

# GE Effects of Cash Transfers: Pre-analysis plan for Endline 2 Household Welfare Analyses<sup>1</sup>

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**Summary:** This document outlines outcomes and regression specifications for estimating the longer-term (4-7 year) effects of unconditional cash transfers on household welfare as part of the General Equilibrium Effects (GE) project in western Kenya. The project is a two-level randomized controlled trial of the NGO *GiveDirectly*'s unconditional cash transfer program. Transfers were distributed from 2014-16, with initial findings described in Egger et al. (2019). This document describes the analyses that will be conducted to understand the household welfare effects for recipient and non-recipient households using data from the second household endline survey. We specify regression equations, primary outcomes, and a catalog of outcomes that we will study. This document is part of a series of pre-analysis plans that will be filed as part of the broader second endline activity, and we also discuss how these plans fit together. We anticipate conducting analyses beyond those pre-specified here, and this document is not meant to preclude additional analyses.

**Appendix A:** List of products for price data

**Appendix B:** Endline 2 Household Survey Instrument

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<sup>1</sup> AEA Trial Registry: AEARCTR-0000505, <https://www.socialscienceregistry.org/trials/505>

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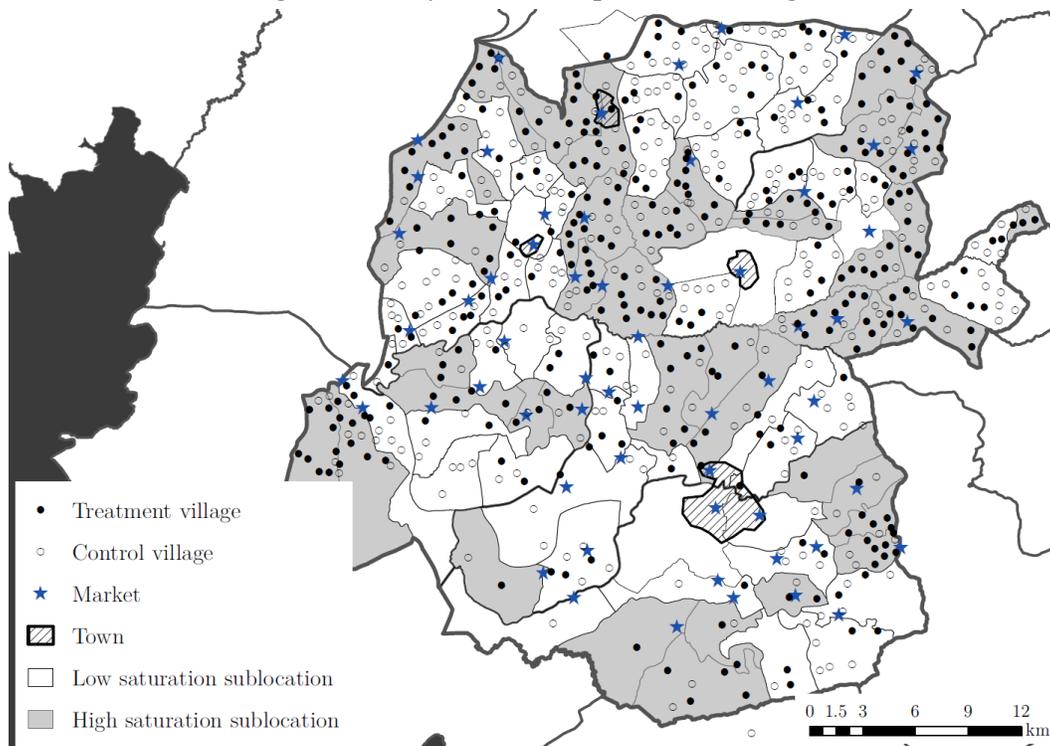
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# 1. Introduction

This document outlines the analysis plan for the medium-run household survey data collected between 2019 - 2021, as part of the General Equilibrium Effects (GE) project, a randomized controlled trial of an unconditional cash transfer program by the NGO *GiveDirectly* (GD). In villages selected for treatment, GD transferred around USD 1,000 (nominal) to all eligible households in the village, about 75% of annual expenditure for recipient households. Only households with grass-thatched roofs were eligible to receive transfers, a basic means-test for poverty; we find 33% of households eligible in our study area. The intervention involved over USD 11 million in transfers and 653 villages in Siaya County, Western Kenya. Treatment assignment was randomized at the village level, and within treatment villages, all households meeting GD's eligibility requirement received the unconditional cash transfer. A second level of randomization provided variation in treatment intensity: sublocations, an administrative unit directly above the village level comprised 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 treated. Figure 1 gives an overview of the study area and experimental design<sup>2</sup>.

**Figure 1: Study area and experimental design**



The analyses outlined in this document will be primarily based on a new round of data collected between 2019 - 2021 (Endline 2), roughly 5 years after the GD cash transfers went out, as highlighted in the approximate timeline below:

<sup>2</sup> Additional details on the experimental design and implementation can be found in Egger et al. (2019) and Haushofer et al. (2017a).

- 2014 - 2015: Baseline (pre-intervention)
- 2014 - 2016: Intervention
- 2014 - 2017: Midline
- 2016 - 2017: Endline 1
- 2019 - 2021: Endline 2

This analysis is primarily focused on data collected as part of Endline 2 (medium-run analyses), although where appropriate, we will make use of earlier rounds of data as well. As such, this document draws heavily on previously filed pre-analysis plans and existing working papers, updating earlier specifications and outcomes. These earlier plans are described in section 1.1 below.

We are interested in two broad types of medium-run analyses:

- i. The medium-term welfare impacts of cash transfers on recipient households (and their neighbors) present in our study area at the time of the intervention (the focus of this ‘household welfare PAP’), and
- ii. the impacts of cash transfers on the local economy more broadly (the focus of a separate ‘local economy PAP’)

From a measurement perspective, these differ in their target populations: both include households that have remained in the study area since the intervention, but the former includes households that moved away since the intervention, while the latter includes households and firms that were newly established in the study area after the intervention. In this document, we focus primarily on long-run welfare impacts of cash on recipients and their neighbors (i), primarily using data collected through two full village household censuses (Baseline and Endline 2), and surveys with a representative sample of households conducted at Endline 2. Importantly, we carefully track and follow-up with households that have moved away from our study area since Baseline.

For the analysis of the medium-run impacts of cash transfers on the local economy (ii. ‘Local economy PAP’), our sampling frame will consist only of households in the study area at Endline 2, including immigrants, and excluding emigrants (and this analysis will carefully investigate potential effects of cash on migration generally). Moreover, we will additionally bring in detailed monthly price data collected for over 70 goods from all 61 weekly markets in the study area at Endline 2, and data from a full enterprise census and subsequent surveys conducted with a representative sample of enterprises in the study area at Endline 2. This analysis will draw on definitions of macroeconomic quantities, including expenditure and income based GDP and the marginal propensity to consume, as described in Egger et al. (2019) and ongoing revisions of the paper. Importantly, we will outline how we intend to extend the multiplier and MPC estimation from Egger et al. (2019) up to 4-7 years post-transfer, and we have refined our measurement of key quantities since Endline 1. To preview some of the key innovations: Our enterprise and household data are now fully matched in real time, so that enterprise owners and employees are matched to their respective households, allowing us to better trace flows of money through the economy, and test for consistency between household and enterprise data. This will also allow us to combine enterprise information collected as part of the self-employment module for household surveys with enterprise surveys conducted separately. In addition, we have revised our enterprise surveys to allow us to



- |                        |   |
|------------------------|---|
| b) Household survey    | December 2020 - November 2021 (approx.) |
| c) Enterprise census   | September 2019 - December 2019          |
| d) Enterprise survey   | March 2021 - November 2021 (approx.)    |
| e) Market price survey | January 2021 - November 2021 (approx.)  |

## 2.1. Household Census

In advance of the distribution of transfers to a treatment village, we conducted a Baseline household census. 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). This yields a full list of Baseline eligible and ineligible households present in the study area prior to treatment.

To accurately capture the movement of existing Baseline households out of the sampling area as well as the establishment of new households since Baseline, we verified the location and existence of households prior to beginning Endline 2 survey activities (September 2019 - December 2019). For households that moved away since Baseline, this household census collected information on when and where they moved to. In addition, for households that were newly established in the study area since Baseline, the census captured the reason for being established (moved to the study area or split off from an existing household), when the household arrived and where the household moved from.

Together with the Baseline household census, this yields a full list of the following categories of households:

a) **Baseline households: 86.7%**

- i) Households that were eligible at Baseline
  - Stayers: Still living in the study area
  - Movers: Now living outside the study area
- ii) Households that were ineligible at Baseline
  - Stayers: Still living in the study area
  - Movers: Now living outside the study area

b) **Split-off households: 6.5%**

Households that split off from Baseline households after Baseline. We define any household as split-off where children of existing households established new households, or where the primary male and female established separate / additional households..

c) **Ghost households: 2.9%**

Households that were not captured in the Baseline census, but who report at Endline 2 that they were living in the study area at Baseline.

d) **New households: 3.9%**

Households that moved into our study area after Baseline (i.e. were established AFTER Baseline, but not split off from existing households).

Integrated with the household census, we also conducted a full enterprise census in all 653 villages and 61 market centers in the study area. These enterprises were matched to enterprises captured during the Endline 1 enterprise census where possible, or designated as ‘new’ or ‘ghost’ enterprises, similarly to the household census. An advantage of the integrated census was that we could capture ownership relations in real time, i.e. for every enterprise captured in the census, we simultaneously captured the owning household(s), so that enterprises can be matched to their owners.

## 2.2. Sampling

The Endline 2 household census served as a sampling frame for the Endline 2 household surveys. Sampling was stratified by village, and the household categories outlined above. The Endline 2 target sample was determined in the following way:

### a) **Baseline households**

- Households that were eligible at Baseline (stayers & movers)
  - Households per village: 9.24
  - Average sampling probability: 28.8%
- Households that were ineligible at Baseline (stayers & movers)
  - Households per village: 4.76
  - Average sampling probability: 7.6%

We targeted all Baseline households in the target sample for household surveys at Endline 1. This includes all households targeted but not surveyed at Endline 1, and households that moved outside the study area since Baseline.

The Endline 1 target sample was constructed in the following way: Baseline household surveys targeted 8 eligible households, and 4 ineligible households per village (“initially targeted”). If an initially-sampled household was not available to be surveyed on the day we visited the village for Baseline surveys (‘initially missed’), we replaced this household with the next one on a randomly ordered list of eligible households (“replacement households”). Endline 1 surveys targeted all “initially sampled” and “replacement” households, but not those ‘initially missed’. More details can be found in Haushofer et al. (2017a).

If households had both a primary male and female, 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. For households that had previously been surveyed (either at Baseline or Endline), we targeted the respondent last surveyed.

We conducted extensive tracking of moved-away households, sending team members across Kenya. For those moving to other countries, or to a few counties within Kenya where the security situation did not allow us to travel to, we attempted to follow-up over the phone.

### b) **Split households (eligible & ineligible)**

- Households per village: 1.55
- Average sampling probability: 21.8%

We targeted all households split-off from an eligible or ineligible household in our Endline 1 target sample. Since the Endline 1 target sample is representative of all Baseline households, this yields a representative sample of split-off households.

c) **Ghost households**

- Households per village: 1.00
- Average sampling probability: 31.2%

We targeted a random sample of  $\min(1, 24\%)$  of ghost households in each village.

d) **New households**

- Households per village: 1.07
- Average sampling probability: 24.7%

We targeted a random sample of  $\min(1, 24\%)$  of new households in each village.

The Endline 2 target sample was then split into two waves, containing a representative 50% of households within each stratum (i.e. village-by-household-category). We first target all households in Wave 1 for interviews, with villages (and households within villages) randomly ordered to ensure representativeness of each wave over time. After Wave 1 is completed, Wave 2 targets the remaining 50% according to the same village order, and households again ordered randomly within villages. Interviews with moved-away households in each wave are scheduled in more concentrated blocks throughout the duration of each wave due to travel logistics, though the order of interview schedules remains randomized.

For each stratum and wave (i.e. village-by-household-category), we will create sampling weights as the inverse sampling probability of this household within each stratum. These weights will make averages representative of households in each category as well as across categories. We will create weights separately for each wave, and pooled across both waves, and will use the corresponding weights in analyses utilizing data from each wave separately or combined.

### 2.3. Other data collections

Analyses outlined in this plan may occasionally draw on additional data (e.g. price data when deflating nominal values to real values). We therefore briefly describe two additional datasets collected at Endline 2: Enterprise data for a random sample of study-area enterprises as well as market price data. additional data here. For Endline 1, more details can be found in Egger et al. (2019) and Haushofer et al. (2016, 2018).

#### 2.3.1. Enterprise Data

Concurrently with the Endline 2 household census, we conducted an integrated enterprise census that enlisted all enterprises operating in the study area -- within villages as well as at all weekly market centers. This census was intended to update the enterprise census conducted at Endline 1. During the

census, enterprises were matched in real-time to enterprises collected as part of the Endline 1 enterprise census, and to owner households, and we collected basic enterprise characteristics such as location, sector, type, ownership structure, revenues, profits and contact information for all enterprises. This yields a sampling frame comprised of the following enterprise categories:

**a) Old Enterprises: 47.98%**

Enterprises that already existed at Endline 1.

**b) Ghost Enterprises: 26.84%**

Enterprises that report operating within the study area at Endline 1, but that were not captured in our Endline 1 enterprise census.

**c) New Enterprises: 25.18%**

Enterprises that report being newly established in the study area since Endline 1.

