone is provided for, while other believe that individuals should take more responsibility themselves to ensure that everyone is provided for. Please tell me which comes closest to

your view on this scale where 1 means “government should take more responsibility to ensure that everyone is provided for” and 10 means “individuals should take more responsibility to ensure that everyone is provided for”.

1 2 3 4 5 6 7 8 9 10

6. Some people believe that the communities should take more responsibility to ensure that everyone is provided for, while other believe that individuals should take more responsibility themselves to ensure that everyone is provided for. Please tell me which comes closest to your view on this scale where 1 means “communities should take more responsibility to ensure that everyone is provided for” and 10 means “individuals should take more responsibility to ensure that everyone is provided for”.

1 2 3 4 5 6 7 8 9 10

7. Some people believe that people can only get rich at the expense of others, while other believe that wealth can grow so that there is enough for everyone. Please tell me which comes closest to your view on this scale where 1 means “people can only get rich at the expense of others” and 10 means “wealth can grow so that there is enough for everyone”.

1 2 3 4 5 6 7 8 9 10

Read: The following questions ask about taxes. We are interested in the amount that you think people SHOULD pay, no necessarily the amount that they actually pay or currently pay under the current system.

8a. How much do you think someone that earns 5,000 Ksh per month should pay in total taxes per month?

|_____| Ksh per month

8b. And what about someone that earns 10,000 Ksh per month should pay in total taxes?

|_____| Ksh per month

8c. And what about someone that earns 20,000 Ksh per month?

|_____| Ksh per month

8d. And what about someone that earns 40,000 Ksh per month?

|_____| Ksh per month

Read: In the next section, I want to know your feelings about education and health care. I will read some sentences and then ask you whether you agree or disagree with them.

Possible responses for the following questions are:

1=Completely agree; 2=Agree somewhat; 3=Disagree somewhat; 4=Completely disagree.

9.	Children learn a lot more in private primary schools than in public primary schools today. Note: This statement refers to children in general, not necessarily the FR’s own children.	__
10.	Patients get much better care in private hospitals and health clinics than in public hospitals and health clinics today.	__

Read: So far, we have been asking you about economic activities. Now, I would like to ask you about your social activities and your views on society.

	Codes	Answer
11. Generally speaking, would you say that most people can be trusted or that you need to be very careful in dealing with people?	1=Most people can be trusted 2=Need to be careful -99=DK	<input type="text"/>
12a. In general, can you trust members of your tribe?	1=Yes, 2=No, -99=DK	<input type="text"/>
12b. In general, can you trust people of other tribes?	1=Yes, 2=No, -99=DK	<input type="text"/>
13a. In general, can you trust people of your church / mosque? If 88, skip to question 7.	1=Yes, 2=No, -99=DK, -88=Doesn't belong to a church / mosque	<input type="text"/>
13b. In general, can you trust people of other churches / mosques?	1=Yes, 2=No, -99=DK	<input type="text"/>
14a. In general, can you trust people of your own village?	1=Yes, 2=No, -99=DK	<input type="text"/>
14b. In general, can you trust people of other villages?	1=Yes, 2=No, -99=DK	<input type="text"/>

15. In the past 12 months, have you participated in any: (1=Yes, 2=No, -99=DK)
- a. political rallies (in support of a particular candidate or position)
 - b. demonstrations, mass actions or protests
 - c. discussions with friends or family about political issues
 - d. political campaigning activities

16. Will you be voting in the upcoming national elections that will be held next year? (1=Yes, 2=No, -88=Refuse)

17. Which of these three statements is closest to your own opinion?

Read statements aloud. Only one option should be chosen.

- 1 = Democracy is preferable to any other kind of government.
- 2 = In some circumstances, a non-democratic government can be preferable.
- 3 = For someone like me, it doesn't matter what kind of government we have.

18. Compared to two years ago, would you say that your own personal economic situation today is much the same, better, or worse? (1=Better, 2=Same, 3=Worse, -88=Refuses, -99=DK)

19. In two years from now, do you think your own personal economic situation will be the same, better or worse? (1=Better, 2=Same, 3=Worse, -88=Refuses to respond, -99=DK or no opinion)

20. Compared to two years ago, would you say that the performance of the county government today is much the same, better, or worse? (1=Better, 2=Same, 3=Worse, -88=Refuses, -99=DK)

21. Compared to two years ago, would you say that the performance of the national government today is much the same, better, or worse? (1=Better, 2=Same, 3=Worse, -88=Refuses, -99=DK)
22. Compared to two years ago, would you say the performance of your member of parliament today is much the same, better, or worse? (1=Better, 2=Same, 3=Worse, -88=Refuses, -99=DK)

Read: For each of the following pairs of statements, tell me which of the following statements is closest to your view about Kenyan politics? Choose Statement A or Statement B.

	Probe: Do you agree very strongly?	<input type="text"/>
23. A. Only one political party should be allowed to stand for election and hold office. B. We need multiple parties who can stand for election and hold office.	1 = Agree very strongly with A	<input type="text"/>
24. A. The use of violence is never justified in politics. B. In our country, it is sometimes necessary to use violence in support of a just cause.	2 = Agree with A 3 = Agree with B	<input type="text"/>
25. A. In our country, it's okay to pay a bribe to a government official to encourage them. B. It's wrong to pay a bribe to any government official.	4 = Agree very strongly with B	<input type="text"/>
26. A. As citizens, we should be more active in questioning the actions of our leaders. B. In our country these days, we should show more respect for authority.	DO NOT READ Option 5 5 = Agree with neither -99 = Don't know	<input type="text"/>

Read: Remember that this survey is confidential and that the information will be used for research purposes only. Ensure the FR's privacy for the following question.

27. Have you ever been arrested? (1=Yes, 2=No)

There is no section 13.2

Section 13.3: Gender Attitudes

Check for presence of others. Do not continue unless privacy is ensured.

Read: Now I would like to ask you questions about some other important aspects of a man and woman's life. I know that these questions are very personal. However, your answers are crucial for helping to understand the conditions of women in Kenya. Let me assure you that your answers are completely confidential and will not be told to anyone and no one else will know that you were asked these questions. When two people live together and have a relationship, they generally share good times and bad times...

Read: Now I would like to get your opinion on some aspects of family life. Please tell me if you agree or disagree with each statement and whether you think the majority of your community agrees or disagrees with each statement:

Codes: 1=Agree, 2=Disagree, -98=Refuse to answer, -99=Don't Know

1. The important decisions in the family should be made only by the men of the family

1a. Respondent's Opinion. "You..." |____|

1b. Community's Opinion. "The majority of your community would..." |____|

2. The wife has the right to express her opinion even when she disagrees with what her husband is saying

2a. Respondent's Opinion. "You..." |____|

2b. Community's Opinion. "The majority of your community would..." |____|

3. A wife should tolerate being beaten by her husband in order to keep the family together.

3a. Respondent's Opinion. "You..." |____|

3b. Community's Opinion. "The majority of your community would..." |____|

4. A husband has the right to beat his wife

4a. Respondent's Opinion. "You..." |____|

4b. Community's Opinion. "The majority of your community would..." |____|

5. It is more important to send a son to school than it is to send a daughter

5a. Respondent's Opinion. "You..." |____|

5b. Community's Opinion. "The majority of your community would..." |____|

6. If a woman earns more money than her husband it is almost certain to cause problems

6a. Respondent's Opinion. "You..." |____|

6b. Community's Opinion. "The majority of your community would..." |____|

7. If a husband and wife both work full-time, they should share housework tasks equally

7a. Respondent's Opinion. "You..." |____|

7b. Community's Opinion. "The majority of your community would..." |____|

8. In your opinion and in the opinion of the majority of your community, is a husband justified in hitting, beating, insulting or yelling at his wife in the following situations:

i) If she goes out without telling him?

Respondent's Opinion. "You..." (1=Yes, 2=No, 998=Refused, 999=DK) |____|

ii) If she neglects the children?

Respondent's Opinion. "You..." (1=Yes, 2=No, 998=Refused, 999=DK) |____|

iii) If she argues with him?

Respondent's Opinion. "You..." (1=Yes, 2=No, 998=Refused, 999=DK) |____|

iv) If she refuses to have sex with him?

Respondent's Opinion. "You..." (1=Yes, 2=No, 998=Refused, 999=DK) |____|

v) If she burns the food?

Respondent's Opinion. "You..." (1=Yes, 2=No, 998=Refused, 999=DK) |____|

9. Now I would like you to think of the 10 married men in this village that live closest to you, but outside your compound. Out of these 10, how many of them do you think have beat their wives in the last 1 month? (-88=Refuse) |____|

SECTION 14. Mental Health and Well-being

Read: I will read out a list of some of the ways you may feel or behave. Please indicate how often you have felt this way during the past **week**, using the following scale:

- 1=Rarely or none of the time,
- 2=Some or a little of the time,
- 3=Occasionally or a moderate amount of time,
- 4=All of the time
- Don't read: -88=Refuse to answer

FO NOTE: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations. If the FR has trouble understanding the statement, please re-read but do not try to explain the question in a different manner.

CES-D Scale/Codes	1=Rarely or none of the time, 2=Some or a little of the time, 3=Occasionally or a moderate amount of time, 4=All of the time Don't read: -88=Refuse to answer	
1.	In the past week, I was bothered by things that usually don't bother me	_ _
2.	In the past week, I had a problem in concentration on what I was doing	_ _
3.	In the past week, I felt depressed and troubled in my mind	_ _
4.	In the past week, I felt that everything that I did took up all my energy	_ _
5.	In the past week, I felt hopeful about the future	_ _
6.	In the past week, I felt afraid	_ _
7.	In the past week, I had difficulty in sleeping peacefully	_ _
8.	In the past week, I was happy	_ _
9.	In the past week, I felt lonely	_ _
10.	In the past week, I lacked the motivation to do anything	_ _

There are no questions 11-20.

Read: Now I will ask some more questions about your feelings and opinions. Don't read: -88=Refuse to answer

- 21. Some people believe that individuals can decide their own destiny, while others think that it is impossible to escape a predetermined fate. Please tell me which comes closest to your view on this scale on which 1 means "everything in life is determined by fate" and 10 means "people shape their fate themselves." |_|_|
- 22. Generally speaking, would you say that most people can be trusted (1) or that you need to be very careful in dealing with people (2)? |_|_|
- 23. Taking all things together, would you say you are "very happy" (1), "quite happy" (2), "not very happy" (3), or "not at all happy" (4)? |_|_|
- 24. All things considered, how satisfied are you with your life as a whole these days on a scale of 1 to 10? (1=very dissatisfied...10=very satisfied) |_|_|

SECTION 15.1 Aspirations and Psychological scale

FO Note: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: "I am now going to ask you questions about your aspirations for the future."

1. What is the level of annual income you have at present? _____ | Ksh

Note: Annual income is the amount of CASH income you earn from all agricultural and non-agricultural activities, and money from any NGO or government programmes.

Ask respondent to estimate in KSH as best as they can. If he is persistent that he doesn't know, enter 999. If he doesn't understand the question, enter 995.

2. What is the level of annual income that you would like to achieve in your life? _____ | Ksh

FO Note: Add the following values from Section 6:

5a (if household owns house) + the total value of the following items from question 13 (A, B, C, D, E, F, H, I, K, L, M, N, Q, R, S, T, U, W, X, Y, Z, AA, BB, CC, DD, EE, FF, GG, HH)

Read: The value of your assets is the worth of your house, your furniture, consumer goods like a TV and fridge, any transport vehicles, and your livestock. Do not include land or property.

Your total asset value at present according to your earlier answers is total assets value calculated above | KSH

If respondent disagrees with the total asset value at present according to the earlier answers, please let him/her state a revised value of total assets at present in KSH.

3. Does the respondent disagree with the total asset value from the previous question?

(1=Yes, 2=No) _____ | **If YES, continue. If NO, skip to question 4.**

3a. What is the respondent's total asset value? _____ | Ksh

4. What is the level of assets that you would like to achieve in your life? _____ | Ksh

SECTION 15.2 MacArthur Ladder

FO Note: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Take out the ladder in the aspirations package and show to the respondent.

Read: Think of a ladder as representing where people stand in their villages. At the top of the ladder are the people who have the highest standing in their village. At the bottom are the people who have the lowest standing in their village.

Note: Ask the respondent to POINT to the rung he/she chooses. Record the number of this rung, counting carefully from the bottom rung (number 1). Note that the top rung is number 10.

11. Where would you place yourself on this ladder? |_____| (number from 1 to 10)

12. DO NOT READ THE FOLLOWING OPTIONS:999=DK, 998=Refuse, 995=Don't understand

13. What place on the ladder would you like to achieve in your life? |_____| (number from 1 to 10)

DO NOT READ THE FOLLOWING OPTIONS:999=DK, 998=Refuse, 995=Don't understand

SECTION 15.3 Beans

FO Note: Take out the 20 beans and the beans sheet in the aspirations package. Give the respondent 20 beans and the Aspirations worksheet

Read: We have asked you about income, assets, social status and education. Now I would like you to tell me which of these four are the most important. Here are 20 beans. Please distribute all the 20 beans in the 4 squares according to their importance. No bean in a square means you do not attach any importance to that square. Many beans in a square means you attach a significant importance to it.

DO NOT READ THE FOLLOWING OPTIONS:999=DK, 998=Refuse, 995=Don't understand

13a. Number of beans for "annual income" |_____|

13b. Number of beans for "assets" |_____|

13c. Number of beans for "social status" |_____|

13d. Number of beans for "education of children" |_____|

Note: Check to make sure 13a, 13b, 13c and 13d add up to 20.

SECTION 15.4 Generalized Self Efficacy

FO Note: Use Scale A in the aspirations package to read the options to the respondent.

REMINDER: For the rest of the questions in this survey, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: I am now going to read statements that may apply or not apply to you. For each item, please tell me to what extent they are true for you.

INTERVIEWER: Show the respondent scale A and ask him/her to refer to that scale for the rest of this section.

1= Not at all true, 2= Not very true, 3=Somewhat true, 4=Completely true, **DO NOT READ THE FOLLOWING OPTIONS:999=DK, 998=Refuse, 995=Don't understand**

1. I can always manage to solve difficult problems if I try hard enough |_____|

2. If someone opposes me, I can find the means and ways to get what I want. |_____|

3. It is easy for me to stick to my aims and accomplish my goals.
4. I am confident that I could deal efficiently with unexpected events.
5. Thanks to my resourcefulness, I know how to handle unforeseen situations.
6. I can solve most problems if I invest the necessary effort.
7. I can remain calm when facing difficulties because I can rely on my coping abilities
8. When I am confronted with a problem, I can usually find several solutions.
9. If I am in trouble, I can usually think of a solution.
10. I can usually handle whatever comes my way.

SECTION 15.5 Locus of Control

FO Note: **Use Scale B in the aspirations package to read the options to the respondent.**

For the rest of the questions in this survey, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: I will now ask you questions about what you feel determines your life.

1=Disagree strongly, 2=Disagree a little, 3=Agree a little, 4=Agree strongly, **DO NOT READ THE FOLLOWING OPTIONS:999=DK, 998=Refuse, 995=Don't understand**

1. To a great extent my life is controlled by accidental happenings.
2. Often there is no chance of protecting my personal interests from bad luck happenings.
3. When I get what I want, it's usually because I'm lucky.
4. I have often found that what is going to happen will happen.
5. It's not always wise for me to plan too far ahead because many things turn out to be a matter of good or bad fortune.

Section 15.6 Hope

INTERVIEWER: PLEASE LISTEN CAREFULLY TO THE FOLLOWING ITEMS.
USING THE FOLLOWING SCALE, PLEASE SELECT THE NUMBER THAT BEST DESCRIBES YOU.

Refer to the following scale for the rest of this section.

- 1 = False
- 2 = Mostly false
- 3 = Mostly true

4 = True

-98 = Refuse to answer (Don't Read)

-99 = Don't know (Don't Read)

1. I can think of many ways to get out of my difficult situations
2. I tirelessly put much effort to achieve my goals
3. There are lots of ways around any problem.
4. I can think of many ways to get the things in life that are most important to me
5. Even when others get discouraged by challenges, I believe I can face such challenges
6. The lessons I have learnt in the past have prepared me well for my future.
7. I have been successful in my life
8. I always accomplish all my goals.

Section 15.7 Perceived Stress Scale

SAY: "Next, I would like to ask you about your feelings and thoughts during the last month."

Refer to the following scale for the rest of this section.

1= Never

2 = Almost never

3 = Sometimes

4 = Fairly often

5 = Very often

-98 = Refuse to answer

9. In the last 30 days, how often have you felt that you were unable to control the important things in your life?
10. In the last 30 days, how often have you felt certain in your ability to overcome your own personal problems
11. In the last 30 days, how often have you felt that things were going your way?
12. In the last 30 days, how often did you feel that the problems were too much for you to manage

SECTION 16.1 Migration

There is no question 1.

2. Since [BASELINE DATE], have you lived in any other ADMINISTRATIVE LOCATION than where you live now for more than four months? (1=Yes, 2=No)

If YES, continue. If NO, skip to question 9.

3. Where were you living in [BASELINE DATE]?

3a. Country? **Use G1 codes** Other: _____

3b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For FRs living in Uganda, ask for "district" rather than "county". Use G2a codes.** Other: _____

3c. *If "77=FR DK county", ask: 2010 District? Use G2b codes.*

Other: _____

If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a comment below.

3d. Town / City? *Use G3a codes. Code 20=Lives in a rural area.*

Other: _____

If 20=LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 3g.

3e. Location? *For FRs living in Uganda, ask for "county" rather than "location".*

Use G3b codes. Other: _____

3f. Sub-location? *For FRs living in Uganda, ask for "sub-county" rather than "sub-*

location". Use G3c codes. Other: _____

3g. Village / Neighborhood? *Write.* (-99=DK)

For the following table: Fill down each column, then across. If the FR moved away and then later moved back to a previous residence, this is still considered a migration and should be recorded in the table.

			Residence #1	Residence #2	Residence #3	Residence #4	Residence #5
4. Where did you move immediately after living in [-]? Start with the [BASELINE DATE] location.	a) Country? Use G1 codes		□□	□□	□□	□□	□□
	b) County? Use G2a codes	Refer to "1992 district" if FR DK county (they are equivalent). (Uganda =district)	□□ _____	□□ _____	□□ _____	□□ _____	□□ _____
	c) <i>If 77=DK county, ask: 2010 District?</i> Use G2b codes	If FR DK 2010 District but knows an earlier district, write here and comment below.	□□ _____	□□ _____	□□ _____	□□ _____	□□ _____
	d) Town / City Use G3a codes	If NOT 20 (lives in rural area), skip to (g).	□□ _____	□□ _____	□□ _____	□□ _____	□□ _____
	e) Location? Use G3b codes	(Uganda = county)	□□ _____	□□ _____	□□ _____	□□ _____	□□ _____
	f) Sub-location? Use G3c codes	(Uganda = sub-county)	□□ _____	□□ _____	□□ _____	□□ _____	□□ _____
	g) Village / Neighborhood		_____ _____	_____ _____	_____ _____	_____ _____	_____ _____
5. When did you arrive at this place?	(MM/YYYY)		□□/□□□□ □□□□	□□/□□□□ □□□□	□□/□□□□ □□□□	□□/□□□□ □□□□	□□/□□□□ □□□□
6. Why did you move to this place?	Use G5 codes List up to 3 reasons.		□□□□ _____	□□□□ _____	□□□□ _____	□□□□ _____	□□□□ _____

			Residence #1	Residence #2	Residence #3	Residence #4	Residence #5
7. When you moved, whom did you live with in this place?	Use G4 codes	List up to 3 persons.	<input type="text"/> <input type="text"/> <input type="text"/> _____				
8. After living here, did you live in any other administrative Location for at least four months?	(1=Yes, 2=No)	If YES, continue to next column. If NO, go to question 9.	<input type="text"/>				

Confirm that the last reported residence listed in this table matches the current residence listed in Section 3 of this survey. If not, probe the FR further about their migration history.

9. How long do you think you will live in your current residence? (Unit: 1=days, 2=months, 3=years, 88=always) Number: Unit:
If response is "always", number should be "88". If DK, number and unit should be "99". If the FR is in boarding school, ask them to consider how long they will live where they are currently staying for boarding school. For FRs who are live-in house help or live-in guards, ask them how long they will remain living at their employer's home.

	Transfer relation #1	Transfer relation #2	Transfer relation #3	Transfer relation #4
3. Was it money or goods that your household received? (1=Money,2=Goods,3=Both) If MONEY, ask questions 3a – 3b. If GOODS, ask questions 3c – 3d. If BOTH, ask questions 3a – 3d. Do not include transport or Mpesa fees. 3a. What was the amount of the most recent <u>cash</u> transfer? (99=D/K) 3b. How were the funds transferred? Use T2 codes 3c. What was the value of most recent transfer of <u>goods</u> ? 3d. What goods were given to you? List. 3e. List currency of responses if not Ksh. Use G12 codes.	<input type="text"/> a. KSh _____ <input type="text"/> b. _____ <input type="text"/> c. KSh _____ <input type="text"/> d. _____ <input type="text"/> e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ <input type="text"/> b. _____ <input type="text"/> c. KSh _____ <input type="text"/> d. _____ <input type="text"/> e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ <input type="text"/> b. _____ <input type="text"/> c. KSh _____ <input type="text"/> d. _____ <input type="text"/> e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ <input type="text"/> b. _____ <input type="text"/> c. KSh _____ <input type="text"/> d. _____ <input type="text"/> e. <input type="text"/> Other: _____
4. Where does this sender live?				
4a. Country: Use G1 codes	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4b. County: Refer to “1992 district” if FR does not know county (1992 district and county are equivalent). For senders in Uganda, ask for “district” rather than “county”. Use G2a codes. If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 4d.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4c. 2010 District: If FR doesn’t know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4d. Town / city? Use G3a codes. Code 20=Lives in a rural area. If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 5.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4e. Location? For senders in Uganda, ask for “county” rather than “location”. Use G3b codes.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4f. Sub-location? For senders in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4h. Village / Neighborhood?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. What was the main use of the most recent transfer of <u>money or goods</u> ? List all that apply, up to 3 selections. Use T1 codes.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Transfer relation #1	Transfer relation #2	Transfer relation #3	Transfer relation #4
6a. What was the <u>total value</u> of all transfers in this relationship during the last 12 months? (If goods were sent, think how much it would cost to buy them.) Do not include transport or Mpesa fees.	a.Ksh _____ b. _____ Other: _____	b.Ksh _____ b. _____ Other: _____	c.Ksh _____ b. _____ Other: _____	d.Ksh _____ b. _____ Other: _____
6b. List currency if not Ksh. Use G12 codes.				
7. To your knowledge, have you or anyone in your household <u>ever</u> given this person a transfer in the past? (1=Yes, 2=No) Only use-99=DK if FR feels they would not be aware of any transfers made. If they would be aware but haven't heard of any transfers, that's a NO.	_____	_____	_____	_____

If ANOTHER TRANSFER was entered, return to question 3 and fill in the next column. If NOT, continue.

If MORE THAN 4 RECEIVING TRANSFER RELATIONSHIPS, continue to question 8. OTHERWISE, skip to question 10.

8. How many total individuals or groups of individuals did you and your household receive money from in the last 12 months? **Note that we want the total number of transfer relationships here, not the number of people (i.e., if the FR received money from an aunt and uncle who live together in the same household, that counts as 1 relationship rather than 2 relationships).** |_____| individuals or groups

9. What is the total amount (including all cash transfers and the total value of transferred goods) that your household received from persons outside the household during the past 12 months, including the transfers above as well as any other transfers?
Amount: |_____| Currency if NOT Ksh (**use G12 codes**) |_____| Other: _____

9a. How many additional friends or relatives did you ask for money in the last 12 months, that did NOT send money to you? |_____|

Transfers Sent

FO: Please probe well on this question. We want ALL transfers, not just gifts.

10. Did anyone in this household give or send money or goods to someone outside the household in the last 12 months? (1=Yes, 2=No) |_____| **If YES, continue to question 11. If NO, skip to question 19.**

For the next set of questions, please group together transfers that come from the same sender and are meant for the same receiver (or individuals in the same household), in one "transfer relationship." If there are more than 4 transfer relationships, list only the ones that provided the largest amount of money or goods.

Read: Consider the [1st / 2nd / 3rd / ...] relationship in which your household sent a gift of money or goods to someone outside the household in the past 12 months. **Fill in the table by proceeding across for Question 11 and then down each column.**

	Transfer relation #1	Transfer relation #2	Transfer relation #3	Transfer relation #4
11. What is your relationship to the receiving household head? Use G4 codes Note: Use household head, not receiving individual. For instance, if the receiving household head is the FR's mother, select the code for "mother". (39=Group of people)	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____
11a. How old is the receiving household head? If don't know, please estimate. (999=DK)	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____
12. Was it money or goods that your household sent? (1=Money, 2=Goods, 3=Both) If MONEY, ask questions 12a – 12b. If GOODS, ask questions 12c – 12d. If BOTH, ask questions 12a – 12d. Do not include here transport or Mpesa fees. 12a. What was the amount of the most recent <u>cash</u> transfer? (88=N/A) 12b. How were the funds transferred? Use T2 codes 12c. What was the value of most recent transfer of <u>goods</u> ? 12d. What were the goods that you sent? List all. 12e. List currency if not Ksh. Use G12 codes.	<input type="text"/> a. KSh _____ b. <input type="text"/> _____ c. KSh _____ d. _____ e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ b. <input type="text"/> _____ c. KSh _____ d. _____ e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ b. <input type="text"/> _____ c. KSh _____ d. _____ e. <input type="text"/> Other: _____	<input type="text"/> a. KSh _____ b. <input type="text"/> _____ c. KSh _____ d. _____ e. <input type="text"/> Other: _____
13. Where does the recipient live?				
13a. Country: Use G1 codes	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____
13b. County: Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For senders in Uganda, ask for "district" rather than "county". Use G2a codes. If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 13d.	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____
13c. 2010 District: If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____
13d. Town / city? Use G3a codes. Code 20=Lives in a rural area. If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____	<input type="text"/> _____

	Transfer relation #1	Transfer relation #2	Transfer relation #3	Transfer relation #4
14.				
13e. Location? <i>For senders in Uganda, ask for “county” rather than “location”. Use G3b codes.</i>	____ ____	____ ____	____ ____	____ ____
13f. Sub-location? <i>For senders in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.</i>	____ ____	____ ____	____ ____	____ ____
14. What was the main use of the most recent transfer of <u>money or goods</u> ? <i>List all that apply, up to 3 selections. Use T1 codes. (-99=DK)</i>	____ ____ ____	____ ____ ____	____ ____ ____	____ ____ ____
15a. What was the <u>total value</u> of all transfers in this relationship during the last 12 months? (if goods were sent, think how much it would cost to buy them). <i>Do not include here transport or MPESA fees.</i>	a. KSh ____ ____ b. ____ Other: _____	a. KSh ____ ____ b. ____ Other: _____	a. KSh ____ ____ b. ____ Other: _____	a. KSh ____ ____ b. ____ Other: _____
15b. <i>List currency if not Ksh. Use G12 codes.</i>	_____	_____	_____	_____
16. Have you ever received a transfer from this person in the past? (1=Yes, 2=No)	____	____	____	____

If ANOTHER TRANSFER was entered, return to question 12 and fill in the next column. If NOT, continue.

If MORE THAN 4 SENDING TRANSFER RELATIONSHIPS, ask question 17. If not, skip to question 19.

17. How many total individuals did you send money to in the last 12 months? ***Note that we want the total number of transfer relationships here, not the number of people (i.e., if the FR sent money to an aunt and uncle who live together in the same household, that counts as 1 relationship rather than 2 relationships).*** ____| individuals

18. What is the total amount (including all cash transfers and the total value of transferred goods) that your household sent to persons outside the household during the past 12 months, including the transfers above as well as any other transfers?
Amount: ____| Currency if NOT Ksh (***use G12 codes***) ____| Other: _____

19. How many additional friends or relatives asked you for money in the last 12 months, that you did NOT send money to? ____|

Section 17.1: Time Use: Activities in the Past 24 Hours

Read: I would now like to ask about your activities during the past 24 hours starting with yesterday at 6am up until this morning at 6am. For each half hour, you should tell me what you did during that half hour. If you had several activities, please let me know the main activity.

Activity Codes:

<p>Personal, Family, and Social 1 = Sleep 2 = Eat 3 = Bathe, dress 4 = Pray 5 = Other religious activity (e.g., study, group participation) 6 = Rest, watch TV, listen to radio, read book, watch movie, watch sport, sew 7 = Cook, prepare food 8 = Shop for family 9 = Clean, dust, sweep, wash dishes or clothes, ironing, other HH chores 10 = Fetch water, firewood 11 = Repairs around / on home 12 = Care for others: bathe, feed, look after children / sick / elderly 13 = Play with children, help homework 14 = Visit / entertain friends 15 = Participate in community activities / meetings / voluntary work</p>	<p>Personal, Family, and Social (cont.) 16 = Study / attend class 17 = Play sports 18 = Spend time with spouse / partner</p> <p>Work and Travel 19 = Light farm work (driving a tractor, ploughing with a tractor, pruning, bagging, hand picking, planting, shelling, sorting, bundling, fertilizing, splitting, feeding and milking animals) 20 = Heavy farm work (loading crops onto truck, pulling hand cart, digging, hoeing, ploughing with a cow, spraying, weeding, gleaning, grinding, husking, harvesting, threshing, cutting, tending and grooming animals)</p>	<p>Work and Travel (cont.) 21 = Fishing or hunting 22 = At work – office / desk work 23 = At work – light manual (non-agricultural work, such as nailing, roofing, shoemaking, tailoring, baking, doing textile factory work, sales) 24 = At work – heavy manual (non-agricultural work, such as carrying wood, cement making, sawing, digging) 25 = Improve land / buildings 26 = Travel by foot 27 = Travel by bicycle 28 = Travel by motorized means</p> <p>0 = Same activity as previous half hour</p>
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Notes:

- **If a person is performing house chores as a job (e.g. a housegirl), the activity is 23 “At work – light manual” or 24 “At work – heavy manual”.**
- **If a person is performing agricultural labor as a job, the activity is either 19 “Light farm work” or 20 “Heavy farm work”.**
- **If a person is fishing or hunting as a job, the activity is 21 “Fishing and Hunting”.**
- **If a student is on mid-day break from school, code what they are doing (e.g. eat, rest, study, or play sports).**
- **Once the respondent tells you when he/she goes to bed, ask him/her what time he/she got up and fill in the boxes accordingly**

For the past day, ask: In the past day, from ___ [start time] to ___ [end time], what were you doing?

For today, ask: Today, from ___ [start time] to ___ [end time], what were you doing?

	MORNING												AFTERNOON			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	13:00-13:30	13:30-14:00
Activity																
<i>If activity=17, specify sport If activity =22, 23 or 24, specify occup (G9 codes)</i>																

	AFTERNOON				EVENING											
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	20:00-20:30	20:30-21:00	21:00-21:30	21:30-22:00
Activity																
<i>If activity=17, specify sport If activity =22, 23 or 24, specify occup (G9 codes)</i>																

	NIGHT															
	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
	22:00-22:30	22:30-23:00	23:00-23:30	23:30-00:00	00:00-00:30	00:30-01:00	01:00-01:30	01:30-02:00	02:00-02:30	02:30-03:00	03:00-03:30	03:30-04:00	04:00-04:30	04:30-05:00	05:00-05:30	05:30-06:00
Activity																
<i>If activity=17, specify sport If activity =22, 23 or 24, specify occup (G9 codes)</i>																

Section 17.2: List Randomization Questions

List Method Question Intro: I will now ask you a question about activities you may have engaged in in the last one week. I will read out a list of activities and you have to tell me HOW MANY of those activities you engaged in in the last one week. But do NOT tell me WHICH of those activities you engaged in. Just tell me the total number. This means that neither I nor anyone else will know which of these activities you have engaged in.

FO: Only ask version indicated by randomization number.

Question 1:

Version 3 Of the following 5 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 5 you engaged in, in total.

1. Ate Ugali
2. Spent at least ONE night outside the village
3. Spent at least SIX nights inside the village
4. Talked to the village elder
5. Used a phone

|__|

Version 1 Of the following 6 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 6 you engaged in, in total.

1. Ate Ugali
2. Spent at least ONE night outside the
3. Spent at least SIX nights inside the village
4. Talked to the village elder
5. Drank alcohol
6. Used a phone

|__|

Version 2 Of the following 6 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 6 you engaged in, in total.

1. Ate Ugali
2. Spent at least ONE night outside the village
3. Spent at least SIX nights inside the village
4. Talked to the village elder
5. Smoked at least one cigarette
6. Used a phone

|__|

FO: Only ask version indicated by randomization number.

Question 2:

Version 3 Of the following 5 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 5 you engaged in, in total.

1. Used your phone to send or receive an SMS
2. Traveled to another village for work for two days or more
3. Borrowed a neighbor's tool for farm work
4. Fetched water from another household's roof more than once
5. Ate a meal in your home"

|___|

Version 1: Of the following 6 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 6 you engaged in, in total.

1. Used your phone to send or receive an SMS
2. Traveled to another village for work for two days or more
3. Borrowed a neighbor's tool for farm work
4. Have you had a conflict with your spouse that involved physical contact (e.g., pushing, slapping)
5. Fetched water from another household's roof more than once
6. Ate a meal in your home"

|___|

Version 2: Of the following 6 activities, how many have you engaged in in the last one week? You do NOT need to tell me which activities you engaged in. You only need to tell me how many of the following 6 you engaged in, in total.

1. Used your phone to send or receive an SMS
2. Traveled to another village for work for two days or more
3. Borrowed a neighbor's tool for farm work
4. Were physically forced by your spouse to have sexual intercourse or perform sexual acts even though you did not want to
5. Fetched water from another household's roof more than once
6. Ate a meal in your home"

|___|

Section 18: Domestic Violence and Female Empowerment

FO: This section is only to be administered by female field officers to female respondents.

Check for presence of others. Do not continue unless privacy is ensured.

(Do not ask): 0. Is anyone else present at this time? (Do not include young children) (1=Yes, 2=No)
|____|

Read: Now I would like to ask you questions about some other important aspects of a woman's life. I know that these questions are very personal. However, your answers are crucial for helping to understand the conditions of women in Kenya. Let me assure you that your answers are completely confidential and will not be told to anyone and no one else will know that you were asked these questions. When two people live together and have a relationship, they generally share good times and bad times...

1. How many years have you been married to or cohabiting with your current spouse? (no. of years) |____|

2. I am now going to ask you some questions about your relationship with your spouse.
 - a) Does your husband meet your needs? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - b) In general, are you satisfied with your relationship? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - c) Is your relationship good compared to most? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - d) Do you sometimes wish you hadn't gotten in this relationship? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - e) Has your relationship met your original expectations? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - f) Do you love your husband? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - g) Are there any problems in your relationship? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - h) Would you feel comfortable telling your husband that he has to be loyal to you? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

 - i) Does your family think your relationship with your husband is a good one for you? (1=Not at all, 2=A little, 3=Some, 4=A lot, -98=Refuse to answer) |____|

3. Who in your family has a say on the following decisions:
 - a) Whether or not to use a method to avoid having children. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable) |____|

- b) Any decisions about childrens' schooling. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable)
- c) What to do if a child falls sick. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable)
- d) How children should be disciplined. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable)
- e) Whether to have another child. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable)
- f) How much of the household's income to save. (1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -97=Not applicable)

4. Does your husband ever?

- a) Expect that you ask permission to purchase large items? (1=Yes, 2=No, -88=Refuse)
- b) Expect that you ask permission to purchase small items? (1=Yes, 2=No, -88=Refuse)
- c) Take your earnings or savings from you against your will? (1=Yes, 2=No, -88=Refuse)
- d) Tell you he does not have enough money to give you for household expenses? (1=Yes, 2=No, -88=Refuse)
- e) Tell you he does not have enough money to give you to spend on yourself? (1=Yes, 2=No, -88=Refuse)
- f) Refuse to give you money for household expenses, even when he had money for other things? (1=Yes, 2=No, -88=Refuse)
- g) Require that you give up or refuse a job for money outside the home because he did not want you to work? (1=Yes, 2=No, -88=Refuse)
- h) Make important financial decisions without talking to you about them? (1=Yes, 2=No, -88=Refuse)
- i) Demand to know how you spent money? (1=Yes, 2=No, -88=Refuse)
- j) Hide money from you? (1=Yes, 2=No, -88=Refuse)
- k) Spent money set aside for household benefits on himself? (1=Yes, 2=No, -88=Refuse)
- l) Threaten not to give you money or take it away from you? (1=Yes, 2=No, -88=Refuse)
- m) Given you little money or reduced your spacing when he is angry. (1=Yes, 2=No, -88=Refuse)

5. Are you pregnant now? (1=Yes, 2=No, -88=Refuse)

If YES, continue to question 6. If NO, skip to question 7.

6. For how many months have you been pregnant? |____|

7. Were you ever pregnant during the last 6 months? (1=Yes, 2=No, -88=Refuse) |____|

If YES, continue to question 8. If NO, skip to question 9.

8. Was the child born alive? (1=Yes, 2=No, -88=Refuse) |____|

If the respondent is not pregnant (answer to question 5 was “No” or “Refuse”), continue to question 9. Otherwise, skip to question 20.

9. Now I have some questions about the future. If you could choose yourself when to become pregnant, without taking what anyone else wants into account, would you like to become pregnant within the next 6 months? (1=Yes, 2=No, -88=Refuse) |____|

10. Do you think that your husband would like you to become pregnant within the next 6 months? (1=Yes, 2=No, -88=Refuse) |____|

11. Do you plan to try to get pregnant within the next 6 months? (1=Yes, 2=No, -88=Refuse) |____|

If NO, continue to question 12. Otherwise, skip to question 20.

12. Are you or your husband/partner currently doing something or using any method to delay or avoid getting pregnant? (1=Yes, 2=No, -88=Refuse) |____|

13. If you could choose yourself whether to use a method to avoid getting pregnant, without taking anyone else into account, would you like to start using such a method within the next 6 months? (1=Yes, 2=No, -88=Refuse) |____|

14. Do you think that your husband would like you to start using such a method within the next 6 months? (1=Yes, 2=No, -88=Refuse) |____|

If the respondent is pregnant (answered “Yes” to question 5), continue to question 15. Otherwise, skip to question 20.

15. Now I have some questions about the future. After the child you are expecting now, if you could choose yourself when to become pregnant again, without taking what anyone else wants into account, would you like to become pregnant again within 12 months of giving birth? (1=Yes, 2=No, -88=Refuse) |____|

16. After the child you are expecting now, do you think that your husband would like you to become pregnant again within 12 months of giving birth? (1=Yes, 2=No, -88=Refuse) |____|

17. After the child you are expecting now, do you plan to try to get pregnant within 12 months of giving birth? (1=Yes, 2=No, -88=Refuse) |____|

18. If you could choose yourself whether to use a method to avoid getting pregnant, without taking anyone else into account, would you like to start using such a method within 12 months of giving birth? (1=Yes, 2=No, -88=Refuse) |____|

19. Do you think that your husband would like you to start using such a method within 12 months of giving birth? (1=Yes, 2=No, -88=Refuse) |____|

20. I am now going to ask you about some situations which happen to some women. Please tell me if, during the last six months, any of these apply to your relationship with your husband?

a) He was jealous or angry if you talked to other men? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

b) He accused you of being unfaithful? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

c) He did not permit you to meet your female friends? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

d) He tried to limit your contact with your family? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

e) He did not trust you with any money? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

21. Now if you will permit me, I need to ask some more questions about your relationship with your husband/partner. If we should come to any question that you do not want to answer, just let me know and we will go on to the next question.

A: During the last six months, did your husband/partner ever

a) say or do something to humiliate you in front of others? (1=Yes, 2=No, -88=Refuse)
|____|
If YES: B: How many times per month? |____|

b) threaten to hurt or harm you or someone close to you? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

c) insult you or make you feel bad about yourself? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

22. Now if you will permit me, I need to ask some more questions about your relationship with your husband/partner. If we should come to any question that you do not want to answer, just let me know and we will go on to the next question.

A: During the last six months, did your husband/partner ever do any of the following things to you?

a) push you, shake you, or throw something at you? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

b) slap you? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

c) twist your arm or pull your hair? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

d) punch you with his fist or with something that could hurt you? (1=Yes, 2=No, -88=Refuse)
|____|
If YES: B: How many times per month? |____|

e) kick you, drag you or beat you up? (1=Yes, 2=No, -88=Refuse) |____|
If YES: B: How many times per month? |____|

f) try to choke you or burn you on purpose? (1=Yes, 2=No, -88=Refuse) |____|

If YES: B: How many times per month? |____|

g) threaten to attack you with a knife, gun, or any other weapon? (1=Yes, 2=No, -88=Refuse)

|____|

If YES: B: How many times per month? |____|

h) physically force you to have sexual intercourse with him even when you did not want to?

(1=Yes, 2=No, -88=Refuse) |____|

If YES: B: How many times per month? |____|

i) force you to perform any sexual acts you did not want to? (1=Yes, 2=No, -88=Refuse)

|____|

If YES: B: How many times per month? |____|

If YES to any of the above categories, continue. If NO, skip to next Section.

23a. How many times per month does your spouse usually act violent towards you? |____|

23b. How many times per month does your spouse act violent towards you after drinking alcohol?

|____|

23c. During the last six months, did your husband/partner ever beat any of the children under the age of 12 living in this household? (1=Yes, 2=No, -88=Refuse) |____|

If YES, continue. If NO, skip to next Section.

23d. How many times did this happen in the last 6 months? |____|

SECTION 19. Conclusion

Read: Thank you for your time.

Before leaving the respondent, be sure to give them the GE Effects Phone number card, and ask them to flash the number listed on the card if their contact information changes.

Be sure to fill in the remaining information. Do not read the questions allowed. Simply record your own impressions.

A. Did the respondent terminate the survey early? (1=Yes, 2=No)
If YES, continue. If NO, skip to question 1.

B. Why did the respondent terminate the survey early? _____
1 = Temporary stop only – Wishes to continue survey at a later time. **See “Temporary Stop Instructions” below.**
2 = Tired
3 = Too busy, does not have time
4 = Offended at question
5 = Suspicious of FO / survey intent / IPA
6 = Does not feel like continuing survey
7 = Other (specify)

Temporary Stop Instructions: You have indicated that the FR wishes to continue the survey in the future. Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now.

1. Time end interview: (24 hr clock) :

2. In what language was the survey administered? (1=English, 2=Kiswahili, 3=Luo)

2a. How was the respondent’s skill in speaking and understanding the survey language?