We then conducted enterprise surveys with a random subset of enterprises collected during the census. Sampling was stratified within these categories, and by enterprise location, and the type of location enterprises were operating from. We classified all enterprises according to their primary location as either operating in a village or in a market center, and as either operating from a homestead or from outside of a homestead. The Endline 2 target sample was determined in the following way:

**a) Old Enterprises**

All enterprises targeted for enterprise surveys at Endline 1 that were still operating as of the Endline 2 enterprise census remained in the sample. Then, we augmented with a random sample of additional enterprises so that the total number of enterprises sampled in each village met the following:

Operating from homestead:  $\min(2, 20\%)$  per village

Operating outside homestead:  $\min(3, 20\%)$  per village

**b) Ghost Enterprises**

Villages:

Operating from homestead:  $\min(1, 20\%)$  per village

Operating outside homestead:  $\min(.5 \text{ the number of villages}, 20\%)$  per sublocation

Market centers:

Operating from homestead:  $\min(.5 \text{ the number of markets}, 20\%)$  per sublocation

Operating outside homestead:  $\min(1, 20\%)$  per market center

**c) New Enterprises**

Villages:

Operating from homestead:  $\min(1, 20\%)$  per village

Operating outside homestead:  $\min(.5 \text{ the number of villages}, 20\%)$  per sublocation

Market centers:

Operating from homestead:  $\min(.5 \text{ the number of markets}, 20\%)$  per sublocation

Operating outside homestead:  $\min(1, 20\%)$  per market center

This yielded a total target sample of 5,015 enterprises. Similar to the household data, we then split the full sample into two waves. For enterprises operating in villages, we selected 50% of villages at random, and targeted the first set of villages for Wave 1, and the second set of villages in Wave 2. For enterprises operating in market centers, we selected a random 50% of each enterprise category in each market center for Wave 1, and the remainder for Wave 2. Wave 1 data collection was conducted between March 2021 - June 2021. Wave 2 has not yet started.

#### 2.3.2. Price Data

At Midline/Endline 1, we collected monthly price data for 70 relatively homogenous products from all 61 markets in the study area and neighboring towns with at least one weekly market day between August 2014 and January 2017. This period covered months before any transfers went out, and up to about 2.5 years after the first transfers went out.

At Endline 2, we collect data for the same 70 products, but augment this list with an additional 18 commonly sold service goods. The full list of products for which price data was collected can be found in Appendix A1. We visit 50% of markets each month, and collect both current prices as well as prices for the same items last month to yield a monthly panel where a representative 50% of prices are collected contemporaneously, the other 50% with recall a month later. We assign enumerators randomly to different markets and different products, and collect 3 price quotes from randomly selected sellers for each product at each market on a weekly market day. We record enumerator and seller gender, and follow a consistent protocol for eliciting price offers.

#### 2.4. Analysis and data examined to date

As we submit this pre-analysis plan, data collection for Wave 1 has been completed, 30 November 2020 - 25 June 2021. While some team members have looked at overall summary statistics to ensure data quality throughout the data collection, no treatment indicators have been merged to the data, nor have any data been analyzed in relation to treatment. A data management plan to this effect has been filed (AEA Registry: AEARCTR-0000505).

We note here that, after the filing of this pre-analysis plan, we may look at certain outcomes and the survey instruments for Wave 2 may change slightly based on initial results. In case this substantially alters the analyses or outcomes outlined in sections 3 and 4, we plan to file a corresponding amendment to this document before conducting any further analyses. Since both waves contain a full representative sample of the entire study area, we may also conduct subsets of the analyses on either wave separately.

### 3. Empirical Strategy

As outlined in Section 1, the main purpose of this analysis plan is to study the medium-term effects of cash transfers on recipients and their neighbors *present in the study area* at the time cash transfers were sent out. As such, this analysis is in the style of a medium-run impact evaluation, aiming to estimate medium-run average treatment effects of the intervention. This includes both direct effects on recipients as well as any potential within and across-village spillovers affecting both recipients and non-recipients present at Baseline. However, it does not include households that were not present at Baseline.

Our main sample of analysis are therefore households present at Baseline, comprised of Baseline Households (eligible & ineligible, stayers & movers) and Split Households<sup>3</sup> (eligible & ineligible, where status is assigned based on the status of the ‘parent’ household at Baseline). We exclude New Households from this analysis, as these were established in the study area only AFTER cash transfers went out, and therefore could not have been affected directly or through local-area spillovers in the short-run. Ghost Households are somewhat more ambiguous -- they reported at Endline 2 to have been present in the study area at Baseline but we did not capture them during our Baseline census. This could be due to us missing them incorrectly at Baseline as well as potential recall issues or household incentives to misreport. We therefore exclude Ghost Households from our main analyses, but may present versions of all regressions that include them for robustness.

### 3.1. Empirical specifications

Our analysis largely follows Egger et al. (2019). First, we estimate the effects on recipient households, then the effects on non-recipient households present in the study area at the time of transfers (Baseline).

#### 3.1.1. Effects on recipient households

Recipient households experience both direct effects of cash as well as potential within and across-village spillovers. A relatively crude way of capturing these spillovers, but one we consider a useful benchmark is the following specification which we run for eligible households present in the study area at the time of transfers:

$$y_{ivsw} = \alpha_1 Treat_v + \alpha_2 HighSat_s + \delta_1 y_{ivs,t=0} + \delta_2 M_{ivs} + \gamma_w + \varepsilon_{ivsw} \quad (1)$$

where  $y_{ivsw}$  is an outcome for household/individual  $i$  in village  $v$  and sublocation  $s$  (at Baseline) surveyed in Wave  $w$ ,  $Treat_v$  is an indicator for village  $v$  being treated, and  $HighSat$  is an indicator for sublocation  $s$  being allocated *high* saturation status (i.e.  $\frac{2}{3}$  of villages being treated in  $s$ , as opposed to  $\frac{1}{3}$  in low-saturation sublocations). We include the baseline value of the outcome variable ( $y_{ivs,t=0}$ ), when available, to improve statistical precision, set to the mean if missing and an indicator for missingness ( $M_{ivs}$ ).  $\gamma_w$  are wave fixed effects. We cluster standard errors at the village level, and weight observations by inverse sampling probabilities to be representative of the population of eligible households.

Our primary parameter of interest is  $\alpha_1$  which captures the direct effect of treatment on recipients as well as any potential spillovers on treated households within treatment villages.  $\alpha_2$  measures any additional across-village spillovers *within* sublocations (but not across). Since administrative sublocation boundaries in our context are relatively unimportant for economic activity, with substantial interactions across borders, and no meaningful social or ethnic divides, we do not consider  $\alpha_2$  primary. Instead, our main spillover measure will be captured in equation (2).

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<sup>3</sup> For the medium-run program evaluation described in this plan, our primary weights will be based on the initial sample, i.e. the total weights of split households will sum up to the weight of their ‘parent’ household. We will examine robustness of results to weights representative of the study area at Endline 2 (which we will also use for the ‘local area effects’).

To better capture the full spatial dimension of spillovers, we estimate the following specification for eligible households present in the study area at Baseline:

$$y_{i_{vw}} = \alpha + \beta Amt_v + \sum_{r=2}^{\bar{R}} \beta_r Amt_{v,r}^{-v} + \delta_1 y_{i_{v,t=0}} + \delta_2 M_{iv} + \gamma_w + \varepsilon_{i_{vw}} \quad (2)$$

where  $Amt_v$  is the total per-capita amount transferred to village  $v$ ,  $Amt_{v,r}^{-v}$  is the total per-capita amount transferred to households in a buffer of  $r-2$  to  $r$  km around the village centroid of village  $v$ , and all other variables are defined as above. The  $Amt$  variables depend on both the random assignment of villages to treatment and also on the endogenous share of households in those villages eligible for transfers, so we instrument for them using the own-village treatment indicator  $Treat_v$  and the share  $s_{-v,r}^{e,t}$  of eligible households in each band assigned to treatment (at the time of treatment). All other variables defined as above. To account for spatial correlation, we calculate standard errors using a uniform kernel up to 10 km (Conley 2008).

We select the maximum radii band included in the main specification ( $\bar{R}$ ) as in Egger et al (2019), by first estimating a series of nested models with the outer limit  $R$  varying from 2 to 20km, and then selecting the model which minimized the Schwarz Bayesian Information Criterion (BIC). In addition to the maximum radius selected by this procedure, we will also analyse effects using  $R_{SR}^-$ , where  $R_{SR}^-$  is the ‘optimal’ radius selected in the short run, for most outcomes at 2km with a few exceptions at 4km (Egger et al. 2019). If effects remain strongly localized as in Egger et al. (2019), we may additionally explore the spatial structure of spillovers, by defining smaller increments between radii bands.

Our main parameter of interest is the average “total effect” (including direct, within-village and across-village spillovers) experienced by recipient households, as in Egger et al. (2019). We calculate these by multiplying the estimated coefficients of Equation (2) by the average values of the regressors, i.e.

$$\hat{\beta} \cdot (Amt_v | i \text{ is an eligible recipient}) + \sum_{r=0}^{\bar{R}} \beta_r \cdot (Amt_{v,r}^{-v} | i \text{ is an eligible recipient}).$$

### 3.1.2. Effects on non-recipient households

Non-recipients are composed of eligible households in control villages as well as ineligible households in both treatment and control villages. These households experience indirect effects of cash transfers through both within-village spillovers (ineligibles in treated villages only) and across-village spillovers (both ineligible and eligibles in control villages). We concentrate here on households present at the time of transfers (Baseline), since they should have experienced these spillovers over the entire period of transfers and thereafter. Note that New households’ decision to move into the study area may be impacted by cash transfers as well -- another local area spillover effect. We consider these effects part of the impacts of cash on the local area and economy in our second pre-analysis plan as outlined in Section 1. Here, the aim is to compare the effects on recipients to non-recipients living in the study area at Baseline. We estimate:

$$y_{i_{vw}} = \alpha + \sum_{r=2}^{\bar{R}} \beta_r^1 Amt_{v,r} + \sum_{r=2}^{\bar{R}} \beta_r^2 (Amt_{v,r} \cdot Elig_{iv}) + \gamma Elig_{iv} + y'_{i_{v,t=0}} \cdot \delta + \gamma_w + \varepsilon_{i_{vw}} \quad (3)$$

where  $Amt_{v,r}$  is the per-capita amount of cash transferred into the  $r-2$  to  $r$  km buffer around the centroid of village  $v$ ,  $Elig_{iv}$  is an indicator for household  $i$  being eligible at baseline, and  $y'_{iv,t=0}$  is a vector of the baseline value of  $y_{iv}$  (set to the mean if missing) and an indicator for missigness, both interacted with indicators for eligibility. We again instrument for  $Amt_{v,r}$  using the share of eligibles within buffer  $r$  around village  $v$  allocated to treatment ( $s_{v,r}^{e,t}$ ), and use Conley (2008) standard errors with a uniform Kernel up to 10km. The procedure for determining  $\bar{R}$  will be the same as noted above for Equation (2).

Our main parameter of interest is the ‘total effect’ on non-recipient households, which is a population-weighted average of the average effects experienced by eligible households in control villages and ineligible households, as in Egger et al. (2019). This is calculated as:

$$s^{e,c} \left( \sum_{r=2}^{\bar{R}} (\hat{\beta}_r^1 + \hat{\beta}_r^2) \cdot \bar{A}mt_{v,r} | i \text{ is an eligible non-recipient} \right) + s^i \left( \sum_{r=2}^{\bar{R}} \hat{\beta}_r^1 \cdot \bar{A}mt_{v,r} | i \text{ is ineligible} \right)$$

where  $s^{e,c} = 1 - s^i$  is the population share of eligible non-recipients among all non-recipient households. In supplemental material, we report the effects for these two groups separately, as well as the breakdown between within- and across-village spillovers (see the Appendix of Egger et al. (2019)).

Our main specifications (1), (2) and (3) do not include any covariate adjustments, since Egger et al. (2019) found these to leave main results largely unchanged. We may consider additional specifications with covariate adjustments as described in Haushofer et al. (2017a) if this meaningfully increases the precision of our estimates.

### 3.2. Multiple inference adjustments

We follow Haushofer et al. (2017a) for our treatment of multiple inference adjustment. To summarize briefly: The naive p-values on our primary outcomes are correct for readers with an a priori interest in the hypothesis that cash transfers affect a particular outcome among them. To control for multiple inference, we calculate sharpened q-values (i) across our primary outcomes (as defined in section 4) and (ii) within each outcome ‘‘family’’ (as defined in section 5) 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 all 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. 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. Exact test of treatment effects

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) as in Egger et al. (2019). Randomization inference allows us to test the Fisherian sharp null hypothesis that  $y(t)_{iv} = y(c)_{iv}$  for every unit  $iv$ . To remain

analogous with our main specification, we use the conventional Wald statistics from Equations (1), (2) and (3) corresponding to the three main parameters of interest (Dummy-coefficient  $\alpha_1$  in Equation (1), the ‘total effect’ on recipients from Equation (2) and the ‘total effect’ on non-recipients from Equation (3)) as our test statistics. We calculate exact p-values for these three main effects under the null hypothesis using a Fisher permutation test, taking 10,000 permutations of treatment assignment and roll-out as it was implemented in the actual intervention, i.e.:

- 1) We randomly assign sublocation treatment intensity status
- 2) Within sublocations, we randomly assign treatment status
- 3) We then randomly assign treatment timing by subcounty (Alego, Ugunja and Ukwala) taking the average treatment roll-out speed within each subcounty as given.

We hold fixed the values of household eligibility, and calculate the exact p-value as the share of Wald Statistics for each main parameter that exceeds the one we find in our sample in absolute value.