- (1 = Displayed *no problems* speaking or understanding language
2 = Displayed *a little difficulty* speaking or understanding language
3 = Displayed *moderate* difficulty speaking or understanding language
4 = Displayed *serious* problems speaking or understanding language)

3. Were any people present during all or part of this interview (other than the respondent and IPA staff)? (1 = Yes, 2 = No)

3a. **If YES:** What is their relationship to the respondent?
Use G4 codes, list up to 4. Other: _____

4. Are you very confident, somewhat confident or not very confident in the overall quality and truthfulness of this respondent’s responses?
(1=Very confident, 2=Somewhat confident, 3=Not confident)

4a. **If SOMEWHAT or NOT CONFIDENT:** Why? _____

5. Is this interview being performed at the respondent's current residence, place of work, or school?
(1=Yes, 2=No)

If YES, continue. If NO, skip to question 6.

5a. Please record a GPS reading now.

Ensure that you are at the doorstep to the house or business for best accuracy. Please try to obtain an accuracy of 8 meters.

(i) Latitude:

(ii) Longitude:

(iii) Elevation:

(iv) Accuracy:

<p>GE HH Endline Code Sheet Version 20</p> <p>(G)ENERAL</p> <p>G1: Country 01= Kenya 02= Uganda 03= Tanzania 04= Other (specify)</p> <p>G2a: County/1992 District Western Province 01= Busia (Kenya) 02= Bungoma 03= Kakamega 04= Vihiga Nyanza Province 05= Homa Bay 06= Kisii Central 07= Kisumu 08= Migori 09= Nyamira 10= Siaya Central Province 11= Kiambu 12= Kirinyaga 13= Murang'a 14= Nyandarua 15= Nyeri Coast Province 16= Kilifi 17= Kwale 18= Lamu 19= Mombasa 20= Taita-Taveta 21= Tana River Eastern Province 22= Embu 23= Isiolo 24= Kitui 25= Machakos 26= Meru 27= Makueni 28= Marsabit 29= Tharaka Nithi Nairobi 30= Nairobi North Eastern Province 31= Garissa 32= Mandera 33= Wajir Rift Valley Province 34= Baringo 35= Bomet 36= Elgeyo-Marakwet 37= Kajiado</p>	<p>38= Kericho 39= Laikipia 40= Nakuru 41= Nandi 42= Narok 43= Samburu 44= Trans Nzoia 45= Turkana 46= Uasin Gishu 47= West Pokot Uganda (current district) 48= Busia 49= Bugiri 50= Iganga 51= Namayingo 52= Tororo Other 70= Other (specify) 77= FR DK county (will specify 2010 district)</p> <p>G2b: 2010 District 01= Busia (Kenya) 02= Bungoma East 03= Bungoma North 04= Bungoma South 05= Bungoma West 06= Bunyala 07= Butere 08= Mumias 09= Samia 10= Siaya 11= Teso North 12= Teso South 13= Other (specify)</p> <p>G3a: City/Large Town 02= Eldoret 03= Kisumu 04= Mombasa 05= Nairobi 06= Nakuru 07= Kampala 08= Other City/Large Town (specify) 20= Lives in a rural area</p> <p>G4: Relationship 01= Father 02= Mother 03= Parents 04= Maternal Grandparent 05= Paternal Grandparent 06= Current Spouse/Partner 07= Former Spouse/Partner 08= Brother 09= Sister 10= Cousin</p>	<p>11= Maternal Aunt/Uncle 12= Paternal Aunt/Uncle 13= Son 14= Daughter 15= Grandchild 16= Step Mother 17= Step Father 18= Half Brother/Sister 19= Mother in Law 20= Father in Law 21= Brother/Sister in Law 22= Co-Wife 23= Other Relative 24= Current Neighbor 25= Former Neighbor 26= Friend from School 27= Work Friend/Colleague 28= Friend from Church 29= Other Friend 30= Teacher/School Official 31= Village Elder/ Guide/ Liguru 32= No One/None 33= Self 34= Other (specify) 35= Step Brother/Sister 36= Nephew/Niece 37= Employer 38= Daughter in law/Son in law</p> <p>G5: Migration 1= Parents moved 2= Parents/ guardian died 3= Schooling/ training 4= Marriage 5= To look for work 6= To start a new job that you have already been hired for 7= Drought/ famine/ flood 8= Return to permanent home 9= For fun/ new experience/ adventure 10 = Care for relative/friend 11= To be near people of my tribe/ethnic group 12= Just visiting 13= Election related 14= Job transfer 15= Separation 16= Divorce 17= Job termination 18= Election related/ political inrest 19= New born baby</p>	<p>G6: School class/ year Current Kenyan system 100= No schooling 130= ECD/nursery/pre-unit 101= Std 1, 102= Std 2 103= Std 3, 104= Std 4 105= Std 5, 106= Std 6 107= Std 7, 108= Std 8 109= Form 1, 110= Form 2 111= Form 3, 112= Form 4 113= do not use this code 114= do not use this code 115= <u>Some</u> polytechnic 116= <u>Completed</u> polytechnic 117= <u>Some</u> college 118= <u>Completed</u> college 119= <u>Some</u> university 120= <u>Completed</u> university 121= Higher than college/ university 122= Special education (mentally handicap)</p> <p>Previous Ugandan / Current Ugandan system 200= No schooling 230= ECD/nursery/pre-unit 201= Std 1, 202= Std 2 203= Std 3, 204= Std 4 205= Std 5, 206= Std 6 207= Std 7 208= do not use this code 209= Form 1, 210= Form 2 211= Form 3, 212= Form 4 213= Form 5, 214= Form 6 215= <u>Some</u> polytechnic 216= <u>Completed</u> polytechnic 217= <u>Some</u> college 218= <u>Completed</u> college 219= <u>Some</u> university 220= <u>Completed</u> university 221= Higher than college/ university 222= Special education (mentally handicap)</p> <p>G7: 2011 Age/ Yr of Birth 30= 1981, 29= 1982 28= 1983, 27= 1984 26= 1985, 25= 1986 24= 1987, 23= 1988 22= 1989, 21= 1990 20= 1991, 19= 1992 18= 1993, etc.</p> <p>G8: 2012 Age/ Yr of Birth 31= 1981, 30= 1982</p>	<p>29= 1983, 28= 1984 27= 1985, 26= 1986 25= 1987, 24= 1988 23= 1989, 22= 1990 21= 1991, 20= 1992 19= 1993, etc.</p> <p>G9: Occupation Agriculture and Fishing 01= Farmer 02= Agricultural laborer 03= Livestock care/ Sheppard 04= Fishing Retail and commercial 05= Sell own agricultural products in market 06= Hawking/ selling clothes, food, other items 07= Own shop (retail) 08= Work in other person's shop (retail) 09= Own other commercial or financial business 10= Work in other person's commercial or financial business Unskilled trades 11= Domestic work (house boy/girl) 12= Hotel, restaurant or tourism job 77= Cook/ Chef/ Caterer 13= Watchman/ Guard/ Cleaner 14= Vehicle taxi work (matatu tout/conductor, <u>not</u> driver) 78= Local brewer Skilled & semi-skilled trades 79= Bicycle repair 80= Driver (public or private, including matatu drivers) 17= Barber or hairdresser 18= Tailor or seamstress 81= Shoe maker/ Cobbler/ Shiner 19= Butcher 20= Mechanic 21= Welder 71=Carpenter 72=Mason 82= Brick baker/ Stone dresser 73=Plumber 74=Electrician</p>	<p>75=Other skilled construction work 23= Factory job Professionals 24= Teacher 25= Clerical and secretarial work 26= Salaried professional (manager, accountant, legal clerk) 27= NGO field worker 28= Nurse/health technician 29= Doctor 30= Police/military officer 31= Other government job 32= Computer/ electronics technician or repair Other 83= Religious officiant / leader 40= Other (specify) 50= Student 60= No work or school but not retired 61= Retired 99= DK 100= Other (specify) 101= Other (specify) 102= Other (specify)</p> <p>G10: Tribe/Ethn.Group 1= Luo 2= Luhya 3= Kalenjin 4= Kisii 5= Kikuyu 11= Other (specify)</p> <p>G12: Currency Codes 01= Kenyan shillings 02= Ugandan shillings 03= Other (specify)</p> <p>(E)DUCATION</p> <p>E1: School codes [omitted]</p> <p>E3: Grades 01= P (results withheld), 02= Y (irregularity), 04= E, 05= D-, 06= D, 07= D+, 08= C-, 09= C, 10= C+, 11= B-, 12= B, 13= B+, 14= A-, 15= A, 16= X (registered, but did not take exam),</p>	<p>17= Z (took some, but not all, exams) 777= Results not out; 888= Didn't take exam 999=Don't know</p> <p>E6: Certificate Codes 01= Institutional (Internal Exams) 02= A.B.E. (Association of Business Executives) 03= ABMA (Association of Business Managers & Administrators) 04= ACCA (Association of Chartered Certified Accountants) 05= C.I.P.S. (Chartered Institute of Purchasing & Supplies) 06= C.S.K. (Computer Society of Kenya) 07= D.I.T. (Directorate of Industrial Training) 08= I.C.M. (Institute of Commercial Management) 09= KASNEB (Kenya Accountants & Secretaries National Examination Body) 10= KNEC (Kenya National Examination Council) 11= Bachelor of Science 12= Bachelor of Arts 13= Driver's License 14= Other (specify)</p> <p>E7: Courses Voc-Ed Courses 01= Art and Craft 02= Beauty Courses 03= Business 04= Construction & Mechanical 05= Driving & Mechanics 06= Electrical 07= Garment Making and Embroidery 08= Hotel, Catering and Hospitality 09= Land Mechanics 10= Secretarial & Computer</p> <p>College/Univ. Courses 10001= Accounting 10002= Actuarial Science</p>
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<p>10003= Agriculture 10004= Architecture 10005= Biomedical 10006= Community Health 10007= Computer Science 10008= Creative & Performing Arts 10009= Early Childhood Education 10010= Economics 10011= Education 10012= Environmental Science 10014= Horticulture 10015= Hotel & Catering 10016= Human Resource 10017= Library Science 10018= Logistics 10019= Media & Journalism 10020= Medicine 10021= Pharmacy 10022= Political Science 10023= Public Health 10024= Sociology/Social Work 10025= Statistics 10026= Wildlife Science 10027= Veterinary Science 10028= Other Bachelor of Arts (BA, specify) 10029= Other Bachelor of Science (BSC, specify) All Courses 3333= Other (specify)</p>	<p>16= Beans 17= Onion 18= Tomato 19= Carrot 20= Soya beans 21= Green grams 22= Cowpeas Other 23= Tobacco 24= Sugar cane 25= Cotton 26= Other (specify)</p> <p>F2: Industry Agriculture 1= Small-scale agriculture 2= Large-scale (commercial) agriculture Manufacturing 3120= Tea processing & packaging 3123= Food products n.e.c. 3131= Distilling & refining spirits 3133= Malt liquors, beer brewing 3134= Soft drinks & carbonated water industries 3140= Tobacco manufacturers 3313= Charcoal Production 3411= Manufacture of pulp, paper and paper-board 3529= Manufacture of chemical products n.e.c. 3693= Brick/block making 3903= Other manufacturing industries Trade Contractors 4101= Electric light & power 4200= Water works & supply 5101= Electrical contractors 5102= Plumbers 5103= Structural Steel erectors 5104= Painters, roof tillers and minor repairs 5105= Borehole drilling 5201=Construction buildings 5202= All other construction (roads, sewerage, water works, etc) Wholesale Trade 6110= Food, drink & tobacco</p>	<p>6113= Textiles, soft furnishings, clothing and shoes 6114= Building materials, hardware and timber 6119= Livestock 6120= Second hand garments 6121= Wholesale trade n.e.c Retail 6211= Food drink & tobacco 6212= Butcheries 6213= Oil and petrol 6214= Textiles, soft furnishings, clothing and shoes 6215= Building materials and timber 6216= Photographic and pharmaceuticals goods 6218= Livestock 6224= Second hand garments 6225= Shoes and leather goods 6231= Retail trade n.e.c. Services 6310= Restaurants, cafes, bars, kiosks, other catering & drinking places 7200= Communications 8103= Financial services 8201= Insurance companies 8311= Property companies 8321= Legal services 8322= Accounting, auditing & bookkeeping 8323= Data processing & tabulating services 8324= Engineering, architectural & technical services 8325= Advertising services 8329= Business services 9331= Medical, dental & other health services 9391= Religious orgs 9399= Social & related community services n.e.c. 9530= Domestic services 9591=Barber / Beauty Shop 9101= Government services</p>	<p>7112= Urban, sub-urban & inter-urban highway passenger, bus/matatu 7113= Other passenger land transport, incl. taxis 7114= Freight transport by road Other 9988=Other (specify) 9999= DK</p> <p>F3: Business Constraints/ Closure Reasons 01= None 02= Lack of credit 03= Interference from authorities 04= Government regulations 05= Lack of clients/markets 06= Low earnings 07= Excessive Competition 08= Problems with workers/partners 09= Shortage of merchandise, inputs or raw materials 10= Power interruption 11= Lack of electricity 12= Poor access to water supply 13= Poor security 14= Better business opportunity came along 15= Got a very good price 16= To help out a family member 17= To get more education 18= Good job came along 19= Other (specify)</p> <p>F4: Job search actions 1= Networking with friends and relatives 2= Physically visiting offices looking for employment opportunities 3= Browse for jobs from recruitment portals 4= Looking for advertisement on notice boards and newspapers 5= Making inquiries from the potential employers</p> <p>F5: Reasons to leave job 1= Sick/disabled 2= School training</p>	<p>3= Low pay 4= Fired 5= Needed more flexible hours 6= Found a better job 7= Started own business 8= Marriage 9= Had a child 10= Election related 11= Moved (e.g. with spouse)</p> <p>F6: Employment Status 01= Permanent, w/ contract 02= Permanent, no contract 03= Permanent, DK status of contract 04= Temporary, w/ contract 05= Temporary, no contract 06= Temporary, DK status of contract 07= Casual, no contract 08= Unpaid family worker 09= Apprentice 10= Intern, volunteer or attachment 11= Other (specify)</p> <p>F7: Unit codes 1= Kenyan Shillings 2= Kilo 3= Gram 4= Gorogoro-2kg 5= Debe-20kg 6= Gunia-90kg 7= Litre 8= Fanta Bottle-350ml 9= Beer Bottle-500ml 10= Orange Bottle-700ml 11= Kaku-1kg 12=Kasuku-2kg 13= Jerry Can/Dumu-20l 14= Number 15= Pack/Package 16= Bundle</p> <p>F8: Reasons to not look for a job 1= Already have a job 2= Not interested in working 3= Not a working season 4= Poor weather 5= Ill 6= Pregnant 7= Must care for small children at home 8= Bereaving a family or friend's death</p>	<p>9= No jobs seem to be available & have given up 10= Refusal from spouse to work 11= Caring for a sick loved one 12= On vacation/ honeymoon 13= Other (specify) 14= In school 15= Too old to work/ Retired -99= DK</p> <p>(T)RANSFERS</p> <p>T1: Use of support 01= School fees or expenses 02= Child support 03= Ceremonies: funeral, birth, marriage 04= Medical expenses 05= Help to buy or build a house 06= Help to start a business 07= General living expenses 08= Help an existing business 09= Agricultural purposes 10= Other (specify) 11= To contribute to merry-go-round or ROSCA</p> <p>T2: How money sent 01= M-Pesa 02= Airtel money 03= Posta Pay 04= Posta reg mal 05= Money order 06= Other courier (Akamba, Securicor, etc.) 07= Someone physically took it 08= Bank transfers xxxx= Other (specify)</p> <p>(C) COMMUNITY CODES</p> <p>C1: Harambee Purposes 1= School fees (not own child's) 2= Church 3= Wedding 4= Bereavement 5= Other</p>	<p>6= School facilities and development</p> <p>(H) HEALTH CODES</p> <p>H1: Health Problem 1= TB 2= Pneumonia 3= Herpes 4= Yellow fever 5= Typhoid 6= Cholera 7= Serious wound or injury 8= HIV/AIDS related 9= A major accident 10= Other 1 (specify) 11= Other 2 (specify)</p> <p>H2: Impact of health problem 1= Cannot work full-time 2= Cannot work at all 3= Serious debt problems 4= General unhappiness 5= Cannot move around freely 6= Constant pain</p> <p>(Target) TARGET CODES 01= Travelling for sometime 02= Lives/works in another town 03= Out temporarily 04= Too sick to be interviewed/mentally ill 05= Too busy to be interviewed 98= Other</p> <p>(M) MARKET CODES M1: Markets [Omitted]</p> <p>M2: Transportation 01=Walk (on foot) 02=By bicycle 03=By motorbike 04=By private car 05=By matatu 06=N/A 07=Other (specify)</p> <p>OCCUPATION CODES 01=Accountant 02=Artisan 03=Carpenter 04=Casual worker 05=Civil servant 06=Clerk</p>
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07=Construction
08=Doctor
09=Driver
10=Electrician
11=Engineer
12=Farmer
13=Government security officer
14=Headmistress
15=Informal sector
16=Journalist
17=Judge
18=Lawyer
19=Lecturer
20=Mason
21=Mechanic
22=Nurse
23=Own a computer store
24=Own a hotel
25=Own a large business
26=Own a small business
27=Pharmacy
28=Pilot
29=Policeman
30=Priest
31=Priest/nun
32=Researcher
33=Run an Mpesa kiosk
34=Social worker
35=Tailor
36=Teacher
37=Welding
38=Work in a store
39=Other (specify)

EDUCATION CODES

01=None
02=Pre-school
03=Standard 1
04=Standard 2
05=Standard 3
06=Standard 4
07=Standard 5
08=Standard 6
09=Standard 7
10=Standard 8
11=Form 1
12=Form 2
13=Form 3
14=Form 4
15=Form 5
16=Form 6
17=College 1
18=College 2
19=College 3
20=College 4
21=University 1
22=University 2

23=University 3
24=University 4
25=University 5+
26=Other (specify)

Appendix B: Baseline Household Survey Instrument

- 4 = Unable to survey – parent or contact refusal (*skip to “Closing Interview Statement”*)
- 5 = Unable to survey – spouse refusal (*skip to “Closing Interview Statement”*)
- 6 = Unable to survey – in prison (*end interview*)
- 7 = Unable to survey – mental illness / disability (*skip to question 12*)
- 10 = Unable to survey – other (*skip to question 11d*)

Rescheduling instructions: Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now. End the interview.

11b. Record your impressions of why the FR refuses to participate during this survey round. If you feel comfortable doing so, you may ask the FR why: Why don't you want to participate in this survey round? **Choose up to 3 reasons.**

- |__|/|__|/|__| Other: _____
- | | |
|---|--|
| 1 = Survey is too long | 6 = FR hasn't received (further) assistance from IPA and doesn't want to participate because of that |
| 2 = FR has caregiving duties | 7 = FR just doesn't want to / no reason given |
| 3 = FR has to work | 10 = Other (specify) |
| 4 = FR does not want to disclose personal information | |
| 5 = FR is suspicious of IPA | |

Skip to “Closing Interview Statement”.

11c. Record your impressions of why the FR refuses to participate during this round and any future rounds. If you feel comfortable doing so, you may ask the FR why: Why don't you want to participate in this round or any future survey rounds?

Skip to “Closing Interview Statement”.

12. Record your impressions of the FR's disability. If you feel comfortable doing so, ask the FR or the FR's caretaker: What is his/her disability?

The following questions collect some basic information for a FR who is mentally ill or disabled. Ask these questions of the FR or the FR's caretaker.

12a. What is the highest level of education he/she attended? **Use G6 codes.** |__|

12b. What is his/her occupation? **Use G9 codes.** |__| _____

Read: Thank you very much for your time. **End interview here.**

Closing Interview Statement. Read: Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the IPA office. **End interview here.**

SECTION 2. Defining the Household

1. What is your current full name?

|_____|| / |_____|| / |_____||
(First name) (Middle/Second Name) (Last Name)

1a. **Do not ask the following question. Simply record your impressions.** Does this name match the name listed in the Identity Section? **Do not count different spellings or different orderings of the same name as different.** (1=Yes, 2=No) |__|

If YES, skip to question 2. If NO, continue, and ensure that you are interviewing the same respondent as listed on the tracking sheet.

1b. We recently conducted a census in this village. Why is your name different than the one in our records from this census? **List up to 2 responses.** (1= Got married and took spouse's name; 2= Took the name of another family member (not spouse); 3= Took baptismal name; 4= Took a different / additional name (not family or baptismal name); 5= Other (specify); 6= Dropped Family Name; 7= Name previously misspelled) |__|/|__| Other:

2. Do you use any other names, either in your community or for official documents?

(1=Yes, 2=No) |__|

2a. What other name do you go by for official documents? **Probe to get names in same order as given on official documents.**

|_____|| / |_____|| / |_____||
(Other First name) (Other Middle/Second Name) (Other Last Name)

2b. What is your common name/nickname? _____

3. **Do not ask the following question. Simply record your impressions.** What is the respondent's gender? (1=Male, 2=Female) |__|

4. What is your date of birth? |__|_| / |__|_| / |__|_|_|_|_|
(DD) (MM) (YYYY)

The date of birth information is very important. Please probe the FR if they claim to not know. Every FR should be able to approximate the year of birth at least. (99=DK day or month, 9999=DK year)

4a. **Do not ask the following question:** Is this an estimated year of birth? (1=Yes, 2=No) |__|

4b. What is your age now in years? |__| years

If age and date of birth information do not make sense together, please probe further with FR until they agree. Note in the FO Comments if you are unable to make them agree.

5. What is your place of birth?

5a. Country? **Use G1 codes.** |__| Other: _____

5b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). Use G2a codes.** |__| Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 5d.

5c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.** Other: _____

5d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** Other: _____
If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 5g.

5e. Location? **Write** _____

5f. Sub-location? **Write** _____

5g. Village / Neighborhood? **Write.** (99=DK) _____

6. What is your clan? (99=DK) _____

7. What is your father's name?

| _____ | / | _____ | / | _____ |
(First name) (Middle/Second Name) (Last Name)

8. What is your mother's name?

| _____ | / | _____ | / | _____ |
(First name) (Middle/Second Name) (Last Name)

DO NOT ASK THE FOLLOWING QUESTIONS. Simply record your impressions.

9. Where is this interview being conducted?
If you are interviewing an FR who works as live-in house help or a live-in guard and you are at their place of work, please select place of work and not current residence. If you are interviewing them at their home (not the home they work in), select appropriate home.

- 1 = In person, at current residence (may also be biological or marital home)
- 2 = In person, at biological home (not current residence)
- 3 = In person, at marital home (not current residence)
- 4 = In person, at the FR's school (specify, **use E1 codes**) Other: _____
- 5 = In person, at the FR's work (specify name of place) _____
- 6 = In person, at IPA Siaya office
- 7 = In person, at another IPA office (specify) _____
- 8 = In person, elsewhere (specify) _____
- 10 = Over the phone

10. Is the interview being conducted with the interviewee alone (excepting IPA staff)? (1=Yes, 2=No)

If NO, politely ask to be allowed to interview the FR alone. Stress that the interview is private and confidential.

10a. **If NO:** If there are individuals in the room who will stay there for the interview, List any individuals over the age of 5 who are present for the interview: **use G4 codes.**

/ / / / / /

Other: _____ / _____ /
_____ / _____

SECTION 3. Contact Information (Place of residence)

Read: Now I would like to obtain your contact information.

Read #1: We want to know the place that you usually sleep, not necessarily your ancestral lands or family home.

1a. Country? **Use G1 codes.** |__| Other: _____

1b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent).**

|__| Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 1d.

1c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments. Use G2b codes.**

|__| Other: _____

1d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** If FR resides in Siaya County and not in Siaya Township location, please select "Lives in a rural area" to collect location, sublocation and village information.

|__| Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 1g.

1e. Location?

|__| Other: _____

1f. Sub-location?

|__| Other: _____

1g. Village / Neighborhood? **Write.** (99=DK) _____

2. Where do you collect mail? **Describe location where FR collects mail, or postal address.**
(88=N/A, 99=DK) _____

3. Please describe the location of the home. **Provide detailed description to home, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes ("ask for the home of...") should be included where possible.**

3a. What primary school is closest to the home?

should usually not be husbands, wives or children (but other relatives will often make good contacts), since these contacts often move along with the FR. We want contacts that are likely to stay in the same place when the FR moves.

13. **Do not read the following question. Simply record your impressions.** Does the respondent agree to give information on a contact? (1=Yes, 2=No)

If NO, skip to Section 4. If YES, continue.

Contact #1

14. Name of contact? | _____ | / | _____ | / | _____ |
(First name) (Second/Middle Name) (Last name)

15. What is the contact's relationship to you? **Use G4 codes.** Other: _____

16. Does this person live with you? (1= Yes, 2= No)

If YES, skip to question 20. If NO, continue.

Read: Please tell me where this person lives.

17a. Country where contact lives? **Use G1 codes** Other: _____

17b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** Other: _____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 17d.

17c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in the FO Comments. Use G2b codes.**

Other: _____

17d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.**

Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 17g.

17e. Location? **Use G3b codes.** Other: _____

17f. Sub-location? **Use G3c codes.** Other: _____

17g. Village / Neighborhood? **Write.** (99=DK) _____

18. What is the contact's Postal Address? **Write.** (88=None, 99=DK) _____

19. Please describe the location of the home: **Provide detailed description to this place, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes ("ask for the home of...") should be included where possible.** (99=DK)

20. Is there a phone number where I can reach this contact, even if he / she does not have his / her own phone? (1=Yes, 2=No / Do not know a number)

If YES, continue. If NO, probe the FR for one again. If the FR insists that there is no way to reach the contact by phone (or they do not know any numbers), skip to the read statement before question 28.

20a. Please give me that number.

Number: | 0 | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

20b. Whose phone is this? **Write name.** _____

20c. What is this person's relationship to the contact? **Use G4 codes.**
| | Other: _____

21. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a second phone number. If YES, continue. If NO, skip to the read statement before question 28.

21a. Please give me that number.

Number: | 0 | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

21b. Whose phone is this? **Write name.** _____

21c. What is this person's relationship to the contact? **Use G4 codes.**
| | Other: _____

22. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a third phone number. If YES, continue. If NO, skip to the read statement before question 28.

22a. Please give me that number.

Number: | 0 | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

22b. Whose phone is this? **Write name.** _____

22c. What is this person's relationship to the contact? **Use G4 codes.**
| | Other: _____

Note: There are no questions 23-27.

Contact #2

Read: Now let's discuss a second contact. Again, please tell us the name of a friend or family member who is sure to know where you are, and how to contact you, if you were to move away. This should be someone that would stay in their current residence if you moved away. **Unless FR**

insists, it is best if Contact 2 does not share contact information (address, location, phone number, etc) with Contact 1.

Ask first if FR has a contact with a phone who would know how to locate and contact the FR. If NOT, a contact without a phone who know how to locate and contact FR is OK. Contacts should usually not be husbands, wives or children (but other relatives will often make good contacts), since these contacts often move along with the FR. We want contacts that are likely to stay in the same place when the FR moves.

28. **Do not read the following question. Simply record your impressions.** Does the respondent agree to give information on a second contact? (1=Yes, 2=No)
If NO, skip to Section 4. If YES, continue.

29. Name of contact? / /
(Family name) (Name 1) (Name 2)

30. What is this person's relationship to you? **Use G4 codes.** Other: _____

31. Does this person live with you or the first contact? (1= Yes, with FR only, 2=Yes, with first contact only, 3=Yes, with respondent AND first contact, 4= No)
If YES ("1", "2" or "3"), skip to question 35. If NO, continue.

Read: Please tell me where this person lives.

32a. Country? **Use G1 codes.** Other: _____

32b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** Other: _____
If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 32d.

32c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in FO Comments below. Use G2b codes.** Other: _____

32d. Which town / city? **Use G3a codes. Code 20=Lives in a rural area.** Other: _____
If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 32g.

32e. Location? **Use G3b codes.**
Other: _____

32f. Sub-location? **Use G3c codes.**
Other: _____

32g. Village / Neighborhood? **Write.** (99=DK) _____

33. What is this contact's Postal Address? **Write.** (88=None, 99=DK) _____

34. Please describe the location of the home: **Provide detailed description to this place, including landmarks, distance from roads and any other detailed information where relevant. If there is a primary school nearby, please start your directions from that school. If not, pick a location that is well known in the area to be a starting point for your directions. References to specific businesses or homes ("ask for the home of...") should**

be included where possible. (99=DK)

35. Is there a phone number where I can reach this contact, even if he / she does not have his / her own phone? (1=Yes, 2=No / Do not know a number)

If YES, continue. If NO, probe the FR for one again. If the FR insists that there is no way to reach the contact by phone (or they do not know any numbers), skip to Section 4.

35a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

35b. Whose phone is this? **Write name.** _____

35c. What is this person's relationship to the contact? **Use G4 codes.**

| | Other: _____

36. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a second phone number. If YES, continue. If NO, skip to Section 4.

36a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

36b. Whose phone is this? **Write name.** _____

36c. What is this person's relationship to the contact? **Use G4 codes.**

| | Other: _____

37. Can you give me another phone number to reach this contact? (1=Yes, 2=No)

Probe FR for a third phone number. If YES, continue. If NO, skip to Section 4.

37a. Please give me that number.

Number: | 0 | | | | | | | | | | | | |

If non-Kenyan phone number, enter 77 and provide question number, country and phone number in FO comments.

37b. Whose phone is this? **Write name.** _____

37c. What is this person's relationship to the contact? **Use G4 codes.**

| | Other: _____

SECTION 4. Household Roster

Read: Now I would like to find out about all of the individuals in your household. By your household, I mean the place where you usually sleep, not necessarily your ancestral lands or family home. By the individuals in your household, I mean those who “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home. **Note separate instructions in upcoming questions for FRs who are live-in house help or live-in guards.**

1. How many people in total (other than yourself) are in your household, “eat from the same pot” and spend 4 nights or more in an average week sleeping in your home? **If the FR is live-in house help or a live-in guard and has a spouse or adult dependent(s) staying with them at the employer’s house, only include these spouse/dependent(s) on the household roster (do not count their employer or the employer’s family as part of the FR’s household).**

Please write down the names of each household member on the unique roster sheet, beginning by listing the FR on the line designated for the FR, then the other individuals in the household, starting with the eldest. When the FR has listed all individuals and the table has been completed, read the full list of names through, and prompt for any other people living in the household that may have been missed. For all household members other than the FR, proceed across each row and then down, collecting information on each person. If there are more than 15 people, collect information on the eldest 15.

	2. Roster Number?	3. Did this person sleep here last night? (1=Yes, 2=No) If NO, probe: “Does this person usually stay here for 4 or more days a week, and eat from the same pot?” If NO, delete person from table.	4. Gender? (1=Male, 2=Female)	5. Age in years? Prompt FR to estimate if unsure. (99=DK)	5a. Is this an estimated age? (1=Yes, 2=No)	6. Relationship to respondent? Use G4 codes. For example, if individual is FR’s father, select code for “father”.	7. Highest level of education completed? Use G6 codes. (99=DK) For those still in school, this is <u>not</u> current year. Prompt to estimate if unsure.	8. Occupation(s)? Use G9 codes. (99=DK) Babies are likely code “60”. Kids in ECD are “50”. If “50”, continue. ELSE, skip to next row.	9. Of the last five days school was IN SESSION, how many days did this person attend? (99=DK)
A1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	2. Roster Number?	3. Did this person sleep here last night? (1=Yes, 2=No) <i>If NO, probe:</i> "Does this person usually stay here for 4 or more days a week, and eat from the same pot?" <i>If NO, delete person from table.</i>	4. Gender? (1=Male, 2=Female)	5. Age in years? <i>Prompt FR to estimate if unsure.</i> (99=DK)	5a. Is this an estimated age? (1=Yes, 2=No)	6. Relationship to respondent? <i>Use G4 codes.</i> <i>For example, if individual is FR's father, select code for "father".</i>	7. Highest level of education completed? <i>Use G6 codes.</i> (99=DK) <i>For those still in school, this is not current year. Prompt to estimate if unsure.</i>	8. Occupation(s)? <i>Use G9 codes.</i> (99=DK) <i>Babies are likely code "60". Kids in ECD are "50".</i> <i>If "50", continue. ELSE, skip to next row.</i>	9. Of the last five days school was IN SESSION, how many days did this person attend? (99=DK)
A3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A11	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A12	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	2. Roster Number?	3. Did this person sleep here last night? (1=Yes, 2=No) If NO, probe: “Does this person usually stay here for 4 or more days a week, and eat from the same pot?” If NO, delete person from table.	4. Gender? (1=Male, 2=Female)	5. Age in years? Prompt FR to estimate if unsure. (99=DK)	5a. Is this an estimated age? (1=Yes, 2=No)	6. Relationship to respondent? Use G4 codes. For example, if individual is FR’s father, select code for “father”.	7. Highest level of education completed? Use G6 codes. (99=DK) For those still in school, this is <u>not</u> current year. Prompt to estimate if unsure.	8. Occupation(s)? Use G9 codes. (99=DK) Babies are likely code “60”. Kids in ECD are “50”. If “50”, continue. ELSE, skip to next row.	9. Of the last five days school was IN SESSION, how many days did this person attend? (99=DK)
A13	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A14	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Confirm that the number of rows completed in the table matches the number of persons entered in question 1 before continuing to the next question.

10. Who is your oldest living biological girl-child among your biological children, even those who do not live with you? (**Enter her roster number. Enter 777 if FR has a biological girl-child but is not in the household and on roster. Enter 998 if FR has no biological girl-child and skip to Q12**).

What is her name: _____

11a. Did she sleep here last night? (1=Yes, 2=No)

11b. Gender: (1=Male, 2=Female)

11c. Age in years:

11d. Is this an estimated age? (1=Yes, 2=No) |____|

11f. Highest level of education completed? **Use G6 codes.** |____|

11g. Occupation(s)? Use G9 codes. |____| / |____| / |____| / |____| / Other: _____

11h. Of the last five days school was IN SESSION, how many days did child attend? |____|

12. Who is your oldest living biological boy-child among your biological children, even those who do not live with you? (**Enter her roster number. Enter 777 if FR has a biological girl-child but is not in the household and on roster. Enter 998 if FR has no biological girl-child and skip to Q12**). |____|

What is her name: _____

13a. Did he sleep here last night? (1=Yes, 2=No) |____|

13b. Gender: (1=Male, 2=Female) |____|

13c. Age in years: |____|

13d. Is this an estimated age? (1=Yes, 2=No) |____|

13f. Highest level of education completed? **Use G6 codes.** |____|

13g. Occupation(s)? Use G9 codes. |____| / |____| / |____| / |____| / Other: _____

13h. Of the last five days school was IN SESSION, how many days did child attend? |____|

[PROCEED TO THE CONTENT SECTION OF THE I-MODULE TO CONTINUE THE SURVEY.]

NOTE: THE CONTENT PORTION OF THE H-I-MODULE CONTAINS NO SECTIONS 1, 2, 3, & 4.

SECTION 5. Family Background

Read: Now I would like to ask you a few questions about yourself.

1. Did you participate in the previous (7-4-2-3) or the current (8-4-4) school system? (1=Previous, 2=Current, 3=No Schooling)

If no schooling, skip to question 7.

- 1a. What was the highest level of primary or secondary schooling completed? **Use G6 codes.**

If completed secondary school, continue. If completed primary school but not secondary school, skip to question 1c. If did not complete primary or secondary school, skip to question 2.

1b. What was your most recent secondary completion exam grade (i.e KCSE, CSE)?	99=DK 88=didn't take exam 77=results not out	i. Score <input type="text"/> Use E3 codes ii. Year of Exam <input type="text"/>
1c. What was your most recent primary school completion exam score (i.e. KCPE, CPE)?	9999=DK 8888= didn't take exam 7777=results not out	i. Score: (A) <input type="text"/> out of (B) <input type="text"/> total ii. Year of Exam <input type="text"/>

2. Did you attend any college, university, vocational training school, bible school, or other education? (1=Yes, 2=No)

If YES, continue. If NO, skip to question 7.

- 2a. What was the highest level of post-secondary schooling you have completed? **Use G6 codes.**

Fill in this table for any COLLEGE, UNIVERSITY, VOCATIONAL TRAINING SCHOOL, BIBLE SCHOOL, or OTHER were attended. Leave all other rows blank. If more than one course in a category, complete separate entry for each.

	<p>Skip to q.4 if bible school.</p> <p>3. In what discipline(s) was this training?</p> <p>Use E7 codes. If other, describe in FO comments.</p>	<p>4. For how long did you attend this training in total?</p> <p>For completed courses, include full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>Units: 1=Day 2=Week 3=Month 4=Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>5. Did you obtain a diploma, degree, or certificate from this training?</p> <p>Consider entire course, even if it lasted more than 1 yr.</p> <p>1=Yes, 2=No 3=Currently enrolled If NO, skip to next discipline or year. If YES, continue.</p> <p>Note: Count a driver's license as certificate.</p>	<p>6. What type of diploma, degree, or certificate was it?</p> <p>Probe for examination body if it is not institutional. Use E6 codes. Specify other in FO comments.</p>
(A) College	i. [] ii. [] iii. []	i. Num: ___ Unit: ___ ii. Num: ___ Unit: ___ iii. Num: ___ Unit: ___	i. [] ii. [] iii. []	i. [] ii. [] iii. []
(B) Bible school	i. [] ii. [] iii. []	i. Num: ___ Unit: ___ ii. Num: ___ Unit: ___ iii. Num: ___ Unit: ___	i. [] ii. [] iii. []	i. [] ii. [] iii. []
(C) Voc-Ed	i. [] ii. [] iii. []	i. Num: ___ Unit: ___ ii. Num: ___ Unit: ___ iii. Num: ___ Unit: ___	i. [] ii. [] iii. []	i. [] ii. [] iii. []
(D) University	i. [] ii. [] iii. []	i. Num: ___ Unit: ___ ii. Num: ___ Unit: ___ iii. Num: ___ Unit: ___	i. [] ii. [] iii. []	i. [] ii. [] iii. []
(E) Other Education	i. [] ii. [] iii. []	i. Num: ___ Unit: ___ ii. Num: ___ Unit: ___ iii. Num: ___ Unit: ___	i. [] ii. [] iii. []	i. [] ii. [] iii. []

7. What is your marital status? (1=Single, 2=Not married but co-habiting, 3=Married, living with spouse, 4=Married, not living with spouse, 5=Married (polygamous) and living with spouse(s), 6=Married (polygamous) and not living with spouse(s), 7=Divorced, 8=Separated, 9=Widowed)

If answer to question 7 is 5 or 6:

7a. How many wives/co-wives do you have?

Read: Now I would like to ask you some questions about your family.

8. Do you have any of your own children? By this we mean children that you are financially responsible for. **Ensure consistency between this and relationships on household roster. For instance, if respondent reported a son or daughter on the household roster, make sure this answer is YES.**

(1=Yes, 2=No)

If YES, continue. If NO, skip to section 6.

8a. How many of your own children do you have?

9. How many of these children attended school during the last school year?

If 1 or more, continue. Otherwise, skip to Section 6.

Read: I'd now like to ask you about each of your children that attended school during the last school year. I'd like to ask you about your (next) oldest child.

Questions	Codes	A: Child #1	B: Child #2	C: Child #3	D: Child #4
10. Household roster number of child:	88=Not present on roster	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10a. What is the child's name?					
10b. What is the child's age?		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11. What type of school did this child attend last school year? If child attending primary or secondary, continue. Otherwise skip to question 13.	1=Primary 2=Secondary 3=College 4=University 5=Vocational 6=Other	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____

Questions	Codes	A: Child #1	B: Child #2	C: Child #3	D: Child #4
12. What school was this child attending last school year?	E1 codes	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____
13. What standard/form was this child in last school year?	G6 codes	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____
14. How much did you pay in school/activity fees for this child in the last school year? Note: do not include contributions here; these will be captured later. Probe to ensure the FR is not including contributions.	99=DK For currency, use G12 codes.	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Any other amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Any other amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Any other amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	i. Term 1 Amount: <input type="text"/> ii. Term 2 Amount: <input type="text"/> iii. Term 3 Amount: <input type="text"/> iv. Any other amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____
15. How much have you spent on other school-related supplies for this child in the last school year? Probe for the amount spent on textbooks, uniforms, notebooks, etc.	99=DK For currency, use G12 codes.	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____
16. Were there any school development projects at this school in the last school year?	(1=Yes, 2=No)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
17. How much did you pay in contributions (for school projects or for school funds) for this child in the last school year? Note: if more than one child attending the same school, ensure that any parent-specific (rather than child-	99=DK For currency, use G12 codes.	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____

Questions	Codes	A: Child #1	B: Child #2	C: Child #3	D: Child #4
specific) contributions are included only once, for the eldest child.					
18. In the last school term, how many times was this child sent home because of school fees?		____	____	____	____
18a. In the last school term, how many days in total of school did this child miss after being sent home for not paying school fees?		____	____	____	____

FO NOTE: Is the oldest living biological girl-child in the schooling roster?

Is the oldest living biological girl-child currently enrolled in school? (1=Yes, 2=No) |____|

21a. What type of school did oldest girl-child attend last school year? |____|

0= Nursery

1= Primary

2= Secondary

3= College

4= University

5= Vocational

6= None

22. What school was oldest girl-child attending last school year? **Use E1 codes** |____|

23. What standard/form was this child in last school year? |____|

24. How much did you pay in school/activity fees for this child in the last school year?

i. Term 1: |_____| Currency? **Use G12 codes** |____|

ii. Term 2: |_____| Currency? **Use G12 codes** |____|

iii. Term 3: |_____| Currency? **Use G12 codes** |____|

25. How much did you spend on other school-related supplies for this child in the last school year?

Amount: |_____| Currency? **Use G12 codes** |____|

26. Were there any school development projects at this school in the last school year? (1=Yes, 2= No) |____|

27. How much did you pay in contributions (for school projects or for school funds) for this child in the last school year?
Amount: _____ Currency? **Use G12 codes.** _____

28. In the last school term, how many days was the oldest girl-child sent home because of school fees? _____

FO NOTE: Is the oldest living biological boy-child in the schooling roster?

Is the oldest living biological boy-child currently enrolled in school? (1=Yes, 2=No) _____

21a. What type of school did oldest boy-child attend last school year? _____

0= Nursery

1= Primary

2= Secondary

3= College

4= University

5= Vocational

6= None

22. What school was oldest boy-child attending last school year? **Use E1 codes** _____

23. What standard/form was this child in last school year? _____

24. How much did you pay in school/activity fees for this child in the last school year?

i. Term 1: _____ Currency? **Use G12 codes** _____

ii. Term 2: _____ Currency? **Use G12 codes** _____

iii. Term 3: _____ Currency? **Use G12 codes** _____

25. How much did you spend on other school-related supplies for this child in the last school year?

Amount: _____ Currency? **Use G12 codes** _____

26. Were there any school development projects at this school in the last school year? (1=Yes, 2= No) _____

27. How much did you pay in contributions (for school projects or for school funds) for this child in the last school year?