### 3.4. Heterogeneous impacts

We conduct several analyses to study heterogeneous impacts in treatment effects. In Haushofer et al. (2017), we pre-specified 8 dimensions of (baseline) heterogeneity that we felt would be of general interest to development economists: i) female, ii) 25 years or older, iii) married, iv) completed primary school, v) has at least one child in the household, vi) above median value of subjective well-being, vii) operates non-agricultural business, viii) earns income from employment. For this analysis, we will add an additional dimension: ix) above / below median wealth (as measured by total value of household assets). We will follow the approach outlined there (interacting these indicators with the treatment term) for these dimensions of heterogeneity. We may also run analyses for other sources of heterogeneity in a more exploratory manner.

We have also used machine learning-based approaches to estimate heterogeneous impacts with Endline 1 data (Haushofer et al. 2017b). This analysis has applied generalized random forests to data from eligible households in order to predict both deprivation and treatment effects. We plan to also make use of machine-learning methods for identifying heterogeneous treatment effects with our Endline 2 data. We note that this is an active area of research and new tools continue to be developed; we expect to employ approaches such as Chernozhukov et al. (2019) and Athey et al. (forthcoming) but will adopt new approaches if they become standard, or offer other desirable properties for our setting.

In addition to estimating heterogeneity of treatment effects based on baseline household characteristics, we note here two particular directions of enquiry that are of interest: First, we may explore the ‘joint’ distribution of outcomes, such as whether there are trade-offs between the different uses of cash (e.g. whether households that saved more are those that have longer-term consumption increases, or whether households with the largest effect on consumption have larger effects on subjective well-being). In the second PAP, we will additionally study the heterogeneity of effects by characteristics of the economy, including market access (as in Egger et al. (2019)), spatial density, market structure, etc.

For both of these analyses, our primary focus will be on effects for recipient households, but as a secondary focus we will also investigate heterogeneous effects for non-recipient households.

### 3.5. Dynamic impacts

Where possible, we will pool the data with data collected at Endline 1 to study dynamic impacts of cash on recipient households (Section 5 outlines which outcomes are available at both Endline 1 and Endline 2). First, we will estimate pooled regressions across both Endline 1 and Endline 2, as well as conduct tests for whether the estimated effects at Endline 2 are different from those at Endline 1.

Second, we will investigate dynamic treatment effects more flexibly. The onset of cash transfers in each village, as well as survey timing across villages were randomized, thus providing random variation in the time expired between cash flowing into a household's village (and its surroundings) and the time of outcome measurement (see Egger et al. (2019) for more details). In particular, Endline 1 spans a time period of approximately 0 - 30 months after transfers went out, while Endline 2 is expected to cover a period of 48 to 84 months after transfers.

This will allow us to extend 'Impulse Response Functions' described and employed in Egger et al. (2019), with the following dynamic versions of specifications (1), (2) and (3):

$$y_{it,vs} = \alpha_t + \sum_{l \in L} \alpha_l Treat_{v(t-l)} + \sum_{l \in L} \gamma_l HighSat_{s(t-l)} + \delta_1 y_{ivs,t=0} + \delta_2 M_{ivs} + \varepsilon_{ivs} \quad (4)$$

$$y_{it,v} = \alpha_t + \sum_{l \in L} \beta_l Amt_{v(t-l)} + \sum_{l \in L} \gamma_l Amt_{v(t-l),\bar{R}}^{-v} + \delta_1 y_{iv,t=0} + \delta_2 M_{iv} + \varepsilon_{iv} \quad (5)$$

$$y_{iv} = \alpha_t + \sum_{l \in L} \beta_l^1 Amt_{v,\bar{R}} + \sum_{l \in L} \beta_l^2 (Amt_{v,\bar{R}}^{-v} \cdot Elig_{iv}) + \gamma Elig_{iv} + y'_{iv,t=0} \cdot \delta + \varepsilon_{iv} \quad (6)$$

where  $Treat_{v(t-l)}$  is an indicator for village  $v$ 's experimental treatment start date falling within time period  $l$  before time  $t$  (and analogously for  $HighSat_{s(t-l)}$ ).  $Amt_{v(t-l)}$ ,  $Amt_{v(t-l),\bar{R}}^{-v}$  and  $Amt_{v,\bar{R}}$  are transfer amounts flowing into village  $v$  at time  $t-l$ , and into radii bands up to radius  $\bar{R}$  around village  $v$  at time  $t-l$  (excluding or including village  $v$ ).  $\bar{R}$  is determined as described in section 3.1.1 and 3.1.2.  $\alpha_t$  are time-fixed effects.  $L$  are sets of time periods before measurement. There is a trade-off between estimation precision and resolution of the impulse response function. We anticipate leading with a yearly frequency as our default, but may explore other periodicities.

Time fixed effects  $\alpha_t$  capture any average variation in outcomes across calendar time (separately from time since treatment), including variations due to seasonality, or the ongoing COVID-19 pandemic. We may separately explore whether effects differ seasonally, or according to the state of COVID-19 policies.

### 3.6. Balance and attrition

Egger et al. (2019) contains a host of balance and attrition tests as pre-specified in Haushofer et al. (2017a), showing that the randomization succeeded in observationally comparable groups at Baseline. We refer to those analyses and pre-specified outcomes for testing balance and attrition for earlier rounds of data collected. We will update these analyses for the sample reached at Endline 2, as attrition in particular may change.

We follow Egger et al (2019) for analysing attrition, and whether it differed by treatment status. We estimate Equation (1) using as an outcome an indicator  $r_{vhs}$  for whether household  $h$  in village  $v$  in sublocation  $s$  is observed at endline, and do this separately for eligible and ineligible households, and with  $r_{vhs}$  defined either as being reached at Endline 2, both Baseline and Endline 2, and at Baseline, Endline 1 and Endline 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.

## 4. Primary outcomes of interest

The variables detailed in this section are our primary outcomes of interest; more details on their construction follow in the next section. We consider these outcomes important a priori, but we may investigate evolving machine learning approaches to identify outcomes that were affected by treatment from a wider list, such as the one proposed by Ludwig et al. (2019).

- 4.1. **Total value of non-land assets:** Summary measure of asset values (section 5.1)
- 4.2. **Total consumption expenditure in last 12 months:** Summary measure of consumption (section 5.2)
- 4.3. **Total earned household income in the last 12 months:** Summary index of income and profits (section 5.3)
- 4.4. **Total household business revenue in the last 12 months:** Summary measure of business revenue (section 5.4)
- 4.5. **Subjective well-being index:** Summary measure of subjective well being (section 5.5)
- 4.6. **Health status index:** Summary measure of respondent health (section 5.6)
- 4.7. **Education index:** Summary measure of education (section 5.7)
- 4.8. **Child health index:** Summary measure of child health (section 5.8)
- 4.9. **Female empowerment index\*:** Summary measure for female empowerment (section 5.9)
- 4.10. **Food security index:** Summary measure of food security (section 5.10)

4.11. **Hours worked in the last 7 days:** Summary measure of labor supply (section 5.11)

## 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, for main outcomes within each family.<sup>4</sup>

For monetary values, we will report outcomes in nominal terms as well as real USD PPP, where we use the price index collected at the closest market to each observation (see Egger et al. (2019)). We will winsorize monetary values at 1% and 99% for variables that take both positive and negative values, and at 99% for variables bounded (at zero) below. When constructing indices, we follow Haushofer et al. (2017a), which outlines our approach following Anderson (2008). When specific outcomes are listed as index components, we also intend to analyze these outcomes.

Outcomes marked by \* were not collected at Baseline. Outcomes marked by † were not collected at Endline 1. Outcomes marked by ‡ indicate variables where the definition has slightly changed since Endline 1; in these cases, we may consider creating consistent measures for robustness.

### 5.1. Assets

**Summary measure – Total value of non-land assets‡:** Sum of value of asset variables 6.3.a-z, 6.3.aa-jj, net of total amount of loans outstanding (outcomes 5.1.11.1-2).<sup>5</sup>

- 5.1.1. **Total value of livestock:** Sum of value of cattle, goats, sheep, chicken, other birds, pigs and fish (variables 6.3.aa-gg).
- 5.1.2. **Total value of enterprise-related assets:** Sum of value of farming tools, hand carts, wheelbarrows and ox plows (variables 6.3.w-z), and total value of enterprise assets from enterprises owned by the household (variable 8.53c-55c). Note: Some of these assets may also be used by the household for household-related purposes.<sup>6</sup>
- 5.1.3. **Total value of household durables:** Sum of value of beds, mattresses, bednets, tables, sofa pieces, chairs, cupboards/dressers, clock or watches, radios / cassette players / CD players, TVs and iron sheets (variables 6.3.e, h-o, q, v), as well as the value of bicycles, motorcycles, cars, boats, car batteries, kerosene stoves, kerosene lanterns, sewing machines, electric irons, computers, tablets, mobile phones, smart phones, solar panels, solar lanterns and generators

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<sup>4</sup> All outcomes of the form 5.X.X.X are considered secondary; main outcomes take the form 5.X.X with no other designation as secondary.

<sup>5</sup> This outcome was slightly improved since Endline 1, where this outcome was measured as total asset value minus the net value of total loans taken in the last 12 months. For Endline 2, this outcome is measured as total asset value minus the net value of outstanding loans to better reflect households’ current financial position.

<sup>6</sup> We have separate data on enterprise investment and capital stock from our enterprise surveys, and analyses related to those will be described in the local economy PAP.

regardless of whether or not respondents say these were also used in the enterprise they own (variables 6.3.a-d, f-g, p, r-u, hh-jj).

- 5.1.4. **House has non-mud floor:** Indicator from variable 6.1.0.a.
- 5.1.5. **House has non-thatched roof:** Indicator from variable 6.1.0.b for roof made of materials other than grass or leaves. Incomplete roofs are also coded as zero.
- 5.1.6. **House has non-mud walls:** Indicator from variable 6.1.0.c.
- 5.1.7. **House has electricity:** Indicator from variable 6.1.1 for having electricity from any source.
- 5.1.8. **Household primarily uses an improved toilet:** Indicator from variable 6.1.2 for toilet or portable toilet.
- 5.1.9. **Cost of materials and labor to build house:** Variable 6.1.5.a for households that own their own home.
- 5.1.10. **Total value of land owned by household:** Total acres of land owned by the household (variable 6.1.6) multiplied by price per acre of land in the village (variable 6.1.6.a)
- 5.1.11. **Total amount of debt household currently owes†:** Sum of outstanding loans taken from M-Kopa, commercial banks/lenders, moneylenders, M-Shwari, and anyone else outside the household (variables 6.4.5.b, 6.4.6.a, 6.4.8.a, 6.4.10.a, 6.4.12.f, 6.4.12.j).
  - 5.1.11.1. **Total amount of loans taken in the last 12 mo.:** Sum of borrowing from merry go-round/ROSCA, commercial banks/lenders, moneylenders, M-Shwari and anyone else outside the household (variables 6.4.4.b, 6.4.7.b, 6.4.9.b, 6.4.11.b, 6.4.12.e, 6.4.12.i). For Wave 1, we did not collect the total amount of loans taken from each type if the household did not have an outstanding loan with that type (due to a survey coding issue), but this data will be collected for Wave 2.
- 5.1.12. **Total amount of debt household is currently owed†:** Sum of outstanding loans given to anyone outside the household that respondent expects to get back (variable 6.4.13.f, 6.4.13.h).
  - 5.1.12.1. **Total amount of loans given in the last 12 mo.:** Total amount lent to anyone outside the household respondent over last 12 months (variable 6.4.13e, g).

## 5.2. Consumption

**Summary measure – Total consumption expenditure in last 12 months\*:** Sum of annualized total food consumption (outcome 5.2.1), annualized frequent purchases (variable 10.5 for all spending categories), and infrequent purchases in last 12 months (sum of variables 4.2.15.a-b, variable 10.7 for all spending categories, variable 10.9.b), all based on aggregate consumption questions.

- 5.2.1. **Total food consumption in the last 12 months\*‡:** For 11 food categories, expenditure in the last 7 days (variable 10.1) plus consumption value from own production (variable 10.2) and gifts received (variable 10.3) in the last 7 days, annualized.<sup>7</sup> We add in the annualized expenditure on prepared food consumed outside of the home in the last 30 days (variable 10.5.f). For Wave 2, we will bring in the cost of maize grinding (variable 10.1).

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<sup>7</sup> Survey questions for this outcome changed slightly since Endline 1, where we asked households' the value of their consumption across food categories. For Endline 2, we ask separately households' purchase amount, consumption value from own production, and value of gifts received across food categories.

- 5.2.2. **Total expenditure on temptation goods in the last 12 mo.\*:** Sum of alcoholic drinks and tobacco products in the last 7 days (variable 10.1) plus lottery tickets/gambling in the last month (variable 10.5.d), both annualized. For Wave 1, we did not collect data on alcoholic drinks and tobacco (due to a survey coding issue), but this data will be collected for Wave 2.
- 5.2.3. **Total housing expenditure in the last 12 mo.\*:** Sum of house rent/mortgage, home repair/maintenance, and improving/expending home (variable 10.7.a-c).
- 5.2.4. **Total education expenditure in the last 12 mo.:** Variables 4.2.15.a-c.
- 5.2.5. **Total medical expenditure in the last 12 mo.\*:** Variable 10.7.g-h.
- 5.2.6. **Total social expenditure in the last 12 mo.\*:** Sum of recreation/entertainment expenses in the last month (variable 10.5.g) times 12 plus religious expenses, charitable donations, weddings and funerals, and dowry/bride price in the last 12 months (variables 10.7.d-f, j).
- 5.2.7. **Total expenditure on durables in the last 12 mo.\*:** Variable 10.7.i.