Amount: _____ Currency? **Use G12 codes.** _____

28. In the last school term, how many days was the oldest boy-child sent home because of school fees? _____

If ANOTHER CHILD is attending school, go back to column B and collect information for that child.

SECTION 6. Home Characteristics and Assets

Refer to the main house of the household, as defined in the household census, not simbas (i.e., sleeping huts for young unmarried men). Also, we are only interested in the current residence, not (necessarily) ancestral land (even if the current residence is a rental).

Do not ask the following question on housing materials, simply observe and record your observations in the following questions:

0a. Of what material are the floors made?

(1=Cement, 2=Mud, 3=Part mu, part cement, 4=Tiles, 5= Other(specify) |___| Other: _____

0b. Of what material is the roof made? |___|

1=Iron / tin

4= Cement / concrete

2=Grass

5= Tiles

3= Leaves

6= Other, describe: _____

0c. Of what material are the walls made?

(1=Cement, 2=Mud, 3=Brick, 4=Cement/mud mixed, 5=Iron sheets/ Metal / Steel

6=Stone, 7=Reed, 8=None/incomplete, 9=Other) |___| Other: _____

Read: Now I'd like to ask you some questions about your home and household. Think of your current residence / the building you eat in.

1. Do you have electricity, from any source (including a car battery or generator)? **Include electricity from any source (power grid, solar, battery, etc). It can be intermittant (not always on).** (1=Yes, 2=No) |___|

If YES, continue. If NO, skip to question 2.

1a. What is the source of your electricity? **Prompt FR with each source. Indicate all that apply.** (1=Yes, 2=No)

1= National electricity service (i.e., Kenya – KPLC) |___|

2= Generator |___|

3= Car battery |___|

4= Solar home system |___|

5= Other (specify) |___| Other: _____

2. What kind of toilet facility does your household use most often?

(1=None, 2=Latrine, 3=Toilet, 4=Other (specify), 5= Portable toilet) |___| Other: _____

2a. **If 1, 3, 4 or 5, ask:** Do you have a latrine? (1=Yes, 2=No) |___|

3. How many separate rooms do you have in your house? **Include those separated by sheets. Do not include store rooms or toilet rooms. Include simbas as separate rooms.** |___|

4. What was your main water source in the last 7 days? (1=Pipe, 2=Well (gather), 3=Protected spring, 4=Unprotected spring, 5=Collected rainwater, 6=Lake, 7=River, 8=Borehole well, 9=Other) |___| Other: _____

5. Does your household own or rent the house / apartment where you live? (1=Own, 2=Rent, 3=Company housing, 4=Government Housing, 5=Other (specify)) |___| _____

If OWN, continue. If RENT, skip to question 5b. OTHERWISE, skip to question 7.

5a. If you wanted to build a house like yours in this village, how much would it cost (both for materials and for labor)? _____ (KSh)

5b. How much in shillings does your household pay for rent each month for this house / apartment? Amount (9999=DK): _____

Currency if NOT Kenyan shillings (use G12 codes): _____ Other: _____

5c. Does the house / apartment rest on land (greater than 0.25 acres) that you use for agricultural purposes? (1=Yes, 2=No) _____

If NO, skip to question 13. If YES, continue.

5d. How much of this land was used for agricultural purposes (in acres)? (9999=DK) **Do not include land in this count that was rented exclusively for agricultural purposes, only that which was included with the rental house / apartment.**

1 Hectare ≈ 2.5 Acres _____ Acres

6. How much land does your household own (in acres)? **1 Hectare ≈ 2.5 Acres** (9999=DK) _____ Acres

If ZERO, skip to question 8. If DK, skip to question 7. OTHERWISE, continue.

6a. How much does it cost to buy an acre of land in this village? _____ (KSh)

6b. How much of the land you own is used for agricultural purposes (in acres)? (9999=DK)

1 Hectare ≈ 2.5 Acres _____ Acres

7. In the last 12 months, did you rent any of the land owned by your household to people outside of your household? (1=Yes, 2=No) _____

If NO, skip to question 8. If YES, continue.

7a. How much of this land did you rent to people outside of your household (in acres)?

1 Hectare ≈ 2.5 Acres (9999=DK) _____ Acres

7b. For how many months of the last 12 did you rent out this land? _____ months

7c. For how much do you rent out this land each month that it is rented? **If paid in kind, ask FR to estimate value of payment in shillings.** Amount (9999=DK): _____

Currency if NOT Kenyan shillings (use G12 codes): _____ Other: _____

8. In the last 12 months, has your household rented land from others? **If the household rents an apartment / house, but no other land, answer "NO".** (1=Yes, 2=No) _____

If NO, skip to question 9. If YES, continue.

8a. How much land has your household rented from others in the last 12 months (in acres)? (9999=DK)

1 Hectare ≈ 2.5 Acres _____ Acres

If DK, skip to question 8c. OTHERWISE, continue.

8b. How much of this land was used for agricultural purposes (in acres)? (9999=DK)

1 Hectare ≈ 2.5 Acres _____ Acres

8c. For how many months did you rent this land in the last 12 months? _____ months

8d. For how much did you rent this land each month that it was rented? ***If paid in kind, ask FR to estimate value of payment in shillings. If FR gives an amount per “season” or other time period, clarify with them further to calculate the monthly rate.*** Amount (9999=DK):
 Currency if NOT Kenyan shillings (use G12 codes): Other:

Read: Now I'd like to ask you some questions about places around you.

9. What is the nearest weekly market center to you? **Use M1 codes**
 If other, specify:

9a. How long does it take you to travel (one-way) to this market center?
 minutes
 mode of transportation **Use M2 codes**

9b. In the last month, from what other market centers have you purchased goods? **Use M1 codes** / / / / Other (specify):

For the following table, ask questions going across, filling in each shop type with the category in the left-most column.

SHOP	10. Have you purchased any goods or services from a [SHOP] in the last month? (1=Yes, 2=No)	11. Now I'd like you to think of the [SHOP] that your household visits most often. How many minutes does it take you (one-way) to get to this shop? (88=Never visited)	11a. By what mode of transportation? Use M2 codes	12. What is the total number of [SHOP] located in your village?
(A) M-PESA shop	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/>
(B) Posho mill	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/>
(C) Barber shop/Kinyozi	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/>
(D) Beauty shop/Salon	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/>
(E) Tailor	<input type="text"/>	<input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/>

(F) Butcher	<input type="text"/>	<input type="text"/>	Other: <input type="text"/>	<input type="text"/>
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Read: Now I'd like to ask you about some of the things your household owns.

13. How many of the following items does your household own?

Count all items in the current residence, plus anything the FR owns that is in another location.

ITEM	QTY OWN (99=DK)	Total Value (KSH)	ITEM	QTY OWN (99=DK)	Total Value (KSH)
(A) Bicycle	<input type="text"/>	<input type="text"/>	(R) Computer/tablet	<input type="text"/>	<input type="text"/>
(B) Motorcycle / scooter	<input type="text"/>	<input type="text"/>	(S) Mobile phone	<input type="text"/>	<input type="text"/>
(C) Car / truck	<input type="text"/>	<input type="text"/>	(T) Car battery Probe: Do not include batteries that are in a car.	<input type="text"/>	<input type="text"/>
(D) Kerosene stove	<input type="text"/>	<input type="text"/>	(U) Boats (motorized or other)	<input type="text"/>	<input type="text"/>
(E) Radio / cassette player / CD player	<input type="text"/>	<input type="text"/>	(V) Iron/Metal/Steel sheets	<input type="text"/>	<input type="text"/>
(F) Sewing machine	<input type="text"/>	<input type="text"/>	(W) Farming tools (hoes, pangas, etc)	<input type="text"/>	<input type="text"/>
(G) Kerosene lantern	<input type="text"/>	<input type="text"/>	(X) Hand carts	<input type="text"/>	<input type="text"/>
(H) Bed	<input type="text"/>	<input type="text"/>	(Y) Wheelbarrows	<input type="text"/>	<input type="text"/>
(I) Mattress	<input type="text"/>	<input type="text"/>	(Z) Ox plow	<input type="text"/>	<input type="text"/>
(J) Bednet	<input type="text"/>	<input type="text"/>	(AA) Cattle	<input type="text"/>	<input type="text"/>
(K) Tables	<input type="text"/>	<input type="text"/>	(BB) Goat	<input type="text"/>	<input type="text"/>
(L) Sofa pieces (all kinds)	<input type="text"/>	<input type="text"/>	(CC) Sheep	<input type="text"/>	<input type="text"/>
(M) Chairs	<input type="text"/>	<input type="text"/>	(DD) Chicken	<input type="text"/>	<input type="text"/>
(N) Cupboards/Dressers	<input type="text"/>	<input type="text"/>	(EE) Other birds (ducks, geese, turkeys)	<input type="text"/>	<input type="text"/>
(O) Clock or watch	<input type="text"/>	<input type="text"/>	(FF) Pig	<input type="text"/>	<input type="text"/>
(P) Electric iron	<input type="text"/>	<input type="text"/>	(GG) Solar panel	<input type="text"/>	<input type="text"/>
(Q) Television	<input type="text"/>	<input type="text"/>	(HH) Generator	<input type="text"/>	<input type="text"/>

14. In the last seven days, how many hours have you spent doing household chores for your household? **Prompt: Household chores include activities such as cleaning, dusting, sweeping, washing dishes or clothes, ironing, collecting water, slashing, etc. Do not include time spent on childcare.** hours

15. In total, how many people have performed household chores for your household over the last seven days? **Include both household members and non-household members, and the FR, if applicable. FRs who are live-in house help or live-in guards should be considered 1-person households unless they have a spouse or dependent living with them (in which case you should include these individuals as well).**

If the responses to questions 8 and 9 are BOTH ZERO, skip to Section 7. Otherwise, continue.

16. In the last seven days, how many hours did members of your household – not including you – spend doing household chores for your household? **Include anyone who lives in the household, “eats from the same pot” and spends 4 nights or more in an average week sleeping in your home even if they are live-in domestic help. Recall that FRs in boarding school should be considered 1-person households. FRs who are live-in house help or live-in guards should be considered 1-person households also unless they have a spouse or dependent living with them (in which case you should include these individuals as well). If the FR lives alone, list “0”.**

|__| hours

17. In the last seven days, how many hours did workers from outside the household (such as hired maids who do not live with you) spend doing household chores? |__| hours
If ZERO, skip to Section 7. Otherwise, continue.

18. In the last seven days, how much have you spent in total (including cash and in-kind payments) on people from outside the household assisting with household chores? **If payment is in kind, ask to estimate in shillings.** Amount (99=DK): |__|
Currency if NOT Kenyan shillings (**use G12 codes**): |__| Other: _____

SECTION 7. Farming and Agriculture

Read: We would now like to discuss the agricultural or pastoral activities that you and other members of your household perform.

1. Do members of your household perform any agricultural or pastoralist activities for yourselves? (1=Yes, 2=No)
- Recall that FRs in boarding school count as a 1-person household. Live-in house help and live-in guards count as 1-person households unless they have a spouse or dependents living with them (in which case those individuals should also be included).**
- IF YES, proceed to question 1a. IF NO, skip to Section 8.**

Do not read: the following activities are considered agricultural/ pastoral: Agriculture; Livestock farming; Poultry; Fish pond; Other. Probe FR to ensue all agricultural activities are captured

- 1a. How many agricultural or pastoral activities do you and other members of your household perform?

Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3
2. What are the agricultural or pastoralist activities that members of your household perform? List up to 3 agricultural or pastoralist activities. Start with agriculture if the household performs it. Otherwise, start with the activity that the FR considers to be most important. "Tree planting" counts as agriculture (ignore trees that are planted solely for shade). If LIVESTOCK, FISH POND or POULTRY, skip to question 5. OTHERWISE, continue.	1=Agriculture 2=Livestock farming 3=Poultry 4=Fish pond 5=Other (specify)	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
3. What is the total size of the land you used for this activity in the last 12 months? If AGRICULTURE, continue. OTHERWISE, skip to question 5.	1 Hectare ≈ 2.5 Acres	<input type="text"/> . <input type="text"/> acres	<input type="text"/> . <input type="text"/> acres	<input type="text"/> . <input type="text"/> acres
4. What crops have you grown in the last 12 months? List the ten most	Use F1 codes	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	--	--

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3
<i>important crops if there are more than 10 total. Include both fruit bearing and non-fruit bearing trees as long as they are not planted solely for shade purposes.</i>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____ _____		
5. Did you sell any of the output from this activity in the last 12 months? If YES, continue. If NO, go to question 7.	1=Yes, 2=No, 99=DK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5a. How much did you receive in total in sales from this activity in the last 12 months? If agriculture, include all crops, fruits and vegetables sold.	99=DK For currency, use G12 codes.	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____	Amount: _____ Currency if NOT Ksh: _____ Other: _____
6. How many hours did you work in total in this business / activity in the last 7 days?		_____ hours	_____ hours	_____ hours
7. In total, how many people worked on this activity over the last 12 months? Include both household members and non-household members, and the FR, if applicable.	99=DK	_____	_____	_____
8. How many hours did members of your household – not including you – work in this business/activity in the last 7 days?	99=DK	_____ hours	_____ hours	_____ hours
9. In total, how many workers from outside the household (e.g. casual workers) to work on this activity did you hire during the last 12 months? Count casual workers that worked part-time as well. Count each worker once. If ZERO, skip to question 13.	99=DK	_____	_____	_____
10. How many hours did workers from outside the household work in this business / activity during the last 7 days?	99=DK	_____ hours	_____ hours	_____ hours

Questions	Codes	A: Current Activity #1	B: Current Activity #2	C: Current Activity #3
11. How much did you spend on salaries for workers from outside the household in this business or activity during the last 12 months? <i>If payment is in kind, ask to estimate in shillings.</i>	99=DK <i>For currency, use G12 codes.</i>	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____
12. How much did you spend on the following items for this activity during the last 12 months? a. Tools and machinery (i.e plows, machetes, hoes, rental of tractors) b. Animal medicine c. Fertilizer d. Irrigation e. Improved/hybrid seeds f. Formal agricultural insurance <i>If unsure, FR can estimate.</i>	99=DK; <i>For currency, use G12 codes.</i>	a. Amount: ____ b. Amount: ____ c. Amount: ____ d. Amount: ____ e. Amount: ____ f. Amount: ____ Currency if NOT Ksh: __ Other: _____	a. Amount: ____ b. Amount: ____ c. Amount: ____ d. Amount: ____ e. Amount: ____ f. Amount: ____ Currency if NOT Ksh: __ Other: _____	a. Amount: ____ b. Amount: ____ c. Amount: ____ d. Amount: ____ e. Amount: ____ f. Amount: ____ Currency if NOT Ksh: __ Other: _____
13. Did you receive any instruction from an agricultural extension worker for this activity during the last 12 months?	1=Yes, 2= No	__	__	__

If ANOTHER ACTIVITY was entered, return to question 2 and fill in the next column. If NOT, continue to the next section.

SECTION 8. Self-Employment

1. Other than in farming, are you currently self-employed or running a business to earn a living? (1=Yes, 2=No)

If YES, continue. If NO, skip to Section 9.

Read: Now I would like to learn about each of the current businesses you are running or the activities you are performing while self-employed, starting with your current most important self-employment position.

1a. How many businesses are you currently running while self-employed?

READ: List your self-employed businesses, starting with your most important self-employment position.

Ask the FR to think of their current businesses, in either agriculture or other industries. Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
2. In what industry is this business? List for all businesses or activities.	Use F2 codes	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
3. Is this business located within your village?	1=Yes, 2= No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. How many hours did you work in total in this business in the last 7 days?		<input type="checkbox"/> hours	<input type="checkbox"/> hours	<input type="checkbox"/> hours
5. In the last 12 months, what months did you work in this business?	1= Yes, 2= No	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec
6. How many workers are you currently employing? Do not include the FR. If NOT ZERO, continue. If ZERO, skip to question 7.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6a. How many of these workers live in your household?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6b. In the last month, what was the total amount of salary or wages paid to all workers?	For currency use G12 codes	Amount: <input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/> Other: _____	Amount: <input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/> Other: _____	Amount: <input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/> Other: _____
7. What were your total earnings (money in only – do not subtract any	For currency use G12 codes	a. Amount: <input type="checkbox"/>	a. Amount: <input type="checkbox"/>	a. Amount: <input type="checkbox"/>

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
expenses) from this business in the: 7a. Last month? 7b. Last 12 months? Here we mean the amount you received from this business for sales & services provided before subtracting any expenses for payment of workers, or purchase of inputs, personal, or family items. If unsure, FR can estimate.		Currency if NOT Ksh: __ Other: _____ b.Amount: ____ Currency if NOT Ksh: __ Other: _____	Currency if NOT Ksh: __ Other: _____ b.Amount: ____ Currency if NOT Ksh: __ Other: _____	Currency if NOT Ksh: __ Other: _____ b.Amount: ____ Currency if NOT Ksh: __ Other: _____
Read: I'd like to remind you that the data we collect here is entirely confidential, and will not be reported to the authorities. 8. Is the business licensed with the county government? If NO, skip to question 9. ELSE, continue.	1=Yes, 2=No	__	__	__
8a. How much did you pay for the license?	For currency use G12 codes; 98=Refuse, 99=DK	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____
8b. How many months in total is this license valid?		__ months	__ months	__ months
9. Is the business name registered with the government?	1=Yes, 2=No	__	__	__
10. Is the business registered as a limited company?	1=Yes, 2=No	__	__	__
11. What was your total profit from this business in the: 11a. Last month? 11b. Last 12 months? Here we mean the amount you received after paying for expenses for this business, including hired workers, money for household	For currency use G12 codes	a.Amount: ____ Currency if NOT Ksh: __ Other: _____ b.Amount: ____	a. Amount: ____ Currency if NOT Ksh: __ Other: _____ b.Amount: ____	a. Amount: ____ Currency if NOT Ksh: __ Other: _____ b.Amount: ____

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
members who helped, purchase of goods for sale or for inputs, such as raw materials, fuel, and electricity, but before purchasing personal items for yourself or your household. If unsure, FR can estimate.		Currency if NOT Ksh: __ Other: _____	Currency if NOT Ksh: __ Other: _____	Currency if NOT Ksh: __ Other: _____
12. In what month and year did you start, purchase, or gain control of this business? If unsure, FR can estimate.	(MM/YYYY)	__ / __ __ __	__ / __ __ __	__ / __ __ __
13. How much did you have to invest in order to start, purchase or gain control of this business? Include all monetary assistance that others contributed to allow FR to start this business. If ZERO, skip to question 15.	0 = Business was inherited or transferred for free (gift) For currency use G12 codes	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____	Amount: ____ Currency if NOT Ksh: __ Other: _____
14. How did you obtain the resources you initially invested in this business? List the main source.	1= Own savings 2= Loan from relatives 3= Gift from relatives 4= Loan from friends 5= Gift from friends 6= Bank loan 7= Merry-go-round 8= SACCO 9= Other (specify)	a. __ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b __ Other: _____	a. __ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b __ Other: _____	a. __ (1,2, 3, etc) Other: _____ If "2", "3", "4" or "5", specify using G4 codes: b __ Other: _____
15. Do you own the premises of your business? If NO, cont. If YES or MY BUSINESS HAS NO PREMISES, go to question 16.	1=Yes, 2=No, 3=My business has no premises (ancestral home=1; for fisherman, do they own their boat?)	__	__	__
15a. How much do you pay for rent per month?	For currency use G12 codes	Amount: ____	Amount: ____	Amount: ____

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
		Currency if NOT Ksh: Other: _____	Currency if NOT Ksh: Other: _____	Currency if NOT Ksh: Other: _____
<p>16. Last month, how much did you spend, in this business, on:</p> <p>a. Electricity and water? (from all sources)</p> <p>b. Insurance? (exclude health insurance since that is already captured in question 17).</p> <p>c. Interest payments?</p> <p>d. Purchases of goods for resale?</p> <p>e. Purchases of inputs (i.e., raw materials)?</p> <p>f. Repairs / maintenance, or rental of equipment?</p> <p>g. Security? (monthly costs only, like guards, maintaining fences, etc)</p> <p>h. Other operating costs, excluding salaries, wages, and rent? (i.e. advertising, transportation)</p>	<p>99 = DK For currency use G12 codes</p> <p>99 = DK For currency use G12 codes</p>	<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p> <p>f. Ksh _____ </p> <p>g. Ksh _____ </p> <p>h. Ksh _____ </p> <p>Currency if NOT Ksh: Other: _____</p>	<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p> <p>f. Ksh _____ </p> <p>g. Ksh _____ </p> <p>h. Ksh _____ </p> <p>Currency if NOT Ksh: Other: _____</p>	<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p> <p>f. Ksh _____ </p> <p>g. Ksh _____ </p> <p>h. Ksh _____ </p> <p>Currency if NOT Ksh: Other: _____</p>
<p>17. Last month, how much did you spend on:</p> <p>a. NSSF / Health insurance?</p> <p>b. Market fees?</p> <p>c. Taxes or fees to the county government? Exclude license payments, as this was captured in question 8</p> <p>d. Taxes or fees to the national government?</p> <p>e. Taxes, fees or fines to the Chiefs/assistant chiefs/village elders</p>		<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p>	<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p>	<p>a. Ksh _____ </p> <p>b. Ksh _____ </p> <p>c. Ksh _____ </p> <p>d. Ksh _____ </p> <p>e. Ksh _____ </p>

Questions	Codes	A: Current Primary Business	B: Current Business #2	C: Current Business #3
f. Additional payments to government officials, police or other authorities in order to do business? (<i>i.e., bribes - but don't use that word</i>)		f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	f. Ksh _____ Currency if NOT Ksh: _____ Other: _____
18. Have you experienced any vandalism or theft from your business in the last 12 months?	1=Yes, 2=No	a. _____ explain: _____ b. Value of lost / damaged items: Amount: _____ Currency if NOT Ksh _____ Other _____		

If there is ANOTHER BUSINESS OR ACTIVITY, return to question 2 and fill in the next column. If NOT, skip to next section.

SECTION 9. Employment

1. Are you currently employed, working for pay? *Probe FR as to whether he or she has worked on another person's farm for pay in the last 12 months. If so, count this as a job and fill out a distinct column for this job.* (1=Yes, 2=No) | ___ |

If YES, skip to the statement before question 2. If NO, continue.

1a. Are you currently working as a volunteer, intern or an attachment, with either no pay or only occasional pay? (1=Yes,2=No) | ___ |

This includes working voluntarily for a relative who is not a member of the FR's household.

If YES, skip to the statement before question 2. If NO, continue.

Read: Now I would like to learn about what jobs you currently hold, including both paid and unpaid jobs (and internships and attachments), starting with your most important position. Please count as a job any work for pay on another persons's farm in the last 12 months. Please do not include self-employment positions in your answer.

How many current jobs do you work? | ___ |

Ask FR to think of all their current jobs. Prompt FR to think about any work they have done for pay on someone else's farm. Fill in the table by proceeding across for question 2, then down each column.

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
2. In what month and year did you start this job? <i>List up to 3 of the FR's current jobs. Ask FR to estimate if unsure.</i>	(MM/YYYY)	___/____	___/____	___/____
3. In what occupation is this work?	Use G9 codes (99=DK)	Other: ___	Other: ___	Other: ___
3a. Is this a current agricultural position?	1=Yes, 2=No	___	___	___
4. In what industry is this work?	Use F2 codes	Other: ___	Other: ___	Other: ___
5. In this position, what is your employment status? <i>If had different statuses at different</i>	Use F6 codes	___	___	___
		Other: _____	Other: _____	Other: _____

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
<i>points in time, use most recent.</i>				
6. This position's working patterns could be best described as: If SEASONAL, continue. OTHERWISE, skip to question 7.	1 = Full time 2 = Part time 3 = Seasonal 4 = Other (<i>specify</i>)	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____
6a. In which months did you work during the last 12 months? Include all months for which the FR worked during some part of the month.	1= Yes, 2= No	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec	<input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec
7. How many hours did you work at this job during the last 7 days?		<input type="text"/> hours	<input type="text"/> hours	<input type="text"/> hours
8. Approximately how many other employees work at this place / business where you work? Do not include FR in this count.	0=no other employees; 1=1-5; 2=6-10; 3=7-20; 4=21-99; 5=100 or more; 99=DK	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. What is / was the amount of your <u>cash salary</u> for the last month? Ask for pre-tax salary, where applicable. If this is an agricultural laborer position that is no longer current, ask for last month working.	For currency, use G12 codes	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____
10. What is/ was the amount you paid in income taxes for the last month? If this is an agricultural laborer position that is no longer current, ask for last month working.	For currency, use G12 codes	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____	Amount: <input type="text"/> Currency if NOT Ksh: <input type="text"/> Other: _____
11. For the last month at this job, what was the total value of your: a. payment in kind in food?	For currency, use G12 codes	a. Ksh <input type="text"/> b. Ksh <input type="text"/> c. Ksh <input type="text"/>	a. Ksh <input type="text"/> b. Ksh <input type="text"/> c. Ksh <input type="text"/>	a. Ksh <input type="text"/> b. Ksh <input type="text"/> c. Ksh <input type="text"/>

Questions	Codes	A: Current primary/ most important employed position #1	B: Current Employed Position #2	C: Current Employed Position #3
b. NSSF / health insurance? c. housing benefits? d. uniforms / clothing benefits? e. training allowance? f. other allowances and benefits? FR can estimate if unsure.		d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____	d. Ksh _____ e. Ksh _____ f. Ksh _____ Currency if NOT Ksh: _____ Other: _____

If there is ANOTHER JOB, return to question 2 and fill in the next column. If NOT, skip to next section.

SECTION 10. Savings, Credit and Community Contributions

0. Do you or someone in your household have an M-Pesa account? (1=Yes, 2=No)

If YES, continue to question 10a. If NO, skip to question 1.

0a. When did you or someone in your household start an M-Pesa account? (DD/MM/YYYY) / /
If DK, fill in "Jan 1900".

1. Do you have any type of account in a bank? (1=Yes, 2=No)

If YES, continue to question 1a. If NO, skip to question 2.

1a. Do you have a savings account in a bank? (1=Yes, 2=No)

2. Do you participate in a SACCO? (1=Yes, 2=No)

If YES, continue to question 2a. If NO, skip to question 3.

2a. What was your SACCO contribution last month?

Amount: Currency if NOT Ksh (**use G12 codes**) Other:

3. Do you participate in a merry-go-round or ROSCA? (1=Yes, 2=No)

If YES, continue to question 3a. If NO, skip to question 3j.

3a. How many different merry-go-rounds or ROSCAs do you participate in?

3b. What is the total amount in shillings of merry-go-round / ROSCA contributions that you made last month? Ksh

Currency if NOT Ksh (**use G12 codes**) Other:

3c. In the past 12 months, have you taken any loans from a merry-go-round or ROSCA? (1=Yes, 2=No)

3d. What is the total amount of loans you took from a merry-go-round or ROSCA in the past 12 months?

Amount: Currency if NOT Ksh (**use G12 codes**) Other:

3e. What was the purpose of those loans? **Use T1 codes. Select up to 3.** Other(specify):

3f. How much interest was charged on the most recent loan you took from a Merry-go-round or ROSCA?

1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 99, -99=DK.

Unit Amount: per unit of time:

3h. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**
|_|_|/|_|_|_|_|_|

3i. Are you currently in default on this loan? (1=Yes, 2=No) |_|_|

3j. In the past 12 months, did you ask for a loan from a merry-go-round or ROSCA but not get it? 1=Yes, 2=No) |_|_|

4. In the past 12 months, have you taken any loans from a commercial bank or commercial lender?
(1=Yes, 2=No) |_|_|

If YES, continue to Question 4a. If NO, skip to question 4f.

4a. What is the total amount of loans you took from commercial banks or commercial lenders in the past 12 months?
Amount: |_|_|_|_| Currency if NOT Ksh (use G12 codes) |_|_| Other: _____

4b. What was the purpose of those loans? **Use T1 codes. List all that apply.**
|_|_| |_|_| |_|_| Other: _____

4c. How much interest was charged on the most recent loan you took from a commercial bank or commercial lender? (Units:
1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)
If no interest charged, fill in all three blanks with -88, -99=DK.
Unit |_|_| _____ Amount: |_|_|_| per unit of time: |_|_|

4d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**
|_|_|_|_|/|_|_|_|_|_|_|_|_|

4e. Are you currently in default on this loan? (1=Yes, 2=No) |_|_|

4f. In the past 12 months, did you apply for a loan from a commercial bank or commercial lender but not get it?
(1=Yes, 2=No) |_|_|

5. In the past 12 months, have you taken any loans (i.e. borrowed money) from a shylock (moneylender)?
(1=Yes, 2=No) |_|_|

If YES, continue to question 5a. If NO, skip to question 5e.

5a. What is the total amount of loans you took from shylocks (moneylenders) in the past 12 months? Amount: |_|_|_|_| Currency if
NOT Ksh (use G12 codes) |_|_| Other: _____

5b. What was the purpose of those loans? **Use T1 codes. List all that apply.**
|_|_| |_|_| |_|_| Other: _____

5c. How much interest was charged on the most recent loan you took from a shylock (moneylender)? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush;
Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)
If no interest charged, fill in all three blanks with -88, -99=DK.
Unit |_|_| _____ Number: |_|_| per unit of time: |_|_|

5d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**
|_|_|_|/|_|_|_|_|_|_|_|

5e. Did you ask for a (another) loan from a shylock (moneylender) in the past 12 months but not get it? (1=Yes, 2=No) |_|_|

6. In the past 12 months, have you taken any loans (i.e. borrowed money) from M-Shwari? (1=Yes, 2=No) |_|_|
If YES, continue to question 6a. If NO, skip to question 6f.

6a. What is the total amount of loans you took from M-Shwari in the past 12 months?
Amount: |_|_|_|_| Currency if NOT Ksh (**use G12 codes**) |_|_| Other: _____

6b. What was the purpose of those loans? **Use T1 codes. List all that apply.**
|_|_| |_|_| |_|_| Other: _____

6c. How much interest was charged on the most recent loan you took from M-Shwari? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)
If no interest charged, fill in all three blanks with -88, -99=DK.
Unit |_|_| _____ Amount: |_|_| per unit of time: |_|_|

6d. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**
|_|_|_|/|_|_|_|_|_|_|_|

6e. Did you ask for a (another) loan from M-Shwari in the past 12 months but not get it? (1=Yes, 2=No) |_|_|

7. In the past 12 months, have you ever borrowed money from someone else outside your household? By borrowing, I mean that you have received money that you had to repay or will have to repay at some point in the future. **By borrowing, I mean that you have received money that you had to repay or will have to repay at some point in the future.** (1=Yes, 2=No)
|_|_|

If YES, continue to question 7a. If NO, skip to question 7f.

7a. What is your relationship to those people? **Use G4 codes. List up to 3 relationships, starting with the relationship of the person FR borrowed the most from. If the FR has borrowed money from more than 3 people outside the household, make a comment at the bottom of this page with the total number of individuals borrowed from. Choose codes such that, for instance, if the sender is the FR's mother, you select the code for "mother".**

Other: _____

7b. What is the total amount you borrowed from friends or from relatives outside your household in the past 12 months?

Amount: Currency if NOT Ksh (use G12 codes) Other: _____

7c. What was the purpose of that borrowing? **Use T1 codes. List all that apply.**

Other: _____

7d. How much interest was charged on the most recent loan you took from someone else outside your household? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with -88, -99=DK.

Unit _____ Number: per unit of time:

7e. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**

/

7f. Did you ask for a (another) loan from someone else outside your household in the past 12 months but not get it? (1=Yes, 2=No)

8. In the past 12 months, have you ever lent money to someone outside your household? By lending, I mean that you gave money to someone that you have received back or are expecting to receive back at some point in the future.

(1=Yes, 2=No)

If YES, continue to questions 8a. If NO, skip to question 8e.

8a. What is your relationship to those people? **Use G4 Codes. List up to 3 relationships, starting with relationship of person FR lent the most money to. If the FR has lent money to more than 3 people outside the household, please make a comment at the bottom of this page with the total number of people lent to. Choose codes such that, for instance, if the sender is the FR's mother, you select the code for "mother".**

Other: _____

8b. What is the total amount you lent to people outside your household in the past 12 months? Amount: |_____| Currency if NOT Ksh (use G12 codes) |_____| Other: _____

8c. How much interest did you charge on the most recent loan you gave to someone outside your household? (Units: 1=Ksh, 2=Rate / percent, 3=Other (specify), 4=Ush; Units of time: 1=Day; 2=Week; 3=Month; 4=Year; 88=Flat rate)

If no interest charged, fill in all three blanks with 88.

Unit |_____| _____ Number: |_____| per unit of time: |_____|

8d. By when is / was this person supposed to pay back the loan? (MM/YYYY) **If no specific date given, fill in "77/7777".**

|__|_|_|/|__|_|_|_|_|_|

8e. Did someone ask for a loan in the past 12 months but you did not give it?

(1=Yes, 2=No) |_____|

9. Have you contributed to any harambees in the past 12 months? (1=Yes, 2=No) |_____|

If YES, continue. If NO, skip to question 10.

9a. How many harambees have you contributed to? |_____|

9b. What was the harambee for, and how much did you contribute?

If more than 5, ask respondent to pick harambees to which they contributed the most

i. Purpose **C1 codes** |_____| Other: _____ Amount (KSh): |_____|

ii. Purpose **C1 codes** |_____| Other: _____ Amount (KSh): |_____|

iii. Purpose **C1 codes** |_____| Other: _____ Amount (KSh): |_____|

iv. Purpose **C1 codes** |_____| Other: _____ Amount (KSh): |_____|

v. Purpose **C1 codes** |_____| Other: _____ Amount (KSh): |_____|

vi. Amount of any additional harambee contributions: |_____|

10. In the past 12 months, did you make any contributions in money or labor to a church, mosque or other religious group? (1=Yes, 2=No)

|_____|

If YES, continue. If NO, skip to question 11.

10a. How much money did you contribute in the last 12 months? |_____| KSh

10b. How many hours did you work on projects for this religious group in the last year? ***If did not work any hours, please enter 0. If unsure, FR may estimate. If FR does not know, enter 99. 98=Refuse.***

|_____| hours

11. In the past 12 months, did you make any contributions to other village services (health clinics, wells, etc) that were collected by a village elder, assistant chief or chief? (1=Yes, 2=No) |____|

If YES, continue. If NO, skip to question 12.

11a. If yes, how much money did you contribute in the past year? (Ksh) |_____| ***98=Refuse, 99=DK***

12. In the past 12 months, did you make any other contributions that we have not yet asked about? (1=Yes, 2=No) |____|

If YES, continue. If NO, skip to question 13.

12a. How many other projects/causes have you contributed to? |____|

12b. What was the contribution for, and how much did you contribute?

i. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

ii. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

iii. Purpose **C1 codes** |____| Other: _____ Amount (KSh): |_____|

v. Amount of any additional contributions: |_____|

13. In the last 12 months, did you pay any other taxes, fees or fines to the village elder, assistant chief or chief?

(1=Yes, 2=No) |____|

If YES, continue. If NO, skip to question 14.

13a. How much did you pay in other taxes or fees in the past 12 months? (Ksh) |_____|

13b. How much did you pay in fines in the past 12 months? (Ksh) |_____|

14. In the last year, have you worked on any community projects at the direction of a village elder, assistant chief, chief or other local authority?

(1=Yes, 2=No) |____|

If YES, continue. If NO, skip to Section 11.

14a. If yes, how many hours of work did you put into these projects in the last 12 months?

SECTION 11. Attitudes

Read: I am now going to ask you about your opinions on a few statements, and I'd like you to tell me whether you agree or disagree with them.

FO NOTE: For the rest of the questions in part A of this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations. If the FR has trouble understanding the statement, please re-read but do not try to explain the question in a different manner.

Possible responses for the following questions are: 1=Completely agree; 2=Agree somewhat; 3=Disagree somewhat; 4=Completely disagree. Do not read: 5=Neutral, 99=DK	
1. The government should take measures to reduce differences in income levels.	<input type="text"/>
2. Local leaders (chiefs, assistant chiefs and village elders) should take measures to reduce differences in income levels within the village.	<input type="text"/>

Read: For each of the following pairs of statements, tell me which statement is closest to your view. Choose Statement A or Statement B.

Possible responses:

1=Agree very strongly with A

2=Agree with A

3=Agree with B

4=Agree very strongly with B

DO NOT READ Option 5 or DK:

5=Agree with neither

99=DK

3. A. All households in a community should pay equal amounts for items that benefit the whole community.
B. Households that are able to pay more should pay more for goods that benefit the whole community.

Probe: Do you agree very strongly?

Read: How would you place your views on this scale? 1 means you agree completely with the first statement; 10 means you agree completely with the second statement; and if your views fall somewhere in between, you can choose any number in between. **DO NOT READ THE FOLLOWING OPTIONS: 99=DK, 88=Refuse**

4. Some people believe that people's incomes should be made more equal, while other believe that income differences are needed as an incentive for individual effort. Please tell me which comes closest to your view on this scale where 1 means "incomes should be made more equal" and 10 means "income differences should be larger as an incentive for individual effort".

1 2 3 4 5 6 7 8 9 10

5. Some people believe that the government should take more responsibility to ensure that everyone is provided for, while other believe that individuals should take more responsibility themselves to ensure that everyone is provided for. Please tell me which comes closest to your view on this scale where 1 means "government should take more responsibility to ensure that everyone is provided for" and 10 means "individuals should take more responsibility to ensure that everyone is provided for".

1 2 3 4 5 6 7 8 9 10

6. Some people believe that the communities should take more responsibility to ensure that everyone is provided for, while other believe that individuals should take more responsibility themselves to ensure that everyone is provided for. Please tell me which comes closest to your view on this scale where 1 means "communities should take more responsibility to ensure that everyone is provided for" and 10 means "individuals should take more responsibility to ensure that everyone is provided for".

1 2 3 4 5 6 7 8 9 10

7. Some people believe that people can only get rich at the expense of others, while other believe that wealth can grow so that there is enough for everyone. Please tell me which comes closest to your view on this scale where 1 means "people can only get rich at the expense of others" and 10 means "wealth can grow so that there is enough for everyone".

1 2 3 4 5 6 7 8 9 10

8. How much do you think someone that earns 5,000 Ksh per month should pay in total taxes per month?

Ksh per month

9. And what about someone that earns 10,000 Ksh per month should pay in total taxes?

Ksh per month

10. And what about someone that earns 20,000 Ksh per month?

Ksh per month

11. And what about someone that earns 40,000 Ksh per month?

Ksh per month

SECTION 12. Health and Nutrition

The questions in this section and the next section are more personal. Please try to ensure the privacy of the FR.

Read: Now I would like to ask you some questions about your health and nutrition. Please remember that you do not have to answer any questions you do not want to.

1. How many meals did you eat yesterday? Chai (tea) itself is not to be considered as a meal.

If ZERO, skip to question 4.

2. How many of these meals included meat or fish? Omena (small fish) should be included, but eggs should not. (77=Refuse to answer)

3. How many of these meals included eggs? (88=Refuse to answer, 99= DK)

4. How would you rate your appetite over the last 7 DAYS? ***Read responses aloud.***

(1=Very strong; 2= Somewhat strong; 3=Average; 4=Weak; 5=Very weak, not hungry at all,
DON'T READ: 77=Refuse to answer)

5. In the last 7 DAYS, have you smoked any cigarettes? (1=Yes, 2=No)

6. In the last 7 DAYS, how many alcoholic drinks have you had? ***If FR is unsure, ask him / her to estimate. Here we mean number of units (bottles, glasses, etc.) in total.*** (99=DK)

7. During the last 4 weeks, how many days of work or housework or school did you miss due to poor health? (0=None, 88=N/A)

8. Would you describe your general health as very good, somewhat good, or not good? (1=Very Good, 2=Somewhat good, 3=Not good, DON'T READ: 77=Refuse to answer)

If 2 or 3, continue. OTHERWISE, skip to question 10.

9. Would you describe your general health as good, fair, poor, or very poor? (1= Good, 2=Fair, 3=Poor, 4=Very poor, DON'T READ: 77=Refuse to answer)

	In the last 7 DAYS, how many days have ADULTS in your household...	In the last 7 DAYS, how many days have CHILDREN (<14) in your household...
10. ...gone to bed hungry?	a. <input type="text"/>	b. <input type="text"/>
11.skipped meals or cut the amount of meals?	a. <input type="text"/>	b. <input type="text"/>
12.gone entire days without food?	a. <input type="text"/>	b. <input type="text"/>

Thank you again for your time. We are almost done with the survey.

SECTION 13. Mental Health and Well-being

Read: I will read out a list of some of the ways you may feel or behave. Please indicate how often you have felt this way during the past **week**, using the following scale:

FO NOTE: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations. If the FR has trouble understanding the statement, please re-read but do not try to explain the question in a different manner.

CES-D Scale/Codes	1=Rarely or none of the time, 2=Some or a little of the time, 3=Occasionally or a moderate amount of time, 4=All of the time Don't read: 88=Refuse to answer		
1. I was bothered by things that usually don't bother me		<input type="text"/>	<input type="text"/>
2. I did not feel like eating; my appetite was poor		<input type="text"/>	<input type="text"/>
3. I felt that I could not shake off the blues even with help from my family		<input type="text"/>	<input type="text"/>
4. I felt that I was just as good as other people		<input type="text"/>	<input type="text"/>
5. I had trouble keeping my mind on what I was doing		<input type="text"/>	<input type="text"/>
6. I felt depressed		<input type="text"/>	<input type="text"/>
7. I felt that everything I did was an effort		<input type="text"/>	<input type="text"/>
8. I felt hopeful about the future		<input type="text"/>	<input type="text"/>
9. I thought my life had been a failure		<input type="text"/>	<input type="text"/>
10. I felt fearful		<input type="text"/>	<input type="text"/>

11. My sleep was restless			
12. I was happy			
13. I talked less than usual			
14. I felt lonely			
15. People were unfriendly			
16. I enjoyed life			
17. I had crying spells			
18. I felt sad			
19. I felt that people disliked me			
20. I could not "get going"			

Read: Now I will ask some more questions about your feelings and opinions. Don't read: 88=Refuse to answer

21. Some people believe that individuals can decide their own destiny, while others think that it is impossible to escape a predetermined fate. Please tell me which comes closest to your view on this scale on which 1 means "everything in life is determined by fate" and 10 means "people shape their fate themselves."
22. Generally speaking, would you say that most people can be trusted (1) or that you need to be very careful in dealing with people (2)?
23. Taking all things together, would you say you are "very happy" (1), "quite happy" (2), "not very happy" (3), or "not at all happy" (4)?
24. All things considered, how satisfied are you with your life as a whole these days on a scale of 1 to 10? (1= very dissatisfied...10= very satisfied)

SECTION 14.1 Aspirations

FO Note: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: "I am now going to ask you questions about your aspirations for the future."