We will additionally explore impacts on estimates of the flow value of durables, constructed as described in Haushofer et al. (2017a). Moreover, we anticipate further exploring spatial spending patterns across goods and across study area villages and markets as well as transactions with agents outside the study area (imports), also bringing in data from enterprise surveys to attribute spending to local value added following the discussion in Egger et al. (2019). We will provide more details in the local economy PAP.

### 5.3. Income and profits

**Summary measure – Total earned household income in the last 12 months:** 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 value of wages, salaries and in-kind transfers earned in the last 12 months (outcome 5.3.3).

- 5.3.1. **Total profits from agriculture and livestock in the last 12 mo.:** Sum of crop output (variable 7.16.a) valued at market prices if not reported in monetary units<sup>8</sup>, value of plus pastoral output sold (variable 7.6.b) plus value of livestock animals/poultry/fish/animals products consumed from own production (variables 7.6.i and 7.7.e), net of salaries paid to workers outside the household (variable 7.11.a), agricultural inputs (variables 7.14.a-g), and the rental cost of land for agricultural purposes (acres rented for agriculture times months rented times monthly rent (variable 7.4.b)). We lead with this constructed measure for consistency with Endline 1 and because we anticipate this being the most accurate. In Endline 2 we also asked respondents to self-report their agricultural profit by activity (variable 7.9.8) and will report on this as a robustness check.

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<sup>8</sup> 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.

- 5.3.2. **Total profits from non-ag. business in the last 12 mo.:** Sum of self-reported profits for all businesses owned (variable 8.27.b,c).<sup>9,10</sup>
- 5.3.3. **Total value of wages, salaries and in-kind transfers earned last 12 mo.:** Sum of cash salary last month (variable 9.16) plus total value of benefits last month (variable 9.17.a-f), annualized to a yearly measure by multiplying by the number of months worked in the last 12 months for all workers in the household.<sup>11</sup>
- 5.3.4. **Hourly wage rate for those employed/working for wages:** Cash salary last month (variable 9.16) times (7/30) to get a measure of weekly earnings, divided by total hours worked in the last week (variable 9.14), 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 5.11), we look at selection into working for wages as an outcome.
- 5.3.5. **Net value of remittances and goods sent in the last 12 mo.:** Sum of variables 17.6,8a (depending on number of transfers received) net of variables 17.14,16a (depending on number of transfers sent) across all transfer relationships. We will also look at sent and received values separately.
- 5.3.6. **Total land rental income in the last 12 mo.:** Sum of variables 6.1.7.a-c.

As noted above, our main summary measure focuses on earned household income with its direct ties to household productivity. An alternate measure of total household income brings in the value of transfers and land rental income, which we will also use as a measure of household economic conditions.

We anticipate further exploring the spatial patterns of income within and across study area villages and markets as well as transactions with agents outside the study area (factor income from ‘abroad’). Bringing in enterprise data, we also aim to attribute income to factor income paid by locally operating enterprises. We will provide more details in the local economy PAP. Our social networks PAP will further outline analyses relating to economic relations of income and spending between members of social networks (family, friends, community groups) as well as to what extent such relations are affected by cash transfers.

## 5.4. Business revenue and operations

**Summary measure – Total household business revenue in the last 12 months:** Sum of total revenue from agriculture and livestock in the last 12 months (outcome 5.4.1) plus total self-employment earnings in the last 12 months for all businesses owned (outcome 5.4.2).

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<sup>9</sup> Our data collection on past enterprises was slightly adjusted from Endline 1. For Endline 2, for currently operating enterprises, our primary measure is an annualized measure based on monthly recall (b). For enterprises currently closed, we use reported profits over the last 12 months (c). We may explore measures based on weekly or annual recalls for robustness, and assess them for reliability, given the volatility associated with the COVID-19 pandemic.

<sup>10</sup> Our primary measure will use self-reported profits. We may explore alternative constructions based on revenues minus costs for robustness.

<sup>11</sup> Our data collection on past jobs was slightly adjusted from Endline 1, including changes in the recall period. For Endline 2, this outcome is measured from all employment positions at any point in the last 12 months. The recall period for currently held positions is the last 30 days, whereas the recall period for past held positions is a typical 30-day period.

- 5.4.1. **Non-ag. business operated by any household members in the last 12 months:** Indicator variable from variables 8.1-3.
- 5.4.2. **Total revenue from agriculture and livestock in the last 12 mo.:** Sum of crop output (variable 7.16.a) valued at market prices if not reported in monetary units<sup>12</sup>, plus pastoral output sold (variable 7.6.b)
- 5.4.3. **Total revenue from non-ag. business in the last 12 mo.‡:** Sum of variable 8.25 for all businesses owned.<sup>13</sup>
- 5.4.4. **Total number of employees employed in household businesses: ag + non-ag.** In addition to combining them, we will also look at effects separately by ag and non-ag.
- 5.4.4.1. **Total number of workers employed for agricultural work in the past 12 mo.:** Sum across the number of workers employed across each agricultural/pastoral activity in the last 12 months (variable 7.10.b).
- 5.4.4.2. **Total number of employees of non-ag businesses in the past 12 mo.:** Variable 8.39.
- 5.4.5. **Total capital stock in household businesses: ag + non-ag.\*†:** In addition to combining them, we will also look at effects separately by ag and non-ag.
- 5.4.5.1. **Total value of capital stock for agriculture\*†:** Sum of the value of all the buildings, vehicles, machinery, and tools that the household uses for each agricultural/pastoral activity across all agricultural/pastoral activities (variable 7.13.a).
- 5.4.5.2. **Total value of capital stock for non-ag enterprises\*†:** Sum of the value of all the buildings, vehicles, machinery, tools, stock, and supplies owned by the enterprise (variables 8.52c-57c).
- 5.4.6. **Total operating costs in the last 12 mo.: ag + non-ag:** In addition to combining them, we will also look at effects separately by ag and non-ag.
- 5.4.6.1. **Total operating costs in agriculture and livestock in the last 12 mo.:** Sum of wages paid to agricultural/pastoral workers outside the household (variable 7.11), rental costs for capital used for agricultural/pastoral activities (variable 7.13.c) and agricultural/pastoral inputs (variables 7.14.a-g) for all agricultural/pastoral activities plus the rental cost of land (variable 7.4.b) from acres rented for agricultural purposes times months rented times monthly rent.
- 5.4.6.2. **Total operating costs in non-ag. business in the last 12 mo.‡:** Sum of total wage bill last month (variables 8.40.i and 8.42) plus monthly loan payments (variable 8.49.b) plus capital, land, and building rental costs last month (8.51-55.i) plus monthly expenditures on stock/inventory and materials/supplies (variables 8.56-57.b) plus monthly costs of electricity, water, insurance, and security

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<sup>12</sup> 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.

<sup>13</sup> This variable was slightly improved since Endline 1, where this outcome was measured from the revenue of all currently operating businesses (at the time of survey). For Endline 2, this outcome is measured from the revenue of all businesses that operated at any point in the last 12 months. For currently operating enterprises, our primary measure is an annualized measure based on monthly recall. For enterprises not operating, we use reported profits over the last 12 months. We may explore measures based on weekly or annual recalls for robustness, and assess them for reliability, given the volatility associated with the COVID-19 pandemic.

(variables 8.59.a-c) plus monthly cost of county license (variable 8.60.a divided by 8.60.b) if business is licensed with the county government plus monthly fees, taxes, and bribes (variables 8.63.a-g) for all businesses owned, multiplied by 12.<sup>14</sup>

- 5.4.7. **Total enterprise investment in the last 12 mo.: ag + non-ag.\*†**: In addition to combining them, we will also look at effects separately by ag and non-ag.
- 5.4.7.1. **Total investment in agricultural enterprises in the last 12 mo.\*†**: Sum of purchase and maintenance expenditures for buildings, vehicles, machinery, and tools used for each agricultural/pastoral activity in the past 12 months across all agricultural/pastoral activities (variable 7.13.b)
- 5.4.7.2. **Total investment in non-ag enterprises in the last 12 mo.\*†**: Sum of all enterprises' total expenditure/investment in each asset in the past 30 days across all assets, times 12 (variable 8.51-55.g)

These outcomes are intended to measure business activities of households surveyed. In the local economy PAP, we will additionally bring in more detailed data from our enterprise survey that can be combined and integrated with these data. Additional analyses, including on value added, capital stock, imports and exports, supplier relationships, capacity utilization, prices and markups, with a view on how these fit into aggregate economic activity will be specified there.

## 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.

- 5.5.1. **Depression**: Scale score calculated from variables 14.1-10.
- 5.5.2. **Happiness**: Variable 14.11, reverse-coded.
- 5.5.3. **Life satisfaction**: Variable 14.12.
- 5.5.4. **Perceived stress\***: Scale score calculated from variables 14.13-16.
- 5.5.5. **Hedonic Well-being Index\*†**: Index of experiencing smile/laughter, enjoyment, happiness, worry, sadness, stress, and anger in the previous day (variables 15.2.1 and 15.2.2.a-f). All items are recoded so that positive experiences are coded as 1 and all other answers are coded as 0. The final score is the mean of valid items multiplied by 100.
- 5.5.6. **Evaluative Well-being\*†**: Scale score calculated from variable 15.1.

Four measures that were included in the Endline 1 analysis are no longer being collected: aspirations, self-efficacy, internal locus of control, and hope.

## 5.6. Health

**Summary measure – Health status index**: Weighted, standardized average of self-reported health (outcome 5.6.1), index of symptoms (outcome 5.6.2), and experienced a major health problem (outcome

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<sup>14</sup> For Endline 2, we have more detailed spending on renting assets, whereas during Endline 1, monthly rent was only captured for building/land rent.

5.6.4), appropriately signed so that positive values indicate better health outcomes.

- 5.6.1. **Self-reported level of general health:** If respondent reports health is “very good” in variable 12.1.5, coded as 5, otherwise from 12.1.6 “good” is coded as 4, “fair” is coded as 3, “poor” is coded as 2, and “very poor” is coded as 1.
- 5.6.2. **Index of recent symptoms\*:** Weighted, standardized average of variable 12.1.10 of indicators for health conditions.
- 5.6.3. **Days of work, school missed due to poor health in the last 4 weeks:** Variable 12.1.4.
- 5.6.4. **Experiences major health problem that affected work or life\*:** Variable 12.1.14.
- 5.6.5. **No. of visits to hospital or clinic in the last 3 months\*:** Variable 12.1.11.

One measure that was included in the Endline 1 analysis is no longer being collected: respondent’s total expenditure on medical treatments and medicine in the last 4 weeks. For Endline 2, we collect medical expenditure at the household level (outcome 5.2.5).

As a secondary analysis, we will also look at the following COVID-19 related outcomes:

- 5.6.6. **Number of in-person social interactions in the last 7 days†:** Variable 12.2.1.
- 5.6.7. **Self-reported mask-wearing index†:** mean effects index of reporting to “always” wearing a mask in the last 7 days when i) going to a market center, ii) attending a religious gathering, iii) using public transport, iv) visiting a store in the village, v) visiting another household, and vi) at work (variable 12.2.4). We will compare own self-reports to questions that ask about the behavior of other households in the village (variables 12.2.5 and 12.2.6).
- 5.6.8. **COVID-19-related medical expenses, including masks, soap, hand sanitizer, and any medical care related to COVID-19 in the last 12 months†:** Variable 10.7.g.
- 5.6.9. **Indicator for agreeing that it is more important to guard the health of groups vulnerable to COVID-19 (vs. supporting livelihoods by keeping business and schools open)†:** Variable 13.1.7.

We included several questions around COVID-19 testing which we will use in exploratory analysis; given the lack of testing availability throughout much of the survey period to date. We similarly consider questions around the experience of COVID-19 symptoms as exploratory, given the overlap between some of these symptoms and other diseases. See also Egger et al. (2020) for more details on analyses related to COVID-19 rapid response phone surveys with the same sample of households. Many of the economic and wellbeing outcomes that were pre-specified as part of Egger et al. (2020) are covered by other families in this pre-analysis plan. We may combine those data with Endline 2 data here. For these outcomes, we are interested in both treatment effects of the cash transfer program as well as descriptive statistics and trends in these outcomes.

## 5.7. Education and Child Home Environment

**Summary measure – Education index:** Weighted, standardized average of total education expenditure (outcome 5.7.1) and proportion of school-aged children in school (outcome 5.7.2), appropriately signed so that higher values represent better education outcomes.

- 5.7.1. **Total education expenditure in the last 12 months:** Variable 4.2.15.
- 5.7.2. **Proportion of school-aged children in school:** Number of school-aged children (6-16) in the household roster attending school in current/most recent school term (variable 4.2.2), divided by total number of school-aged children on the household roster.
- 5.7.3. **No. of days attended school in the last five days school was in session:** Variable 4.2.7 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), converted to a household-level average across school-aged children.
- 5.7.4. **Child home environment index\*†:** Weighted, standardized index of following questions for children under 12 years old:
  - 5.7.4.1. **Indicator for music player or radio that children can listen to:** Variable 6.2.1.a
  - 5.7.4.2. **Number of books for children:** Variable 6.2.1.c
  - 5.7.4.3. **Indicator for art supplies in the home:** Variable 6.2.1.e
  - 5.7.4.4. **Indicator for strategy games in the home:** Variable 6.2.1.f
- 5.7.5. **Child engagement index\*†:** Weighted, standardized index of indicators for children 8 or under for whether any person over age 15:
  - 5.7.5.1. read to the child (if over 2, variable 4.2.13a)
  - 5.7.5.2. told stories to the child (if over 2, variable 4.2.13b),
  - 5.7.5.3. sang or played instruments with the child (variable 4.2.13.c),
  - 5.7.5.4. played with child in past 7 days (variable 4.2.13.d).

We will also look at several secondary measures:

- 5.7.6. **Adult education\*:** Indicator variable from variable 5.1.1 for respondent having undertaken new form of education or training.
- 5.7.7. **Attendance by schooling type (primary, secondary and tertiary):** Variable 4.1.29.b
- 5.7.8. **Days of school missed due to being sent home because of school fees, most recent school term\*:** Variable 4.2.8 for household members enrolled in the current school year. Set to zero if child sent home zero times. Converted to a household-level average across school-aged children.

In exploratory analysis, we may also look at the child engagement index by relation (specifically, parent, sibling and non-parent adult).

## 5.8. Child health

The information on child health that we collect depends in part on a) the age of the child and b) child year of birth.

**Summary measure - Child health index\*†:** We construct a weighted, standardized index of the following outcomes for each child in the household for any of the following outcomes that we measure. We then convert this to the household level by taking an average across children in the household:

- 5.8.1. **Self-reported child health\*†:** Variable 4.2.9
- 5.8.2. **Index of child symptoms (for children under 12)\*†:** Mean effects index of indicators for symptoms of fever / malaria, vomiting, cough, diarrhea, or any other infection (variables

#### 4.2.10.a-e)

The following outcomes are only measured for births after 2014:

- 5.8.3. **Child's birthweight**\*†: Variable 5.4.20.c.
- 5.8.4. **Under-5 mortality**\*†: Variables 5.4.14 and 5.4.15.
- 5.8.5. **Indicator for receiving antenatal care**\*†: Variable 5.4.6.

Our aim is to capture variation driven possibly by cash transfers. As cash transfers rolled out over a period of multiple years and may have created both direct and spillover effects that operated at different time and spatial horizons it is not obvious which cutoff birth date to use for child outcomes. In our primary analyses, we will focus only on children born at least 9 months after the experimental start date (the randomly assigned date at which transfers to a village start). In secondary analyses, we include all children born since 2014 (when the first transfers in the study area went out).

For consistency with other outcomes in this pre-analysis plan, our main measure averages across children to generate a household-level measure that can be analyzed with the same regression equations as outlined above. In addition to averaging across children, we will also conduct a child-level analysis, which allows us to include additional controls, such as indicators for gender, child age bracket and/or year of birth.

In exploratory analysis, we may also investigate whether effects depend on child gender, age, etc. (at the time of transfer) and the time spent within the household since then. Beyond average effects, we are also interested in distributions of outcomes (particularly extreme negative outcomes) and anticipate exploring this using e.g. quantile regressions, or the minimum outcomes across children in each household.

## 5.9. Female empowerment

A number of the outcomes in this section rely on questions from section 18 of the household survey. This is only administered to female respondents that are married or cohabitating and are being surveyed by female enumerators, so our summary measure (and a number of the outcomes below) will be restricted to this sample.

**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.

- 5.9.1. **Violence index**\*: Weighted standardized average of frequencies of physical, emotional, and sexual violence (outcomes 5.9.3, 4, 6).
- 5.9.2. **Attitudes index**\*: Weighted standardized average of male-oriented attitudes (outcome 5.9.7) and justifiability of domestic violence (outcome 5.9.8).
- 5.9.3. **Frequency of physical violence in the last 6 mo.**\*‡: Sum of indicator variables for 'sometimes' or 'often' experiencing physical violence (variable 18.3).<sup>15</sup>

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<sup>15</sup> At Endline 1, we asked for frequencies while at Endline 2, answer options were 'never', 'sometimes' and 'often'. We will explore robustness to using indicators only for 'often'.

- 5.9.4. **Frequency of emotional violence in the last 6 mo.\*‡**: Sum of indicator variables for ‘sometimes’ or ‘often’ experiencing emotional violence (variables 18.1-2). (See note under 5.9.3)
- 5.9.5. **Spouse raped or performed non-consensual sexual acts on the respondent\***: Indicator variable from variables 18.4 and 18.5.
- 5.9.6. **Frequency of sexual violence in the last 6 mo.\*‡**: Sum of indicator variables for ‘sometimes’ or ‘often’ experiencing sexual violence (variable 18.4 and 18.5). (See note under 5.9.3)
- 5.9.7. **Male-oriented attitudes\***: Sum of indicators for agreeing with male-oriented attitudes (variables 13.4.1-5).
- 5.9.8. **Justifiability of domestic violence\***: Sum of indicators for agreeing domestic violence justified (variables 13.4.6.a-e).

One measure that was included in Endline 1 analysis is no longer being collected: marital control.

## 5.10. Food security

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

- 5.10.1. **No. of days adults in household skipped meals or cut the amount of meals in the last 7 days**: Variable 12.1.8.a.
- 5.10.2. **No. of days children in household skipped meals or cut the amount of meals in the last 7 days**: Variable 12.1.8.b.
- 5.10.3. **No. of days adults in household gone entire days without food in the last 7 days**: Variable 12.1.9.a.
- 5.10.4. **No. of days children in household gone entire days without food in the last 7 days**: Variable 12.1.9.b.
- 5.10.5. **No. of days adults in household gone to bed hungry in the last 7 days**: Variable 12.1.7.a.
- 5.10.6. **No. of days children in household gone to bed hungry in the last 7 days**: Variable 12.1.7.b.
- 5.10.7. **No. of meals eaten yesterday that included meat, fish, or eggs**: Variable 12.1.2.

We also use these to construct an adult food security index and child food security index:

- 5.10.8. **Adult food security index**: weighted, standardized index of food security outcomes for adults in the household (5.10.1, 3, 5).
- 5.10.9. **Child food security index**: weighted, standardized index of child food security outcomes (5.10.2, 4, 6).

## 5.11. Labor supply and time use

**Summary measure – Total hours worked in the last 7 days**: Sum of respondent’s hours worked in agriculture<sup>16</sup> (variable 7.9.c), self-employment (variable 8.24 or 8.31) and employment in the last 7 days

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<sup>16</sup> The survey question on respondent’s hours worked in agriculture has changed slightly since Endline 1, where we asked how many hours the respondent worked in the last 7 days. At Endline 2, we ask how many days the

(variable 9.14).

- 5.11.1. **Respondent currently self-employed or employed/working for pay:** Indicator for respondent main decision-maker for self-employed enterprise (variable 8.7) or respondent employed/working for pay (variable 9.1b and 9.10).
- 5.11.2. **Respondent's total hours worked in employment or self-employment in the last 7 days:** Sum of hours worked in employment (variable 9.1b) and self-employment in the last 7 days (variable 9.14).
- 5.11.3. **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 (variable 9.1b), divided by number of adults in the household aged 18 to 65 from household roster (variable 4.1.28).
- 5.11.4. **Total household hours worked in the last 7 days:** Sum of all household members' hours worked in agriculture (variable 7.9.c), self-employment (variable 8.31 and 8.43b) and employment in the last 7 days.

In addition, we will look at the following secondary outcomes:

- 5.11.5. **No. of months respondent worked in self-employment or employment the last 12 mo.\*:** Sum of number of months worked in self-employment enterprise if respondent is main decision-maker (0 if respondent not self-employed) plus number of months respondent worked in employment.
- 5.11.6. **Hours household spent actively searching for jobs, applying for jobs, or in interviews in the last 7 days\*:** Variable 9.22.
- 5.11.7. **Respondent's hours spent on household chores in the last 7 days:** Variable 6.1.9.

We will further explore results at the individual level, including all adult household members. But, given potential mismeasurement in respondents' reports on the activity of other household members, we treat specifications at the individual level, including all adult household members as secondary.

## 5.12. Migration

- 5.12.1. **Respondent lived in a different (administrative) location for more than 4 months since Baseline:** Indicator from variable 5.2.1. In exploratory analyses, we will break down reasons for migrating, e.g. work, family, etc.
- 5.12.2. **Respondent lived in an urban area for more than 4 months since Baseline:** Indicator from variable 5.2.2, where we follow our procedure from Haushofer et al. (2017a) for defining urban areas, and the robustness of results to major urban centers.
- 5.12.3. **Net change in number of household members since Baseline:** Number of household members currently in household (other than respondent) minus number of household members as of Baseline date (from variables 4.1.1 and 4.1.8).

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respondent worked in the last month and how many hours the respondent works in a typical day, which we will use to calculate a measure of hours worked in agriculture in a 7-day period.

- 5.12.4. **Any Baseline household member migrated to an urban area:** Indicator from variables 4.1.1 and 4.1.4.

In the local economy PAP, migration will play a key role, and we will specify analyses of census data as well as surveys with newly established households to study both emigration and immigration since Baseline.

### 5.13. Marriage and fertility

We look at two outcomes to study changes in marital patterns over time (we do not seek to interpret either of these as necessarily positive or negative):

- 5.13.1. **Newly married since Baseline\*†:** Indicator from variable 5.3.2 for having newly married since Baseline. Note: We will look at this overall, as well as conditional on respondents being unmarried at Baseline because of the possibility of polygamy.
- 5.13.2. **Separated/divorced since Baseline\*†:** Indicator from variable 5.3.3 for having separated or divorced since Baseline, conditional on ever being married.

We also explore, primarily for new marriages since Baseline (but we can also look at this across the full sample) constructing an index of marital quality, which we construct as a mean effects index based on i) age gap (male - female), ii) education level, iii) ownership of mobile phone, television, radio. We are particularly interested in marriage outcomes by gender, and we may lead with presenting results disaggregated by gender. In Wave 2, we will additionally include questions about arranged marriages as well as payments of bride price for new marriages which we will also explore.

- 5.13.3. **Number of pregnancies since Baseline\*†:** Number of pregnancies since Baseline (variable 5.4.3) for respondents under age 50 at Baseline. (Note: for male respondents, this is the number of pregnancies of all their partners.)

We are interested in fertility patterns by gender and may lead with disaggregated results. Heterogeneity by baseline age may also be especially important for this set of outcomes.

### 5.14. Crime and safety

**Summary measure - Security index\*:** Weighted, standardized average of instances of experienced crimes (outcomes 5.14.1 and 5.14.2), appropriately signed so that positive values reflect less crime.

- 5.14.1. **No. of times victimized by property crime in the last 12 months\*:** Theft + any other property crimes (variables 11.3.1a-3a, 11.3.8a).
- 5.14.2. **No. of times victimized by violent crime in the last 12 months\*:** Including assault, arson, or witchcraft and any other violent crimes (variable 11.3.4a-7a, 11.3.8a).
- 5.14.3. **Worry about crime or safety in the neighborhood\*:** Indicator from variable 11.3.9 for “somewhat worried” or “very worried” about crime or safety.

In exploratory analyses, we also explore whether reporting of crimes has been affected by transfers. Our secondary outcome is:

- 5.14.4. **Indicator for unreported crimes in the last 12 mo.\***: Indicator from variable 11.3.1b-8b for response of “no” to any of variables

## 5.15. Social networks

- 5.15.1. **Number of close friends + number of good friends\*†**: Variables 3.2.4 and 3.2.6.
- 5.15.2. **Predicted wealth of good and close friends\*†**: We project wealth on ownership of mobile phones, radios and televisions in our full sample (population weighted). We then construct predicted average wealth of close and good friends based on their ownership of these 3 assets (variables 3.2.13.a-c).
- 5.15.3. **Share of close and good friends that are ineligible\*†**: We have this data for all network relations that were matched to our household census (variable 3.2.18), and captured in our Baseline census. Eligibility is a proxy for household wealth at baseline.

In addition, we will look at the following secondary outcomes:

- 5.15.4. **Share of good and close friends living outside respondent village\*†**: This captures the geographic breadth of respondents’ social networks (variable 3.2.17).
- 5.15.5. **Average assets (5.1) of good and close friends\*†**: We have this data for all network relations that were matched to our household census, and who were also surveyed as part of Baseline, Endline 1 or Endline 2 household surveys.
- 5.15.6. **Average consumption (5.2) of good and close friends\*†**: We have this data for all network relations that were matched to our household census, and who were also surveyed as part of Baseline, Endline 1 or Endline 2 household surveys.

These measures are meant to briefly capture the social connectedness dimension of household well-being. In an additional social networks pre-analysis plan, we intend to specify additional analyses on the social networks dimension in more detail: In particular, we collected detailed social network data for respondents across many dimensions, including cohabitation, kinship, friendship, transfer relationships, employer-employee relationships and co-memberships of various community groups both within and across villages. For all these social ties, we collect various dimensions of the nature of ties and their strength (e.g. strength of friendship, frequency of interaction, amount transferred, duration of the connection, positions of responsibility, etc.). With this data, we aim to characterize the networks and linkages among households and firms, and how these respond to an influx of cash. We aim to look at how treated households’ networks change directly on the one hand, whether spillovers to treated and untreated households flow through particular dimensions of these networks, as well as how these networks change in equilibrium. For the estimation of higher-order network parameters, we build on recent progress in the networks literature, showing how these parameters can be estimated from random samples of nodes (Chandrasekhar & Lewis 2016). We also combine our survey data with household characteristics from our 2019 census to generate aggregate relational data (ARD) (Breza et al. 2019a, Breza et al 2019b).

Some of these social networks-related outcomes may also overlap with measures of community engagement (such as number of community group memberships, leadership positions within groups and the community) that will be pre-specified as part of a separate analysis plan on civic and community engagement.

## 5.16. Child-related outcomes

We will also pool all child-related outcomes across families into one specific family, with the goal of looking at whether there is any overall effect of the cash transfer program on children. We also combine each of these variables into an overall summary index, which we consider as a secondary outcome. By combining these into a single family, we are also able to conduct multiple testing adjustments among all child-related outcomes. We note that this is non-standard: while many readers may be more interested in effects on the individual outcomes as included in the families above, this approach provides an overview of an important set of intrahousehold outcomes. Our main measure does this at the household level, as this is a level we can generate all child-related outcomes, but we will also look at the child level for outcomes that we can construct at this level.