1. What is the level of annual income you have at present? |_____| Ksh

Note: Annual income is the amount of CASH income you earn from all agricultural and non-agricultural activities, and money from any NGO or government programmes.

Ask respondent to estimate in KSH as best as they can. If he is persistent that he doesn't know, enter 999. If he doesn't understand the question, enter 995.

2. What is the level of annual income that you would like to achieve in your life? |_____| Ksh

FO Note: Add the following values from Section 6:

5a (if household owns house) + the total value of the following items from question 13 (A, B, C, D, E, F, H, I, K, L, M, N, Q, R, S, T, U, W, X, Y, Z, AA, BB, CC, DD, EE, FF, GG, HH)

Read: The value of your assets is the worth of your house, your furniture, consumer goods like a TV and fridge, any transport vehicles, and your livestock. Do not include land or property.

Your total asset value at present according to your earlier answers is [total assets value calculated above] KSH

If respondent disagrees with the total asset value at present according to the earlier answers, please let him/her state a revised value of total assets at present in KSH.

3. Does the respondent disagree with the total asset value from the previous question?

(1=Yes, 2=No) |___| **If YES, continue. If NO, skip to question 4.**

3a. What is the respondent's total asset value? |_____| Ksh

4. What is the level of assets that you would like to achieve in your life? |_____| Ksh

5. Is your oldest biological girl child 25 or younger? (1=Yes, 2=No) |___|

If YES continue. If NO, skip to question 6.

Ask the respondent to confirm the following information from Section 4:

Roster ID _____ of the oldest living biological girl-child. Respondents's oldest living daughter is ___[name]___, who is ___[age]___ and has completed ___[years of education]___

Tell the respondent you would like to ask some questions about this child.

5a. What is the level of education that you would like her to achieve? |___| **Use G6 codes**

5b. Is your oldest girl child currently working and earning money? (1=Yes, 2=No) |___|
If YES, continue. If NO, skip to question 5d.

5c. What job or occupation does she currently have? |___| **Use occupation codes**

5d. What type of job or occupation would you like her to have when she is 30 years old? |___| **Use occupation codes**

6. Is your oldest biological girl child 25 or younger? (1=Yes, 2=No) |___|
If YES continue. If NO, skip to question 7.

Ask the respondent to confirm the following information from Section 4:

Roster ID _____ of the oldest living biological boy-child. Respondents's oldest living son is ___[name]___, who is ___[age]___ and has completed ___[years of education]___

Tell the respondent you would like to ask some questions about this child.

6a. What is the level of education that you would like him to achieve? |___| **Use G6 codes**

6b. Is your oldest boy child currently working and earning money? (1=Yes, 2=No) |___|
If YES, continue. If NO, skip to question 5d.

6c. What job or occupation does he currently have? |___| **Use occupation codes**

6d. What type of job or occupation would you like him to have when he is 30 years old? |___| **Use occupation codes**

Read: Imagine, in the future, that you had a girl child.

7. What is the level of education that you would like this girl child to achieve? |___| **Use G6 codes**

8. What type of job or occupation would you like her to have when she is 30 years old? | **Use occupation codes**

Read: Imagine, in the future, that you had a boy child.

9. What is the level of education that you would like this boy child to achieve? | **Use G6 codes**

10. What type of job or occupation would you like him to have when he is 30 years old? | **Use occupation codes**

SECTION 14.2 MacArthur Ladder

FO Note: For the rest of the questions in this section, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Take out the ladder in the aspirations package and show to the respondent.

Read: Think of a ladder as representing where people stand in their villages. At the top of the ladder are the people who have the highest standing in their village. At the bottom are the people who have the lowest standing in their village.

Note: Ask the respondent to **POINT to the rung he/she chooses**. Record the number of this rung, counting carefully from the bottom rung (number 1). Note that the top rung is number 10.

11. Where would you place yourself on this ladder? (number from 1 to 10)
DO NOT READ THE FOLLOWING OPTIONS: 99=DK, 98=Refuse, 95=Don't understand

12. What place on the ladder would you like to achieve in your life? (number from 1 to 10)
DO NOT READ THE FOLLOWING OPTIONS: 99=DK, 98=Refuse, 95=Don't understand

SECTION 14.3 Beans

FO Note: Take out the 20 beans and the beans sheet in the aspirations package. Give the respondent 20 beans and the Aspirations worksheet

Read: We have asked you about income, assets, social status and education. Now I would like you to tell me which of these four are the most important. Here are 20 beans. Please distribute all the 20 beans in the 4 squares according to their importance. No bean in a square means you do not attach any importance to that square. Many beans in a square means you attach a significant importance to it.

DO NOT READ THE FOLLOWING OPTIONS: 99=DK, 98=Refuse, 95=Don't understand

- 13a. Number of beans for "annual income"
- 13b. Number of beans for "assets"
- 13c. Number of beans for "social status"
- 13d. Number of beans for "education of children"

Note: Check to make sure 13a, 13b, 13c and 13d add up to 20.

SECTION 14.4 Generalized Self Efficacy

FO Note: Use Scale A in the aspirations package to read the options to the respondent.

REMINDER: For the rest of the questions in this survey, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: I am now going to read statements that may apply or not apply to you. For each item, please tell me to what extent they are true for you.

1= Not at all true, 2= Not very true, 3=Somewhat true, 4=Completely true, **DO NOT READ THE FOLLOWING OPTIONS: 99=DK, 98=Refuse, 95=Don't understand**

- 14a. I can always manage to solve difficult problems if I try hard enough
- 14b. If someone opposes me, I can find the means and ways to get what I want.

- 14c. It is easy for me to stick to my aims and accomplish my goals.
- 14d. I am confident that I could deal efficiently with unexpected events.
- 14e. Thanks to my resourcefulness, I know how to handle unforeseen situations.
- 14f. I can solve most problems if I invest the necessary effort.
- 14g. I can remain calm when facing difficulties because I can rely on my coping abilities.
- 14h. When I am confronted with a problem, I can usually find several solutions.
- 14i. If I am in trouble, I can usually think of a solution.
- 14j. I can usually handle whatever comes my way.

SECTION 14.5 Locus of Control

FO Note: ***Use Scale B in the aspirations package to read the options to the respondent.***

For the rest of the questions in this survey, read the questions EXACTLY AS WRITTEN. You may repeat any question as many times as you'd like, but do NOT rephrase any question or add additional comments or explanations.

Read: I will now ask you questions about what you feel determines your life.

- 15a. Whether or not I get to be a leader depends mostly on my ability.
- 15b. To a great extent my life is controlled by accidental happenings.
- 15c. I feel like what happens in my life is mostly determined by powerful people.
- 15d. When I make plans, I am almost certain to make them work.
- 15e. Often there is no chance of protecting my personal interests from bad luck happenings.

- 15f. When I get what I want, it's usually because I'm lucky.
- 15g. Although I might have good ability, I will not be given leadership responsibility without appealing to those in positions of power.
- 15h. I have often found that what is going to happen will happen.
- 15i. My life is chiefly controlled by powerful others.
- 15j. People like myself have very little chance of protecting our personal interests when they conflict with those of strong pressure groups.
- 15k. People like myself have very little chance of protecting our personal interests when they conflict with those of strong pressure groups.
- 15l. It's not always wise for me to plan too far ahead because many things turn out to be a matter of good or bad fortune.
- 15m. Getting what I want requires pleasing those people above me.
- 15n. Whether or not I get to be a leader depends on whether I'm lucky enough to be in the right place at the right time.
- 15o. I can pretty much determine what will happen in my life.
- 15p. I am usually able to protect my personal interests.
- 15q. When I get what I want, it's usually because I worked hard for it.
- 15r. In order to have my plans work, I make sure that they fit in with the desires of people who have power over me.
- 15s. My life is determined by my own actions.

SECTION 15. Conclusion

Read: Thank you for your time.

Before leaving the respondent, be sure to give them the GE Effects Phone number card, and ask them to flash the number listed on the card if their contact information changes.

Be sure to fill in the remaining information. Do not read the questions allowed. Simply record your own impressions.

A. Did the respondent terminate the survey early? (1=Yes, 2=No)

If YES, continue. If NO, skip to question 1.

B. Why did the respondent terminate the survey early? _____
1 = Temporary stop only – Wishes to continue survey at a later time. **See “Temporary Stop Instructions” below.**

2 = Tired

3 = Too busy, does not have time

4 = Offended at question

5 = Suspicious of FO / survey intent / IPA

6 = Does not feel like continuing survey

7 = Other (specify)

Temporary Stop Instructions: You have indicated that the FR wishes to continue the survey in the future. Please ask the FR when they are next available, and then call your team lead (or other senior team member) to confirm this day and time. If you are unable to confirm this day and time, make a tentative appointment with the FR. Then, let the FR know that you will contact them to confirm when you will return. Record this information and the current time on the tracking sheet now.

1. Time end interview: (24 hr clock) :

2. In what language was the survey administered? (1=English, 2=Kiswahili, 3=Luo)

2a. How was the respondent’s skill in speaking and understanding the survey language?

(1 = Displayed *no problems* speaking or understanding language

2 = Displayed *a little difficulty* speaking or understanding language

3 = Displayed *moderate* difficulty speaking or understanding language

4 = Displayed *serious* problems speaking or understanding language)

3. Were any people present during all or part of this interview (other than the respondent and IPA staff)? (1 = Yes, 2 = No)

3a. **If YES:** What is their relationship to the respondent?

Use G4 codes, list up to 4.

Other: _____

4. Are you very confident, somewhat confident or not very confident in the overall quality and truthfulness of this respondent’s responses?

(1=Very confident, 2=Somewhat confident, 3=Not confident)

4a. **If SOMEWHAT or NOT CONFIDENT:** Why? _____

5. Is this interview being performed at the respondent's current residence, place of work, or school?
(1=Yes, 2=No)

If YES, continue. If NO, skip to question 6.

5a. Please record a GPS reading now.

Ensure that you are at the doorstep to the house or business for best accuracy. Please try to obtain an accuracy of 8 meters.

(i) Latitude:

(ii) Longitude:

(iii) Elevation:

(iv) Accuracy:

GE HH
Baseline Code
Sheet
Version 01/24/2016

(G)ENERAL

G1: Country

- 01= Kenya
- 02= Uganda
- 03= Tanzania
- 04= Other (specify)

G2a: County/1992 District
Western Province

- 01= Busia (Kenya)
- 02= Bungoma
- 03= Kakamega
- 04= Vihiga
- Nyanza Province**
- 05= Homa Bay
- 06= Kisii Central
- 07= Kisumu
- 08= Migori
- 09= Nyamira
- 10= Siaya

Central Province

- 11= Kiambu
- 12= Kirinyaga
- 13= Murang'a
- 14= Nyandarua
- 15= Nyeri

Coast Province

- 16= Kilifi
- 17= Kwale
- 18= Lamu
- 19= Mombasa
- 20= Taita-Taveta
- 21= Tana River

Eastern Province

- 22= Embu
- 23= Isiolo
- 24= Kitui
- 25= Machakos
- 26= Meru
- 27= Makueni
- 28= Marsabit
- 29= Tharaka Nithi

Nairobi

- 30= Nairobi

North Eastern Province

- 31= Garissa
- 32= Mandera
- 33= Wajir

Rift Valley Province

- 34= Baringo
- 35= Bomet
- 36= Elgeyo-Marakwet
- 37= Kajiado
- 38= Kericho
- 39= Laikipia
- 40= Nakuru
- 41= Nandi
- 42= Narok
- 43= Samburu
- 44= Trans Nzoia
- 45= Turkana
- 46= Uasin Gishu
- 47= West Pokot

Uganda (current district)

- 48= Busia
- 49= Bugiri
- 50= Iganga
- 51= Namayingo
- 52= Tororo
- Other**
- 70= Other (specify)
- 77= FR DK county (will specify 2010 district)

G2b: 2010 District

- 01= Busia (Kenya)
- 02= Bungoma East
- 03= Bungoma North
- 04= Bungoma South
- 05= Bungoma West
- 06= Bunyala
- 07= Butere
- 08= Mumias
- 09= Samia
- 10= Siaya
- 11= Teso North
- 12= Teso South
- 13= Other (specify)

G3a: City/Large Town

- 02= Eldoret
- 03= Kisumu
- 04= Mombasa
- 05= Nairobi
- 06= Nakuru
- 07= Kampala
- 08= Other City/Large Town (specify)
- 20= Lives in a rural area

G4: Relationship

- 01= Father
- 02= Mother
- 03= Parents
- 04= Maternal Grandparent
- 05= Paternal Grandparent
- 06= Current Spouse/Partner

- 07= Former Spouse/Partner
- 08= Brother
- 09= Sister
- 10= Cousin
- 11= Maternal Aunt/Uncle
- 12= Paternal Aunt/Uncle
- 13= Son
- 14= Daughter
- 15= Grandchild
- 16= Step Mother
- 17= Step Father
- 18= Half Brother/Sister
- 19= Mother in Law
- 20= Father in Law
- 21= Brother/Sister in Law
- 22= Co-Wife
- 23= Other Relative
- 24= Current Neighbor
- 25= Former Neighbor
- 26= Friend from School
- 27= Work Friend/Colleague
- 28= Friend from Church
- 29= Other Friend
- 30= Teacher/School Official
- 31= Village Elder/ Guide/ Liguru
- 32= No One/None

G7: 2011 Age/ Yr of Birth

- 30= 1981, 29= 1982
- 28= 1983, 27= 1984
- 26= 1985, 25= 1986
- 24= 1987, 23= 1988
- 22= 1989, 21= 1990
- 20= 1991, 19= 1992
- 18= 1993, etc.

G8: 2012 Age/ Yr of Birth

- 31= 1981, 30= 1982
- 29= 1983, 28= 1984
- 27= 1985, 26= 1986
- 25= 1987, 24= 1988
- 23= 1989, 22= 1990
- 21= 1991, 20= 1992
- 19= 1993, etc.

G9: Occupation
Agriculture and Fishing

- 01= Farmer
- 02= Agricultural laborer
- 03= Livestock care/ Sheppard
- 04= Fishing
- Retail and commercial**
- 05= Sell own agricultural products in market
- 06= Hawking/ selling clothes, food, other items
- 07= Own shop (retail)

- 122= Special education (mentally handicap)
- Previous Kenyan / Current Ugandan system**
- 200= No schooling
- 230= ECD/nursery/pre-unit
- 201= Std 1, 202= Std 2
- 203= Std 3, 204= Std 4
- 205= Std 5, 206= Std 6
- 207= Std 7
- 208= do not use this code
- 209= Form 1, 210= Form 2
- 211= Form 3, 212= Form 4
- 213= Form 5, 214= Form 6
- 215= Some polytechnic
- 216= Completed polytechnic
- 217= Some college
- 218= Completed college
- 219= Some university
- 220= Completed university
- 221= Higher than college/ university
- 222= Special education (mentally handicap)

G7: 2011 Age/ Yr of Birth

- 30= 1981, 29= 1982
- 28= 1983, 27= 1984
- 26= 1985, 25= 1986
- 24= 1987, 23= 1988
- 22= 1989, 21= 1990
- 20= 1991, 19= 1992
- 18= 1993, etc.

G8: 2012 Age/ Yr of Birth

- 31= 1981, 30= 1982
- 29= 1983, 28= 1984
- 27= 1985, 26= 1986
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Agriculture and Fishing

- 01= Farmer
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- 04= Fishing
- Retail and commercial**
- 05= Sell own agricultural products in market
- 06= Hawking/ selling clothes, food, other items
- 07= Own shop (retail)

- 08= Work in other person's shop (retail)
- 09= Own other commercial or financial business
- 10= Work in other person's commercial or financial business
- Unskilled trades**
- 11= Domestic work (house boy/girl)
- 76= Cleaner (other)
- 12= Hotel, restaurant or tourism job
- 77= Cook/ Chef/ Caterer
- 13= Watchman/ Guard
- 14= Vehicle taxi work (matatu tout/conductor, not driver)
- 15= Bicycle/motorbike taxi work (boda-boda, piki-piki)
- 16= Unskilled construction laborer
- 78= Local brewer

Skilled & semi-skilled trades

- 79= Bicycle repair
- 80= Driver (public or private, including matatu drivers)
- 17= Barber or hairdresser
- 18= Tailor or seamstress
- 81= Shoe maker/ Cobbler/ Shiner
- 19= Butcher
- 20= Mechanic
- 21= Welder
- 71=Carpenter
- 72=Mason
- 82= Brick baker/ Stone dresser
- 73=Plumber
- 74=Electrician
- 75=Other skilled construction work
- 23= Factory job

Professionals

- 24= Teacher
- 25= Clerical and secretarial work
- 26= Salaried professional (manager, accountant, legal clerk)
- 27= NGO field worker
- 28= Nurse/health technician
- 29= Doctor
- 30= Police/military officer
- 31= Other government job

- 32= Computer/ electronics technician or repair
- Other**
- 83= Religious officiant / leader
- 40= Other (specify)
- 50= Student
- 60= No work or school but not retired
- 61= Retired

G10: Tribe/Ethn.Group

- 01= Luhya-Samia
- 02= Luhya-Nyala
- 03= Luhya-Khayo
- 04= Luhya-Marachi
- 05= Luhya-Other (specify)
- 06= Luo
- 07= Teso
- 08= Kikuyu
- 09= Asian
- 10= White
- 11= Other (specify)

G12: Currency Codes

- 01= Kenyan shillings
- 02= Ugandan shillings
- 03= Other (specify)

(E)DUCATION

E1: School codes [omitted]

E3: Grades

- 01= P (results withheld),
- 02= Y (irregularity),
- 04= E, 05= D-, 06= D,
- 07= D+, 08= C-, 09= C,
- 10= C+, 11= B-, 12= B,
- 13= B+, 14= A-, 15= A,
- 16= X (registered, but did not take exam),
- 17= Z (took some, but not all, exams)
- 77= Results not out;
- 88= Didn't take exam
- 99=Don't know

E6: Certificate Codes

- 01= Institutional (Internal Exams)
- 02= A.B.E. (Association of Business Executives)

- 03= ABMA (Association of Business Managers & Administrators)
- 04= ACCA (Association of Chartered Certified Accountants)
- 05= C.I.P.S. (Chartered Institute of Purchasing & Supplies)
- 06= C.S.K. (Computer Society of Kenya)
- 07= D.I.T. (Directorate of Industrial Training)
- 08= I.C.M. (Institute of Commercial Management)
- 09= KASNEB (Kenya Accountants & Secretaries National Examination Body)
- 10= KNEC (Kenya National Examination Council)
- 11= Bachelor of Science
- 12= Bachelor of Arts
- 13= Driver's License
- 14= Other (specify)

E7: Courses

Voc-Ed Courses

- 01= Art and Craft
- 02= Beauty Courses
- 03= Business
- 04= Construction & Mechanical
- 05= Driving & Mechanics
- 06= Electrical
- 07= Garment Making and Embroidery
- 08= Hotel, Catering and Hospitality
- 09= Land Mechanics
- 10= Secretarial & Computer

College/Univ. Courses

- 10001= Accounting
- 10002= Actuarial Science
- 10003= Agriculture
- 10004= Architecture
- 10005= Biomedical
- 10006= Community Health
- 10007= Computer Science
- 10008= Creative & Performing Arts
- 10009= Early Childhood Education
- 10010= Economics
- 10011= Education