**Summary measure: Child wellbeing index\*†:** As we have no a priori reason to prioritize one outcome over another, we generate a mean effects index of the following outcomes from above:

- 5.16.1. **Education Index** (4.7)
- 5.16.2. **Child home environment index** (5.7.4)
- 5.16.3. **Child engagement index** (5.7.5)
- 5.16.4. **Child health index** (4.8)
- 5.16.5. **Child food security index** (5.10.9)

As a secondary outcome, as we only have this for a subset of the sample (see previous note on section 18), we will also analyze the following outcome related to violence against children in the household:

- 5.16.6. Partner beat any child under 12 living in the household in the last 6 months** (Variable 18.6)

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## Appendix

### A1. List of products for price data

**Food:** maize, millet, sorghum, rice, sweetpotato, cassava, irish potato, plantains, papaya, watermelon, banana (sweet), orange, pineapple, mango, avocado, passion fruit, jackfruit, groundnuts, beans, cowpea leaves, green grams, tomatoes, onions, kales, cabbage, saka (local vegetable), beef, goat (meat), fish (tilapia), pork

**Livestock:** calf, bull, goat, sheep, chicken

**Duka:** bar soap, washing powder, bleach, cigarettes, toothpaste, vaseline/lotion, batteries (3-volt), waterguard

**Duka non-food:** maize flour, wheat flour, milk (fresh), milk (fermented), milk powder, cooking fat, sugar, tea leaves, bread, biscuits, cake, eggs, soda

**Hardware:** 1 iron sheet (32 gauge), water paint, (large) padlock, cement, roofing nails, timber (2x2), nails (3 inch)

**Other:** Panadol/aspirin, mosquito net, small sufuria, mattress, improved seed (maize), fertilizer, leso, firewood, charcoal, kerosene, jerry can (20L), thermos flask, slippers, bicycle (local)

**Services:** head shave\*, blow dry\*, bike puncture\*, pressure fill\*, bed frame\*, photocopy\*, internet\*, printing\*, epl match\*, movie\*, moto puncture\*, car puncture\*, mobile charge\*, tailor patch\*, tailor hem\*, moto wash\*, car clean\*, shoe polish\*

\* denotes products for which price data were not collected at Midline/Endline 1.



**SECTION 1. Survey Information and Informed Consent**

**Greetings! You are about to begin the GE Endline 2 Household Survey. Please fill in the following questions before engaging the respondent.**

1. a. FO Name: \_\_\_\_\_  
b. FO REMIT ID: |\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

2. Where are you conducting this survey?:  
a. County: \_\_\_\_\_  
b. Sub County: \_\_\_\_\_  
c. Location: \_\_\_\_\_  
d. Sublocation: \_\_\_\_\_  
e. Village: \_\_\_\_\_

3. HouseholdID:  
|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_| - |\_|\_|\_|\_|\_|

4. a. What type of respondent are you speaking with? |\_|\_| (1=Target Respondent, 2=Alternative Respondent)  
***If TR, skip to question 5. If AR, continue.***  
b. Why is the target respondent not available? |\_|\_| *Use target codes.*

bi. ***(if TR joined other household)*** I would like to match the new household of [TARGET RESPONDENT] to our study's village census. I will start by asking where [TARGET RESPONDENT] lives.

- County: \_\_\_\_\_  
Sub County: \_\_\_\_\_  
Location: \_\_\_\_\_  
Sublocation: \_\_\_\_\_  
Village: \_\_\_\_\_  
HHID: \_\_\_\_\_ (done in SurveyCTO)

- c. What is the respondent's relations to the Target Respondent? |\_|\_| *Use g4 codes.*

5. Date of interview: (DD/MM/YYYY) |\_|\_|\_|\_|/|\_|\_|\_|\_|/|\_|\_|\_|\_|\_|\_|

6. Time start interview: (24 hr clock) |\_|\_|\_|\_| : |\_|\_|\_|\_|

**Informed Consent: Read consent script to the respondent.**

7. Do you consent to take part in this research?  (1=Yes, 2=No)

8. **Do not ask the following question. Simply record your impressions.** Is the respondent able to proceed with the survey? (1=Yes-FR agrees to participate; 2=No-FR refuses to participate; 3=No-FR does not refuse but is unable to participate, 4=No-FR refuses to wear a mask)

a. Was the FR wearing a mask when you approached the homestead?  Yes / No

b. Are they wearing it now?  Yes / No

i. (if no) Why not?

Respondent doesn't own a mask

*Provide a mask to the FR, then continue.*

Respondent refuses to wear a mask

**If FR refuses to wear a mask, do not continue with the survey. Return to question 8 and indicate "No, FR refuses to wear a mask".**

**If YES, skip to Section 2. If NO, continue.**

8a. **Do not ask the following question. Describe your impressions of the refusal / inability to participate.**

1 = Wants to reschedule (**skip to "Rescheduling instructions" below**)

2 = Refusal for this round only (**skip to question 8b**)

3 = Refusal for this round and any future rounds (**skip to question 8c**)

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 9**)

8 = Unable to survey – deceased (**skip to question 10**)

10 = Unable to survey – other (**skip to question 8d**)

**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.

8b. **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 REMIT
- 6 = FR hasn't received (further) assistance from REMIT 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".*

8c. **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?

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*Skip to "Closing Interview Statement".*

8d. Specify other reason respondent is unable to survey: \_\_\_\_\_  
*Skip to "Closing Interview Statement".*

9. **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.**

9a. What is the highest level of education he/she attended? *Use G6 codes.* |\_\_|

9b. What is his/her occupation? *Use G9 codes.* |\_\_| \_\_\_\_\_

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

10. **Read:** I am sorry for the loss. I understand this may be painful to talk about, but what was the cause of death? *Use D1 codes.* |\_\_|  
**If 77/Other: If the FR is comfortable, please specify the other cause of death.** \_\_\_\_\_

10a. In what year did this person pass away? |\_\_|\_|\_|\_|\_|\_|

10b. Who is providing this information about the respondent?

i. Name: \_\_\_\_\_

ii. Phone number: |\_\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**Closing Interview Statement:** 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 REMIT office.

**End interview here.**

**SECTION 2. Defining the Household**

1. What is your current full name?

|\_\_\_\_\_| / |\_\_\_\_\_| / |\_\_\_\_\_|  
(First name) (Middle/Second Name) (Last Name)

1a. **(if FR = TR) Do not ask the following question. Simply record your impressions.** Does this name match the information on your tracking sheet? *Note: 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.**

1a. **(if FR != TR)** Our previous records indicate the Target Respondent's name is [PREFILL TR NAME]. Can you confirm this name matches someone in your household? *Note: 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 someone from the same household as the respondent as listed on the tracking sheet.**

1b. Why is this name different from 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= Dropped Family Name; 6= Name previously mistaken / incomplete; 77= Other (specify) /| 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)   
**If YES, continue. If NO, skip to question 3.**

2a. What other name do you go by for official documents? *Probe to get names in the 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. **(if FR = TR) Do not ask the following question. Simply record your impressions.** Does this agree with the gender reported on the tracking sheet? (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? Note: A response of yes means the respondent is unsure of their 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. **(if FR = TR) Do not ask the following question. Simply record your impressions.** 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.**
- 4c. **(if FR != TR)** Our previous records indicate the Target Respondent's age/year of birth as [PREFILL TR YOB/AGE]. Can you confirm this info is correct for [PREFILL TR NAME]? (1=Yes, 2=No)
5. What is your place of birth?
- 5a. Country? Use G1 codes.  Other: \_\_\_\_\_
- 5b. County? *If FR does not know county, 1992 district and county are equivalent. Use G2a codes.*  Other: \_\_\_\_\_  
**If FR doesn't know 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.  Other: \_\_\_\_\_  
**If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 5g.**
- 5e. Subcounty?  
5e. Location?  
5f. Sub-location?  
5g. Village / Neighborhood?
- 5h. **Do not ask the following question. Simply record your impressions.** Does this match the information provided on the tracking sheet? (1=Yes, 2=No)   
**If NO, please confirm the place 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 subtribe? *Note: if respondent is female, we want her subtribe, not the subtribe of her husband. Use subtribe codes.*  Other: \_\_\_\_\_

6a. What is your clan? (-99=DK) \_\_\_\_\_

7. What is your father's name?

\_\_\_\_\_| / |\_\_\_\_\_| / |\_\_\_\_\_|  
(First name) (Middle/Second Name) (Last Name)

7a. **(if FR = TR) 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.**

7a. **(if FR != TR)** Our previous records indicates [PREFILL TR NAME]'s father's name is [PREFILL TR FATHER NAME]. Can you confirm this is the name of the father of [PREFILL TR NAME]? (1=Yes, 2=No, -99=DK)   
**If YES, 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. **(if FR = TR) 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 9. If NO, continue.**

8a. **(if FR != TR)** Our previous records indicate [PREFILL TR NAME]'s mother's name is [PREFILL TR MOTHER NAME]. Can you confirm this is the name of the mother of [PREFILL TR NAME]? (1=Yes, 2=No, -99=DK)   
**If YES, skip to question 9. 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: \_\_\_\_\_

9. 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) |\_\_\_\_\_|

10. **(if married or cohabiting)** What is your spouse's name?

|\_\_\_\_\_| / |\_\_\_\_\_| / |\_\_\_\_\_|  
(First name) (Middle/Second Name) (Last Name)

11. **FO:** Below are the results of the identity verification questions:

- TR name: [VERIFIED / DISCREPANCY / N/A]
- TR gender: [VERIFIED / DISCREPANCY / N/A]
- TR age/dob: [VERIFIED / DISCREPANCY / N/A]
- TR father name: [VERIFIED / DISCREPANCY / N/A]
- TR mother name: [VERIFIED / DISCREPANCY / N/A]

Are you suspicious that this respondent does not belong to the household on the tracking sheet? (1=Not at all suspicious, 2=A bit suspicious, 3=Moderately suspicious, 4=Very suspicious) |\_\_|



5b. Whose phone is this? **Write name.** \_\_\_\_\_

5c. What is this person's relationship to you? **Use G4 codes.** |\_\_| Other: \_\_\_\_\_

6. In the future, we may want to contact you by email. Do you have an email address?  
(1=Yes, 2=No) |\_\_|

6a. **If yes:** What is it? **Write.** \_\_\_\_\_

**Section 3.2. Family and Friend Networks / Additional Contacts**

**FO Note (do not read):** For this section, we will ask the respondent about their friends and family. We are interested in relatives that the respondent feels close to, close friends, and good friends. There is no right or wrong number of relatives or friends that the respondent should provide. It is important that FOs are consistent in the way in which they define these relationships, the examples they provide, and the way in which they probe with the respondent.

**Part 1: Close relatives**

1. Other than the members of your household, do you have other relatives that you feel close to? *Close relatives are individuals related to the respondent (kin) that the respondent shares an emotional relationship with.* (1=Yes, 2=No) |\_\_\_\_|

***If YES, continue. If NO, skip to part 2.***

2. Think of the relatives you feel close to. What are their full names?

Relative #1: \_\_\_\_\_  
Relative #2: \_\_\_\_\_  
Relative #3: \_\_\_\_\_  
Relative #4: \_\_\_\_\_  
Relative #5: \_\_\_\_\_  
Relative #6: \_\_\_\_\_  
Relative #7: \_\_\_\_\_  
Relative #8: \_\_\_\_\_  
Relative #9: \_\_\_\_\_  
Relative #10: \_\_\_\_\_

**Read:** Next, I would like to ask about your closest friends. Think about your close friends that you spend your free time with, you share both good and bad news with, and you go to when you have a problem.

3. Other than the members of your household, do you have any close friends? (1=Yes, 2=No) |\_\_\_\_|

***If YES, continue. If NO, skip to part 3.***

4. Think of your closest friends. What are their full names? **FO Note:** *There is no right or wrong number here, let respondents name as many as they think of.*

Close Friend #1: \_\_\_\_\_  
Close Friend #2: \_\_\_\_\_  
Close Friend #3: \_\_\_\_\_  
Close Friend #4: \_\_\_\_\_  
Close Friend #5: \_\_\_\_\_

Close Friend #6: \_\_\_\_\_  
Close Friend #7: \_\_\_\_\_  
Close Friend #8: \_\_\_\_\_  
Close Friend #9: \_\_\_\_\_  
Close Friend #10: \_\_\_\_\_

**Read:** Apart from your closest friends, do you have any other good friends? Think about friends that you interact with fairly frequently. These may be friends that you go to for help when your closest friends are not available.

5. Other than the members of your household, do you have any good friends? (1=Yes, 2=No) |\_\_\_\_\_|  
**If YES, continue. If NO, skip to Section 4.**

6. Think of your good friends. What are their full names? **FO Note:** *There is no right or wrong number here, let respondents name as many as they think of.*

Good Friend #1: \_\_\_\_\_  
Good Friend #2: \_\_\_\_\_  
Good Friend #3: \_\_\_\_\_  
Good Friend #4: \_\_\_\_\_  
Good Friend #5: \_\_\_\_\_  
Good Friend #6: \_\_\_\_\_  
Good Friend #7: \_\_\_\_\_  
Good Friend #8: \_\_\_\_\_  
Good Friend #9: \_\_\_\_\_  
Good Friend #10: \_\_\_\_\_

**For the following information, LOOP THROUGH all non-empty relatives, close friends and good friends..**

**Read:** I would like to ask about the household(s) your close relatives, close friends and good friends live in and match the household(s) to our study's village census.

		Relation #1	Relation #2	Relation #3	Relation #4	Relation #5
7. Gender of [name]?	1=Male, 2=Female	<input type="checkbox"/>				
8. Age of [name]?	Age bins	<input type="checkbox"/>				
9. How do you know [name]?	Use G4 Codes	<input type="checkbox"/>				
9a. How long have you known [name]?	in years	<input type="checkbox"/>				
10. Has [name] completed primary school? <b>If NO, go to question 9.</b>	(1=Yes, 2=No, -99=DK)	<input type="checkbox"/>				
11. Has [name] completed secondary school? <b>If NO, go to question 9.</b>	(1=Yes, 2=No, -99=DK)	<input type="checkbox"/>				
12. Has [name] completed college/university?	(1=Yes, 2=No, -99=DK)	<input type="checkbox"/>				
13. Does [name] own... a. a mobile phone? b. a television? c. a radio?  <b>Show all on one screen. Tick.</b>	(1=Yes, 2=No, -99=DK)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
14. How would you describe your relationship to this person now?	1= very close 2 = close 3 = good 4 = distant 5 = no relationship	<input type="checkbox"/>				
15. How would you describe your relationship to this person 5 years ago, in 2015?	1= very close 2 = close 3 = good 4 = distant	<input type="checkbox"/>				

	5 = no relationship					
16. How frequently do you interact with this person now (in person, on the phone, by text, etc.)	1 = daily 2 = weekly 3 = monthly 4 = few times a year 5 = less than yearly	<input type="text"/>				
17. Where does [name] live? <b><i>If this village, go to question 15. If other village in Siaya County, proceed to question 14b. If outside Siaya County, go to the next network.</i></b>	<b>Use network location choice list</b>	<input type="text"/>				
17a. Which village does this [name] live in?	<b>Use village codes</b>	<input type="text"/>				
18. What is the household ID of [name] from our village census?	-99=DK	<input type="text"/>				
18a. Please confirm the details of your selection. <b><i>If incorrect, please go back and search for the proper household.</i></b>	(1=Yes, 2=No, -99=DK)	<input type="text"/>				

**Part 4: Network Contacts**

***If no network contacts, provided, skip to question 21. Otherwise, continue.***

19. You have provided us with the following people. If we needed to get in touch with you and could not reach you, which of these people would be the best way to reach you? **Use list of network contacts.**

20. a. Is there a phone number where I can reach [selected contact name], even if he/she does not have his/her own phone? (1=Yes, 2=No, -99=DK)

**If YES:** 20b. Please provide me with this number:

**If YES:** 20c. Whose phone is this? **Write name.** \_\_\_\_\_

**If YES:** 20d. What is this person's relationship to [selected contact name #1]? **Use G4 codes.**  Other: \_\_\_\_\_

e. Can you give me another phone number to reach [selected contact name #1]? (1=Yes, 2=No, -99=DK)

**If YES:** 17f. Please provide me with this number:

**If YES:** 17g. Whose phone is this? **Write name.** \_\_\_\_\_

**If YES:** 17h. What is this person's relationship to [selected contact name #1]? **Use G4 codes.** |\_\_\_| Other: \_\_\_\_\_

**GO TO section 4.**

**Additional Contact**

**Read:** In case you are not at your current address, please tell us the name of a friend or a family member who is sure to know where you are, and how to contact you. These should be friends or family that would stay in their current residence if you moved away.

**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.**

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

22. Name of contact? |\_\_\_\_\_| / |\_\_\_\_\_| / |\_\_\_\_\_|  
(First name) (Second/Middle Name) (Last name)

23. What is the contact's relationship to you? **Use G4 codes.** |\_\_\_| Other: \_\_\_\_\_

24. Does this person live in this village, [S1\_Q2\_village]?  
**If YES, skip to question 26. If NO, continue.**

25. Where does this person live?

- a. Country? **Use G1 codes.** |\_\_\_| Other: \_\_\_\_\_
- b. County? **Use G2a codes. If -99=FR DK COUNTY, continue. OTHERWISE, skip to question 1e.** |\_\_\_|  
Other: \_\_\_\_\_
- c. 2010 District? **Use G2b codes. Refer to "2010 district" if FR does not know county (2010 district and county are equivalent). If -99 = FR DK 2010 district, but does know an earlier district name, write old district name.**  
|\_\_\_| Other: \_\_\_\_\_
- d. Town / city? **Use G3a codes. If FR resides in Siaya County and not in Siaya Township location, please select "Lives in a rural area" and continue. Otherwise, skip to question 1h.** |\_\_\_| Other: \_\_\_\_\_
- e. Sub-County? |\_\_\_| Other: \_\_\_\_\_
- f. Location? |\_\_\_| Other: \_\_\_\_\_

g. Sub-location?  Other: \_\_\_\_\_

h. Village / Neighborhood? **Write.** (-99=DK) \_\_\_\_\_

26. 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)

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27. a. 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 next section.**

b. Number:  0

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

c. Whose phone is this? **Write name.** \_\_\_\_\_

d. What is this person's relationship to the contact? **Use G4 codes.**  Other: \_\_\_\_\_

28. a. 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 next section.**

b. Number:  0

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

c. Whose phone is this? **Write name.** \_\_\_\_\_

d. What is this person's relationship to the contact? **Use G4 codes.**  Other: \_\_\_\_\_

#### **SECTION 4.1. 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.

**If ever surveyed and has a prefill roster, start here. If never surveyed, SKIP to question 11.**

**Read:** Your household has participated in our previous survey activities, so I would like to review some information we have from previous surveys. I will ask about all the individuals of your household that we have collected so far.

**Loop through all prefill individuals {**

1. Is [PREFILL NAME] currently a member of your household?  Yes / No  
**If YES, skip to next individual. If NO, continue.**
  
2. Why is [PREFILL NAME] no longer a member of this household?  
 Moved away **Continue to question 3.**  
 Deceased **SKIP to question 5.**  
 Never a member of this household / wrong information **Skip to next individual.**
  
3. Why did [PREFILL NAME] move away?  
 Use G5 codes.
  
4. Where did [PREFILL NAME] move to?  
  
**SKIP to question 6.**
  
5. What was the cause of death of [PREFILL NAME]?  
 Use D1 codes.
  
6. When did [PREFILL NAME] move away/pass away?
  
7. a. What is/was [PREFILL NAME]s' gender?  
b. What is/was [PREFILL NAME]'s highest level of education?  
**Loop through next prefill individual, if applicable.**

**}**

8. Here are the individuals we just discussed that are currently members of your household. [READ LIST OF THOSE STILL HERE]. Are there any other current members of your household that have not been mentioned?  Yes/No  
**If YES, continue. If NO, skip to question 15.**

8a. How many other individuals?

**Loop through [NUMBER OF OTHER CURRENT INDIVIDUALS] {**

9. Full name: \_\_\_\_\_  
10. When did [NAME] join this household?  
Month:   
Year:

}

**If ever surveyed and has a prefill roster, SKIP to question 25.**

**If never surveyed:**

11. Currently, how many people in total (including 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).**

**Read:** We will not collect the names of all current members of your household. Please start with yourself (FR) and then continue from eldest to youngest.

**Loop through [NUMBER OF CURRENT MEMBERS] times {**

12. Name of current member 1/2/3/etc.: \_\_\_\_\_

}

13. **(if never surveyed OR newly targeted as of Endline 2 AND established date before 2014)** Were there any other individuals not already mentioned that were part of this household at [BASELINE DATE]?  Yes/No  
**If YES, continue. If NO, skip to question 25.**

13a. How many other individuals?

**Read:** I will now ask some details about these previous individuals from [BASELINE DATE].

**Loop through [NUMBER OF OTHER BASELINE INDIVIDUALS] {**

14. Name: \_\_\_\_\_

15. Why is [NAME] no longer a member of this household?  
 Moved away **Continue.**  
 Deceased **SKIP to question 20.**

16. Why did [NAME] move away?  
 Use G5 codes.

17. Where did [NAME] move to?  
 Other village in Siaya County  
 Eldoret  
 Kisumu  
 Mombasa  
 Nairobi  
 Nakuru  
 Kampala  
 Other town/city  
 Other rural village (NOT in Siaya)

**SKIP to question 19.**

18. What was the cause of death of [NAME]?  
 Use D1 codes.

19. When did [NAME] move away/pass away?

20. a. What is/was [PREFILL NAME]'s gender?  
b. What is/was [PREFILL NAME]'s highest level of education?

}

**Read:** I will now ask further details about the individuals that are currently members of your household. That includes [LIST OF CURRENT MEMBERS OF HOUSEHOLD].

**For the following information, LOOP THROUGH those still a member of this household.**

	25. Did [NAME] sleep here last night? (1=Yes, 2=No)  <b>If NO, probe:</b> “Does this person usually stay here for 4 or more days a week, and eat from the same pot?” <b>If NO, go back and consider this person a migration.</b>	26. Relationship to respondent?  <b>Use G4 codes.</b>  <b>For example, if individual is FR’s father, select code for “father”.</b>  <b>If individual is FR, choose “self”</b>  <b>If “Self”, skip to question XX. Otherwise, continue.</b>	27. Gender?  (1=Male, 2=Female)	28. Age in years?  <b>Prompt FR to estimate if unsure.</b>  (-99=DK)  28a. Is this an estimated age? Remember, an estimated age means the respondent is unsure. (1=Yes, 2=No)	29a. Which school system did [NAME] participate in?  29b. Highest level of education completed?  <b>Use G6 codes.</b> (-99=DK)  <b>For those still in school, this is <u>not</u> current year. Prompt to estimate if unsure.</b>	30. Occupation(s)?  <b>Use G9 codes.</b> (-99=DK)  <b>Babies are likely code “60”. Kids in ECD are “50”.</b>	31. ( <b>if never surveyed and/or newly targeted at Endline 2</b> ) Was this person a member of this household at [BASELINE DATE]?  (1 = Yes, 2 = No, lived elsewhere, 3 = No, not born yet)  <b>If 1 or 3, skip to next individual. If 2, continue.</b>	32. Where was this person living at [BASELINE DATE]?	33. When did this person join this household?  Month/Year
A1		_____ _____	_____	_____	_____	_____ _____			_____ _____
A2		_____ _____	_____	_____	_____	_____ _____			_____ _____

A3		<u>    </u>			<u>    </u>				
A4		<u>    </u>			<u>    </u>				
A5		<u>    </u>			<u>    </u>				
A6		<u>    </u>			<u>    </u>				
A7		<u>    </u>			<u>    </u>				
A8		<u>    </u>			<u>    </u>				
A9		<u>    </u>			<u>    </u>				
A10		<u>    </u>			<u>    </u>				
A11		<u>    </u>			<u>    </u>				
A12		<u>    </u>			<u>    </u>				
A13		<u>    </u>			<u>    </u>				

**Section 4.2. Child Details**

**Read:** Now I would like to collect some more details about the children in your household.

**FO:** Fill in the following table for children 16 and under, as well as those that report occupation of being a student from the roster.

Questions	Codes	A: Child #1	B: Child #2	C: Child #3	D: Child #4	E: Child #5
1. Household roster number of child: <b>If [age] of [Name] &lt;= 4: SKIP to XX.</b>	-88=Not present on roster	__  [Name]	__	__	__	__
2. Is [name] currently enrolled in school? <b>Note: Include ECD programs, do not include day care programs. Include if child was enrolled before schools closed, unless officially withdrew enrollment. If NO, continue. If YES, skip to question 2. continue.</b>	(1=Yes, 2=No)	__	__	__	__	__
2a. Why is this child not enrolled in school? <b>Continue to question 12.</b>	Use child attendance codes					
2b. Do you plan to enroll this child in school in January 2021?	(1=Yes, 2=No)	__	__	__	__	__
3. What type of school is this child enrolled in <b>If child attending primary, continue. If secondary, skip to 5. Otherwise skip to question 6.</b>	0=ECD 1=Primary 2=Secondary 3=College 4=University 5=Vocational 6=Other	__  Other:_____				
4. What primary school is this child enrolled in?	<b>E1 codes</b>	__  __  __  Other:_____				
5. What secondary school is this child enrolled in?		_____	_____	_____	_____	_____
6. What class/standard/form/year is this child enrolled in?	<b>G6_ext codes</b>	__  Other:_____				

7. Of the last five days school was IN SESSION, how many days did this person attend?	(-99=DK)					
7a. In the past five days, how many days did this child attend school?						
8. In the last 12 months, was this child ever sent home because of non-payment of school fees?	(1=Yes, 2=No)	<input type="checkbox"/>				
8a. In the last 12 months, how many days in total of school did this child miss after being sent home for not paying school fees?		<input type="checkbox"/>				
9. Overall, would you say <b>[child]'s</b> health is very good, good, fair, poor, or very poor?	(5=Very good; 4=good; 3=fair; 2=poor; 1=very poor;-99=DK)	<input type="checkbox"/>				
<b>Continue if child is 12 or under.</b>						
10. During the past seven days, has <b>[child]</b> experienced any of the following: a. Fever / malaria? b. Vomiting? c. Cough? d. Diarrhea? e. Any other infection? <b>Specify:</b>	(1=Yes, 2=No,-99=DK)					
11. Last night, did <b>[child]</b> sleep under a bed net?						
12. Have any drugs for worm infections or schistosomiasis been given to <b>[child]</b> in the last 12 months?						
<b>Continue if child is 8 or under:</b>						

13. In the past 7 days, did you or any other person over the age of 15 in the child's household: <b>If yes, ask who performed this activity with child.</b> <b>SELECT ALL THAT APPLY.</b>	1=mother; 2=father, 3=sibling, 4=other adult relative, 5=other adult non-relative					
13a. If [age] of [Name] >= 2: Read books to or look at books with [child]?	1=Yes, 2=No,-99=DK	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>			
13b. If [age] of [Name] >= 2: Tell stories to [child]?	1=Yes, 2=No,-99=DK	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>
13c. Sing songs or play musical instrument with [child]?	1=Yes, 2=No,-99=DK	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>
13d. Play with [child]?	1=Yes, 2=No,-99=DK	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>	<input type="checkbox"/> Relation: <input type="checkbox"/> / <input type="checkbox"/>
14. Is [child] currently enrolled in a daycare? <b>If YES, continue. If NO, go to question 20.</b>	1=Yes, 2=No,-99=DK					

15. In the past 12 months, how much did your household pay in total for...
- a. school/activity fees  KSh
  - b. school-related supplies  KSh
  - c. contributions (for school projects or for school funds)  KSh

**Section 5: FR Background Details**

**FO:** The following questions in Section 5 are asking about the FR specifically, not other household members, unless noted otherwise.