<p>10012= Environmental Science 10014= Horticulture 10015= Hotel & Catering 10016= Human Resource 10017= Library Science 10018= Logistics 10019= Media & Journalism 10020= Medicine 10021= Pharmacy 10022= Political Science 10023= Public Health 10024= Sociology/Social Work 10025= Statistics 10026= Wildlife Science 10027= Veterinary Science 10028= Other Bachelor of Arts (BA, specify) 10029= Other Bachelor of Science (BSC, specify) All Courses 3333= Other (specify)</p> <p>(F)ARMING, BUSINESS & EMPLOYMENT HISTORY</p>	<p>26= Other (specify)</p> <p>F2: Industry Manufacturing 3120= Tea processing & packaging 3123= Food products n.e.c. 3131= Distilling & refining spirits 3133= Malt liquors, beer brewing 3134= Soft drinks & carbonated water industries 3140= Tobacco manufacturers 3219 Manufacture of textiles n.e.c. 3313= Charcoal Production 3411= Manufacture of pulp, paper and paper-board 3529= Manufacture of chemical products n.e.c. 3693= Brick/block making 3903= Other manufacturing industries</p> <p>Trade Contractors 4101= Electric light & power 4200= Water works & supply 5101= Electrical contractors 5102= Plumbers 5103= Structural Steel erectors 5104= Painters, roof tillers and minor repairs 5105= Borehole drilling 5201=Construction buildings 5202= All other construction (roads, sewerage, water works, etc)</p> <p>Wholesale Trade 6110= Food, drink & tobacco 6113= Textiles, soft furnishings, clothing and shoes 6114= Building materials, hardware and timber 6119= Livestock 6120= Second hand garments 6121= Wholesale trade n.e.c</p> <p>Retail 6211= Food drink & tobacco</p>	<p>6212= Butcheries 6213= Oil and petrol 6214= Textiles, soft furnishings, clothing and shoes 6215= Building materials and timber 6216= Photographic and pharmaceuticals goods 6218= Livestock 6224= Second hand garments 6225= Shoes and leather goods 6231= Retail trade n.e.c.</p> <p>Services 6310= Restaurants, cafes, bars, kiosks, other catering & drinking places 7200= Communications 8103= Financial services 8201= Insurance companies 8311= Property companies 8321= Legal services 8322= Accounting, auditing & bookkeeping 8323= Data processing & tabulating services 8324= Engineering, architectural & technical services 8325= Advertising services 8329= Business services 9331= Medical, dental & other health services 9391= Religious orgs 9399= Social & related community services n.e.c. 9530= Domestic services 9591=Barber / Beauty Shop 9101= Government services</p> <p>7112= Urban, sub-urban & inter-urban highway passenger, bus/matatu 7113= Other passenger land transport, incl. taxis 7114= Freight transport by road</p> <p>Other 9988=Other (specify)</p> <p>F3: Business Constraints/ Closure Reasons 01= None 02= Lack of credit</p>	<p>03= Interference from authorities 04= Government regulations 05= Lack of clients/markets 06= Low earnings 07= Excessive Competition 08= Problems with workers/ partners 09= Shortage of merchandise, inputs or raw materials 10= Power interruption 11= Lack of electricity 12= Poor access to water supply 13= Poor security 14= Better business opportunity came along 15= Got a very good price 16= To help out a family member 17= To get more education 18= Good job came along 19= Other (specify)</p> <p>F6: Employment Status 01= Permanent, w/ contract 02= Permanent, no contract 03= Permanent, DK status of contract 04= Temporary, w/ contract 05= Temporary, no contract 06= Temporary, DK status of contract 07= Casual, no contract 08= Unpaid family worker 09= Apprentice 10= Intern, volunteer or attachment 11= Other (specify)</p> <p>(T)RANSFERS</p> <p>T1: Use of support 01= School fees or expenses 02= Child support 03= Ceremonies: funeral, birth, marriage 04= Medical expenses 05= Help to buy or build a house 06= Help to start a business 07= General living expenses</p>	<p>08= Help an existing business 09= Multiple uses 10= Other (specify) 11= To contribute to merry-go-round or ROSCA</p> <p>T2: How money sent 01= M-Pesa 02= Soko tle 03= Posta Pay 04= Posta reg mal 05= Money order 06= Other courier (Akamba, Securicor, etc.) 07= Someone physically took it 08= Other (specify)</p> <p>(C) COMMUNITY CODES</p> <p>C1: Harambee Purposes 01: Schooling 02: Health clinic 03: Water resources 04: Bereavement 05: Other</p> <p>(Target) TARGET CODES 01= Travelling for sometime 02= Lives/works in another town 03= Out temporarily 04= Too suck to be interviewed/mentally ill 05= Too busy to be interviewed 98= Other</p> <p>(M) MARKET CODES M1: Markets 01=ABOKE/ SIRIMA 02=AWENDO 03=BAR AWENDO 04=BAR OBER 05=BONDO 06=GOT NANGA 07=HAFUMBRE 08=JERA 09=KAKARA 10=KANYUMBA/ 11=NYAMAIIKA 12=KOLALI 13=LIGINGO 14=LUHANO 15=LWANDA KONYAGO 16=LUTHEHE</p>	<p>17=NYABWEKE 18=NYAHOLO 19=NZOIA 20=OBET 21=ODIADO 22=RATADO 23=SEGA 24=SIFUYO 25=SIRANGA 26=UDIRA 27=UKWALA 28=URIYA 29=UWAI 30=YENGA 31=Did not purchase from another market 32=Other (specify)</p> <p>M2: Transportation 01=Walk (on foot) 02=By bicycle 03=By motorbike 04=By private car 05=By matatu 06=N/A 07=Other (specify)</p> <p>OCCUPATION CODES 01=Accountant 02=Artisan 03=Carpenter 04=Casual worker 05=Civil servant 06=Clerk 07=Construction 08=Doctor 09=Driver 10=Electrician 11=Engineer 12=Farmer 13=Government security officer 14=Headmistress 15=Informal sector 16=Journalist 17=Judge 18=Lawyer 19=Lecturer 20=Mason 21=Mechanic 22=Nurse 23=Own a computer store 24=Own a hotel 25=Own a large business 26=Own a small business 27=Pharmacy 28=Pilot 29=Policeman</p>	<p>30=Priest 31=Priest/nun 32=Researcher 33=Run an Mpesa kiosk 34=Social worker 35=Tailor 36=Teacher 37=Welding 38=Work in a store 39=Other (specify)</p> <p>EDUCATION CODES 01=None 02=Pre-school 03=Standard 1 04=Standard 2 05=Standard 3 06=Standard 4 07=Standard 5 08=Standard 6 09=Standard 7 10=Standard 8 11=Form 1 12=Form 2 13=Form 3 14=Form 4 15=Form 5 16=Form 6 17=College 1 18=College 2 19=College 3 20=College 4 21=University 1 22=University 2 23=University 3 24=University 4 25=University 5+ 26=Other (specify)</p>
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Appendix C: Household Data Management Note

GE Project Endline Household Data: Notes on Management/Access and Pre-Analysis Plan

Date: June 24, 2016

On May 30, 2016, we launched the GE Effects Endline Household Survey to measure the social and economic living standards of roughly 9,100 households in our sample of villages in Siaya County, Kenya. As of June 23, 2016, we have completed 604 household surveys.

As of June 23, 2016, we have not filed our pre-analysis plan outlining the key research questions, outcomes and estimating equations related to the household endline data on the general equilibrium effects of unconditional cash transfers. The pre-analysis plan will be prepared by Johannes Haushofer, Edward Miguel, Paul Niehaus, and Michael Walker, with assistance from Justin Abraham, Christina Brown, Genevieve Denoeux and Francis Wong, henceforth the “research team”, and will be uploaded to the AEA RCT Registry at a future point in time, possibly in late July.

In general, survey data will be compiled, organized and stored by the field management team based in Siaya, Kenya. This team consists of George Ganda, Francis Meyo, Gabriel Ngoga, and Maximilian Mueller, henceforth the field team. During the initial weeks of the data collection, the field team has shared some data with the research team, which is outlined below. Any additional data that is shared after June 21, 2016 will be less than 800 surveys (about 10% of the sample if we achieve a 90% tracking rate) and will be de-identified and stripped of any indicators that may expose the treatment status of households.

To date, the following data has been viewed by the following members of the research team. No measures of treatment status have been, nor will be, merged with any of this household data by any members of the research or field team. The only way in which treatment status data will be used by the field team is to ensure tracking rates are balanced across treatment and control households.

- Michael Walker reviewed data prepared by Mueller on the first 334 surveys.
- Christina Brown received data for 187 of these 334 surveys with data from section 12 of the survey on consumption. This included village names and was prepared by Walker.

The datasets that were not stripped of identifiers have subsequently been deleted and will be replaced by de-identified versions that are stripped of identifiers.

The initial access was/will be provided for the following purposes:

1. Identifying and correcting any coding errors in the survey instrument that are causing certain questions to be skipped.
2. Making improvements to the choice sets for multiple-choice questions, to better reflect the types of answers that are being provided by the respondents.
3. Identifying and amending questions that are taking too much time and, as a result, are causing delays.

4. Identifying and addressing any other technical issues with the survey instrument.
5. Making any final additions/edits to the survey instrument to address minor questions and/or survey length concerns.
6. Aiding in the development of high frequency and consistency checks, in order to ensure good data quality

Full access to the dataset will be provided to all research team members once the pre-analysis plan has been filed on the AEA RCT registry, possibly in late July.

[quick response needed] GE: endline household data access plan

Johannes Haushofer <haushofer@princeton.edu>

Fri, Jun 24, 2016 at 9:41 PM

To: Francis Meyo <fmeyo@poverty-action.org>

Cc: Michael W Walker <mwwalker@econ.berkeley.edu>, Edward Andrew MIGUEL <emiguel@berkeley.edu>, Paul Niehaus <pniehaus@ucsd.edu>, Francis Wong <francisawong@gmail.com>, Christina Brown <christinabrown@berkeley.edu>, Genevieve Denoeux <gdenoeux@gmail.com>, Justin Ray Abraham <justinra@princeton.edu>, Maximilian Mueller <mwmueller@berkeley.edu>, George Ganda <gganda@poverty-action.org>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Thanks!!

On Saturday, June 25, 2016, Francis Meyo <fmeyo@poverty-action.org> wrote:

Dear Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Thanks

Best regards,
Meyo[Francis Meyo, Policy Coordinator, Innovations for Poverty Action - Kenya](#)**Address:** Sandalwood Lane, Riverside Drive, Nairobi.**Phone** (office): + 254 707 387 429, (mobile): + 254 700 675 801**Website:** www.poverty-action.org Email: fmeyo@poverty-action.org**Skype:** francismeyo

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Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Edward Andrew MIGUEL <emiguel@berkeley.edu>
To: mwwalker@econ.berkeley.edu

Fri, Jun 24, 2016 at 5:19 PM

Dear Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Sincerely,
Ted Miguel

[Quoted text hidden]

--

Edward Miguel
Department of Economics
University of California, Berkeley



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Paul Niehaus <pniehaus@ucsd.edu>

Fri, Jun 24, 2016 at 10:13 PM

To: mwwalker@econ.berkeley.edu, Edward Andrew MIGUEL <emiguel@berkeley.edu>, Johannes Haushofer <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Christina Brown <christinabrown@berkeley.edu>, Genevieve Denoeux <gcdenoeux@gmail.com>, Justin Abraham <justinra@princeton.edu>, Francis Meyo <fmeyo@poverty-action.org>, Maximilian Mueller <mwmueller@berkeley.edu>, George Ganda <gganda@poverty-action.org>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

[Quoted text hidden]

--

Associate Professor of Economics
UC San Diego
econweb.ucsd.edu/~pniehaus
@PaulFNiehaus



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Michael W Walker <mwwalker@econ.berkeley.edu>
Reply-To: mwwalker@econ.berkeley.edu
To: Michael W Walker <mwwalker@econ.berkeley.edu>

Sat, Jun 25, 2016 at 10:41 AM

I confirm that I have read the note on the data management, access and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Michael Walker
PhD Candidate, UC Berkeley
[Quoted text hidden]



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Justin Abraham <justinra@princeton.edu>

Fri, Jun 24, 2016 at 10:51 PM

To: Christina Brown <christinabrown@berkeley.edu>

Cc: Paul Niehaus <pniehaus@ucsd.edu>, "mwwalker@econ.berkeley.edu" <mwwalker@econ.berkeley.edu>, Edward Andrew MIGUEL <emiguel@berkeley.edu>, "Johannes A. Haushofer" <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Genevieve Denoeux <gcdenoeux@gmail.com>, Francis Meyo <fmeyo@poverty-action.org>, Maximilian Mueller <mwmueller@berkeley.edu>, George Ganda <gganda@poverty-action.org>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

On Fri, Jun 24, 2016 at 10:48 PM, Christina Brown <christinabrown@berkeley.edu> wrote:

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

I will then compile these responses and upload with the data access plan.

- Christina Brown

Sent from my iPhone

On Jun 24, 2016, at 10:13 PM, Paul Niehaus <pniehaus@ucsd.edu> wrote:

[Quoted text hidden]



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Christina Brown <christinabrown@berkeley.edu>

Fri, Jun 24, 2016 at 10:48 PM

To: Paul Niehaus <pniehaus@ucsd.edu>

Cc: mwwalker@econ.berkeley.edu, Edward Andrew MIGUEL <emiguel@berkeley.edu>, Johannes Haushofer <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Genevieve Denoeux <gcdenoex@gmail.com>, Justin Abraham <justinra@princeton.edu>, Francis Meyo <fmeyo@poverty-action.org>, Maximilian Mueller <mwmueller@berkeley.edu>, George Ganda <gganda@poverty-action.org>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

I will then compile these responses and upload with the data access plan.

- Christina Brown

Sent from my iPhone

[Quoted text hidden]



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Genevieve <gcdenoeux@gmail.com>
To: mwwalker@econ.berkeley.edu

Fri, Jun 24, 2016 at 8:27 PM

Hi Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Genevieve

Sent from my iPhone

On Jun 24, 2016, at 4:31 PM, Michael W Walker <mwwalker@econ.berkeley.edu> wrote:

I confirm that I have read the note on data management, access, and the pre-analysis plan, dated June 24, 2016, and agree to follow the specified plan.



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Francis Wong <francisawong@gmail.com>

Fri, Jun 24, 2016 at 4:45 PM

To: "mwwalker@econ.berkeley.edu" <mwwalker@econ.berkeley.edu>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

[Quoted text hidden]

--

Francis Wong
Graduate Student
Department of Economics
University of California, Berkeley



Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

GEORGE GANDA <gganda@poverty-action.org>

Sat, Jun 25, 2016 at 12:18 AM

To: "mwwalker@econ.berkeley.edu" <mwwalker@econ.berkeley.edu>, Edward Andrew MIGUEL <emiguel@berkeley.edu>, Paul Niehaus <pniehaus@ucsd.edu>, Johannes Haushofer <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Christina Brown <christinabrown@berkeley.edu>, Genevieve Denoeux <gcdenoeux@gmail.com>, Justin Abraham <justinra@princeton.edu>, Francis Meyo <fmeyo@poverty-action.org>, Maximilian Mueller <mwmueller@berkeley.edu>

Hi Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Kind Regards,

From: Michael W Walker**Sent:** 6/25/2016 2:32**To:** Edward Andrew MIGUEL; Paul Niehaus; Johannes Haushofer; Francis Wong; Christina Brown; Genevieve Denoeux; Justin Abraham; Francis Meyo; Maximilian Mueller; George Ganda**Subject:** [quick response needed] GE: endline household data access plan

Hi all,

This is important (and easy) and I'd like to have it done ASAP. We'd like to add a statement to the AEA RCT Registry noting how we have and will handle household endline survey data in advance of registering a pre-analysis plan. It specifies who will be able to look at what data to ensure high-quality data collection and, in light of this, who will work on putting together the pre-analysis plan. Ted and I have reviewed this plan and sign off on it.

Please respond to this email with the following statement:

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

I will then compile these responses and upload with the data access plan.

Please let me know if you have any questions about this, and have a great weekend!

Best,

Michael

--

Michael Walker
Economics Graduate Student
UC-Berkeley
mwwalker@econ.berkeley.edu

[quick response needed] GE: endline household data access plan

Francis Meyo <fmeyo@poverty-action.org>

Fri, Jun 24, 2016 at 6:35 PM

To: Michael W Walker <mwwalker@econ.berkeley.edu>

Cc: Edward Andrew MIGUEL <emiguel@berkeley.edu>, Paul Niehaus <pniehaus@ucsd.edu>, Johannes Haushofer <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Christina Brown <christinabrown@berkeley.edu>, Genevieve Denoeux <gdenoeux@gmail.com>, Justin Abraham <justinra@princeton.edu>, Maximilian Mueller <mwmueller@berkeley.edu>, George Ganda <gganda@poverty-action.org>

Dear Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Thanks

Best regards,
Meyo[Francis Meyo, Policy Coordinator, Innovations for Poverty Action - Kenya](#)**Address:** Sandalwood Lane, Riverside Drive, Nairobi.**Phone** (office): + 254 707 387 429, (mobile): + 254 700 675 801**Website:** www.poverty-action.org Email: fmeyo@poverty-action.org**Skype:** francismeyo

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Michael W Walker <mwwalker@berkeley.edu>

[quick response needed] GE: endline household data access plan

Maximilian Mueller <mwmueller@berkeley.edu>

Sat, Jun 25, 2016 at 12:12 AM

To: mwwalker@econ.berkeley.edu

Cc: Edward Andrew MIGUEL <emiguel@berkeley.edu>, Paul Niehaus <pniehaus@ucsd.edu>, Johannes Haushofer <haushofer@princeton.edu>, Francis Wong <francisawong@gmail.com>, Christina Brown <christinabrown@berkeley.edu>, Genevieve Denoeux <gcdenoeux@gmail.com>, Justin Abraham <justinra@princeton.edu>, Francis Meyo <fmeyo@poverty-action.org>, George Ganda <gganda@poverty-action.org>

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Maximilian

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<GE Project Endline Household Data Access Notes_2016-06-24.docx>



Michael W Walker <mwwalker@berkeley.edu>

GE Household Endline Data Access Plan

Gabriel Ngoga <gngoga@poverty-action.org>
To: Michael W Walker <mwwalker@econ.berkeley.edu>
Cc: Francis Meyo <fmeyo@poverty-action.org>

Fri, Jun 24, 2016 at 4:48 AM

Hi Michael,

I confirm that I have read the note on data management, access, and the preanalysis plan, dated June 24, 2016, and agree to follow the specified plan.

Best,

.....

Gabriel Ngoga, Research Associate-Innovations for Poverty Action – Kenya

Address: Former Siaya Guest House, next to ACK Cathedral Church, Rabango Road, Siaya

Phone(Office): +254 728 620 537, Mobile(Personal): +254 720 319 567

Website: www.poverty-action.org, Email: gngoga@poverty-action.org

Skype: [gabby.ngoga](https://www.skype.com/people/gabby.ngoga)

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GE Project Endline Household Data: Notes on Management/Access and Pre-Analysis Plan

Date: July 28, 2016

Amending original note dated June 24, 2016

Note: This updates the previous data access note by adding two members to the field team. Meshack Okello will be based in Siaya, Kenya and Zenan Wang will be based in Berkeley, CA. Email signatures from both indicating acceptance of this plan are attached.

The text of the original note follows, with changes in italics.

On May 30, 2016, we launched the GE Effects Endline Household Survey to measure the social and economic living standards of roughly 9,100 households in our sample of villages in Siaya County, Kenya. As of June 23, 2016, we have completed 604 household surveys.

As of June 23, 2016, we have not filed our pre-analysis plan outlining the key research questions, outcomes and estimating equations related to the household endline data on the general equilibrium effects of unconditional cash transfers. The pre-analysis plan will be prepared by Johannes Haushofer, Edward Miguel, Paul Niehaus, and Michael Walker, with assistance from Justin Abraham, Christina Brown, Genevieve Denoeux and Francis Wong, henceforth the “research team”, and will be uploaded to the AEA RCT Registry at a future point in time, possibly in late July.

In general, survey data will be compiled, organized and stored by the field management team based in Siaya, Kenya. This team consists of George Ganda, Francis Meyo, Gabriel Ngoga, Maximilian Mueller, *Meshack Okello and Zenan Wang*, henceforth the field team. During the initial weeks of the data collection, the field team has shared some data with the research team, which is outlined below. Any additional data that is shared after June 21, 2016 will be less than 800 surveys (about 10% of the sample if we achieve a 90% tracking rate) and will be de-identified and stripped of any indicators that may expose the treatment status of households.

To date, the following data has been viewed by the following members of the research team. No measures of treatment status have been, nor will be, merged with any of this household data by any members of the research or field team. The only way in which treatment status data will be used by the field team is to ensure tracking rates are balanced across treatment and control households.

- Michael Walker reviewed data prepared by Mueller on the first 334 surveys.
- Christina Brown received data for 187 of these 334 surveys with data from section 12 of the survey on consumption. This included village names and was prepared by Walker.

The datasets that were not stripped of identifiers have subsequently been deleted and will be replaced by de-identified versions that are stripped of identifiers.

The initial access was/will be provided for the following purposes:

1. Identifying and correcting any coding errors in the survey instrument that are causing certain questions to be skipped.
2. Making improvements to the choice sets for multiple-choice questions, to better reflect the types of answers that are being provided by the respondents.
3. Identifying and amending questions that are taking too much time and, as a result, are causing delays.
4. Identifying and addressing any other technical issues with the survey instrument.
5. Making any final additions/edits to the survey instrument to address minor questions and/or survey length concerns.
6. Aiding in the development of high frequency and consistency checks, in order to ensure good data quality

Full access to the dataset will be provided to all research team members once the pre-analysis plan has been filed on the AEA RCT registry, possibly in late July.



Michael W Walker <mwwalker@berkeley.edu>

GE Data access plan

Meshack Odhiambo Okello <mokello@poverty-action.org>
To: Michael W Walker <mwwalker@econ.berkeley.edu>

Thu, Jul 28, 2016 at 11:58 AM

Hi Michael,

I have read the note on data management, access and the pre-analysis plan, dated June 24 2016 and July 28 2016, and agree to follow the specified plan.

Thanks,
Meshack

[Meshack Odhiambo Okello, Research Associate, Innovations for Poverty Action – Kenya](#)

Address: Milimani Estate, Opposite Nyota FM Station, Bungoma

Phone(Office): +254 705813412, Mobile(Personal): +254 722230189

Website: www.poverty-action.org, Email: mokello@poverty-action.org

Skype: meshack.odhiambo1

[Quoted text hidden]



Michael W Walker <mwwalker@berkeley.edu>

GE data access plan

Zenan Wang <zenan.wang@berkeley.edu>
To: Michael W Walker <mwwalker@berkeley.edu>

Fri, Jul 29, 2016 at 12:31 AM

Hi Micheal,

I confirm that I have read the note on data management, access and the pre-analysis plan, dated June 24 2016 and July 28 2016, and agree to follow the specified plan.

Zenan

On Thu, Jul 28, 2016 at 12:29 AM, Michael W Walker <mwwalker@berkeley.edu> wrote:

Hi Zenan,

I have attached a document outlining how the project will be handling data in advance of filing a pre-analysis plan. Please read the document and let me know if you have any questions, then respond to this email with the following statement:

I confirm that I have read the note on data management, access and the pre-analysis plan, dated June 24 2016 and July 28 2016, and agree to follow the specified plan.

Thanks,
Michael