**Determine the relevant date from which we need FR information:**

- a) FR was surveyed at EL1: FR\_history\_date = EL1\_date
- b) HH was targeted at EL1, but FR was not surveyed (replacement FR, or missed at EL1): FR\_history\_date = BL\_date
- c) New/split/ghost HH:
  - i) Established\_date < EL1\_DATE: FR\_history\_date = BL\_date
  - ii) Established\_date > EL1\_DATE: FR\_history\_date = BL\_date

**Section 5.1. FR Education**

1. Since [FR\_history\_date], have you undertaken any new form of education or training? (1=Yes, 2=No)    
**If YES, continue. If NO, skip to Section 5.2.**
  
2. What type of education / training? *Select all that apply.*
  - College
  - University
  - Vocational training school
  - Bible/Religious school
  - Other education

***Please fill in the following table for each type of education / training selected.***

	3. How many courses of study/disciplines did/do you study?	4. In what course(s)/discipline(s) was this training?  <b>Use E7 codes. If other, describe in FO comments.</b>	5. In what year did you start these courses?  <b>If more than one, course, take earliest.</b>	6. For how long did you attend this education/training at [A/B/C/D] since [date of last survey]?  <b>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).</b>  Units: 1=Day, 2=Week, 3=Month, 4=Year  <b>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).</b>	7. Did you obtain a diploma, degree, or certificate from this training?  <b>Consider entire course, even if it lasted more than 1 yr.</b>  1=Yes, 2=No 3=Currently enrolled <b>If NO, skip to next discipline or year. If YES, continue.</b>  <b>Note: Count a driver's license as certificate.</b>	8. What type of diploma, degree or certificate was it?  <b>Probe for examination body if it is not institutional</b>  <b>Use E6 codes.</b>
(A) College		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>		Num: <input type="text"/> Unit: <input type="text"/>	<input type="text"/>	<input type="text"/>
(B) Bible school		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>		Num: <input type="text"/> Unit: <input type="text"/>	<input type="text"/>	<input type="text"/>
(C) Voc-Ed		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>		Num: <input type="text"/> Unit: <input type="text"/>	<input type="text"/>	<input type="text"/>
(D) University		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>		Num: <input type="text"/> Unit: <input type="text"/>	<input type="text"/>	<input type="text"/>
(E) Other Education		i. <input type="text"/> ii. <input type="text"/> iii. <input type="text"/>		Num: <input type="text"/> Unit: <input type="text"/>	<input type="text"/>	<input type="text"/>

**Section 5.2. FR Migration History**

1. Since [FR\_history\_date], have you lived in any other village (or town/city) than where you live now for more than four months? *Note: here we are interested in the FR personally, not other members of the household* (1=Yes, 2=No)    
**If YES, continue. If NO, skip to question 7.**

**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. NOTE: If the FR moved within a city / town / village (e.g. moved within different places in Nairobi), we do not need to capture this.**

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

at this place?							
4. Why did you move to this place?	<b>Use G5 codes</b> <b>List up to 3 reasons.</b>		<input type="checkbox"/>   <input type="checkbox"/> <input type="checkbox"/>   _____				
5. When you moved, whom did you live with in this place?	<b>Use G4 codes</b>	<b>List up to 3 persons.</b>	<input type="checkbox"/>   <input type="checkbox"/> <input type="checkbox"/>   _____				
6. After living here, did you live in any other village or town/city for at least four months?	(1=Yes, 2=No)	<b>If YES, continue to next column. If NO, go to next section.</b>	<input type="checkbox"/>				

**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.**

**Section 5.3. Marital History**

**Do not read:** Record the FR's marital status from Section 2 below.

0. FR 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)

**Read:** Now I would like to ask you some questions about any marriages you might have had. I would like to remind you that all answers you give will be kept as confidential as possible and that the information will be used for research purposes only. Also, I understand it may be difficult or upsetting to talk about, but please remember to include marriages that may now be over.

**FO: If the respondent is currently single/not married, continue. Otherwise, if the respondent is married/divorced/separated/widowed, skip to question 2.**

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

**If YES, continue. If respondent has never been married, skip to next section.**

2. Since [FR\_history\_date], did you get newly married? (-99=DK)

2a. **(if yes)** How many new marriages since [FR\_history\_date]?

2b. **(if yes)** In which years did you get newly married since [FR\_history\_date]? *Select all that apply.* |

3. Since [FR\_history\_date], have you ever been divorced, widowed or separated? *Select all that apply.*

Yes, widowed

Yes, separated

Yes, divorced

No

3a. **(if widowed or divorced)** In what year did your last marriage end?  Year

If currently married, continue, otherwise, skip to section 5.4. **The following questions refer to the FR's current spouse.**

4. Does your spouse reside in this household? (1=Yes, 2=No)

**If NO, continue. Otherwise skip to question 8.**

5. a. Is your spouse any of the following: **Use network choice codes. List all network members collected so far. If No, continue, if Yes, skip to question 6.**

b. Does your spouse live within this village? **If yes, SKIP to question 4e. If no, continue**

c. Where does your spouse live?

d. Which village is this household located in?

e. What is the household ID of [receiver name] from our village census?

6. What is your spouse's age in years?

7. What is the highest level of education completed by your spouse? **Use G6 codes.** (-99=DK)

8. What is your spouse's occupation? **Use G9 codes.** (-99=DK)

9. **(if currently married/cohabiting):** Does your spouse own:

a. A mobile phone?  Yes / No

b. A television?  Yes / No

c. A radio?  Yes / No

10. What is / was your spouse's subtribe? **Use subtribe codes.**

11. What is / was your spouse's clan? **Use clan codes.**  \_\_\_\_\_

**Section 5.4 Recent Fertility**

1. Think of all the females currently living in this household. In 2020, have any of these female household members been pregnant?  
 Yes / No

1a. (if yes) Who?

HH female 1

HH female 2

.....

2. Think of all the females currently living in this household. In 2019, were any of these female household members pregnant?  Yes / No

2a. (if yes) Who?

HH female 1

HH female 2

.....

**If FR is male, OR FR is female and aged 50 or under, continue. Otherwise skip to the next section.**

3. **For male FRs:** Since January **2014**, how many times has a sexual partner of yours been pregnant with your child (including pregnancies that ended in live birth or non-live birth)? (-99=DK)

**For female FRs:** Since January **2014**, how many times have you been pregnant (including pregnancies that ended in live birth or non-live birth)? (-99=DK)

**If FR claims to DK, try to prompt them for how many pregnancies they do know about. If they insist that they do not know, skip to the next section.**

**Read:** Let's discuss these recent pregnancies, starting with the first one since January **2014**.

<b>Note: Enter twins as two separate pregnancies.</b>	(A)	(B)	(C)	(D)
---	-----	-----	-----	-----

5. What was/is your relationship to the father / mother during the time of the pregnancy? (1= Legally married, 2= Living together but not legally married, 3= Engaged to be married, 4= Regular boyfriend or girlfriend, 5= Casual sexual partner, 6= Other (specify),-99=DK)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. <b>If male respondent:</b> Did/does the mother of the baby seek antenatal care during the pregnancy? (1=Yes, 2=No,-99=DK)  <b>If female respondent:</b> Did/do you seek antenatal care during the pregnancy? (1=Yes, 2=No,-99=DK)  <b>If YES, continue. OTHERWISE, skip to question 8.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. Where was/is antenatal care sought? (1= Govt hospital / health center / dispensary, 2= Mission hospital / health center / dispensary, 3= Private hospital / clinic, 4= Traditional birth attendant, 5= Other (specify) 99= DK) <b>If care sought at multiple locations, list the most frequent location.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8. Is this a current pregnancy? (1=Yes, 2=No,-99=DK) <b>If YES or DK, skip to next pregnancy/next section. OTHERWISE, continue.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. How did the pregnancy end? (1=Live birth, 2=Non-live birth -99=DK) <b>If “1”, skip to q.11 If “2”, continue. If “-99”, skip to next pregnancy/next section.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10. In what month and year did the pregnancy end? (-99=DK) <b>Try to get at least year. Then, skip to next pregnancy/next section.</b>	<input type="text"/> MM/YYYY	<input type="text"/> MM/YYYY	<input type="text"/> MM/YYYY	<input type="text"/> MM/YYYY
11. Was the baby born in a hospital or clinic (as opposed to at a home)? (1=Yes, 2=No,-99=DK)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12. Was the baby a boy or girl? (1=Boy, 2=Girl,-99=DK)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13a. Was the child born pre-term? (1=Yes, 2=No,-99=DK) <b>If YES, continue. If NO, skip to question 14.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13b. What month of the pregnancy was the child born?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
14. Is this child still living? (1=Yes, 2=No,-99=DK) <b>If NO, continue. If YES, skip to question 16.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

15. How old in years and months was <b>[name]</b> when he / she died? (-99=DK) <b>If less than one year, enter "0" in year blank and continue to months. If less than one month, enter "0" in month blank. Then, go to next pregnancy/next section.</b>	____ ____ YY/MM	____ ____ YY/MM	____ ____ YY/MM	____ ____ YY/MM
16a. Is the child from this pregnancy one of the following household members? <b>If YES, skip to question 19 . If NO, continue.</b>				
16b. What is this child's name?				
17. Does the child live with one of the following? <b>Use network options. If none, continue. Else, skip to question 18.</b>	____  _____	____  _____	____  _____	____  _____
17a. With whom does <b>[name]</b> live? <b>Use g4 codes. Record person's relationship to FR.</b>				
18. How old is this child now? <b>Record age in years. Use 0 if &lt;1 year. Compare year of birth to child age, and probe if they do not make sense together.</b>	____  years	____  years	____  years	____  years
19. Is the primary caregiver for this child during the week one of the following household members? <b>List HH members. If none, continue to question 19a. Otherwise, skip to question 20.</b>	____ ____	____ ____	____ ____	____ ____
19a. Who is the primary caregiver for this child during the week? <b>List up to 2 individuals. Use G4 codes. Code based on relationship with FR, not with child.</b>	____ ____ Other: _____	____ ____ Other: _____	____ ____ Other: _____	____ ____ Other: _____
20. I would like to see the child's health card in order to record his/her birthdate and weight at birth. Would it be possible to see this card right now? (1=Yes, 2=No) <b>Record NO if card is not available or does not exist.</b>	____	____	____	____
20a. <b>Record child's birth month and year from health card. If not available or does not contain birthdate, ask "In what month and year was the baby born?" Try to get at least year. (-99=DK)</b>	____ ____ MM/YYYY	____ ____ MM/YYYY	____ ____ MM/YYYY	____ ____ ____  MM/YYYY
20b. <b>Was birthdate information obtained from health card?</b> (1=Yes, 2=No)	____	____	____	____
20c. <b>Record the birthweight of the child, according to the health card. If not available, ask "What was [name]'s weight at birth?"</b> (Code 9.9 =	____ .____ kg	____ .____ kg	____ .____ kg	____ .____ kg

Weight not measured at birth, 99.0 = Weight measured but FR doesn't know / cannot discern it from health card)				
20d. <b>Was birthweight obtained from health card?</b> (1=Yes, 2=No)				

**SECTION 6. Home Characteristics and Assets**

**Section 6.1. Home Characteristics**

**FO: Refer to the main house of the household, 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).**

**If you are conducting this interview at the respondent's home, do not ask the following question on housing materials. Simply observe and record your observations in the following questions. If you are conducting this interview elsewhere, please ask the respondent the following questions and prompt with the below.**

**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.

0a. Of what material are the floors made?

(1=Cement, 2=Mud, 3=Part mud, part cement, 4=Tiles, 5= Other(specify) |\_\_\_| Other:\_\_\_\_\_

0b. Of what material is the roof made? |\_\_\_|

1=Iron / tin,

5=Cement / concrete

2=Grass thatch (no reeds)

6=Palm leaves

3=Grass with reeds

7=Other, describe: \_\_\_\_\_

4=Mud, branches

10=Tiles

11=Unfinished / incomplete roof

0c. Of what material are the walls made? (1=Iron, 2=Mud, 3=Cement, 4=Cement/mud mixed, 5=Brick, 6= Other) |\_\_\_| Other:\_\_\_\_\_

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 intermittent (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= National electricity service (i.e., Kenya – KPLC) |\_\_\_|

6=Other wired connection

2= Generator |\_\_\_|

3= Car battery |\_\_\_|

4= Solar home system |\_\_\_|

5= Other (specify) |\_\_\_| Other: \_\_\_\_\_

**If 1 or 6, continue. Otherwise skip to question 2.**

1b. Does your household own your wired electricity connection? *Note: for instance, if the household is renting and the landlord paid for the connection, the household would not own its connection.* (1=Yes, 2=No,-99=DK)

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: \_\_\_\_\_

3. a. How many SEPARATE buildings / structures are in your homestead?

- Residential house
- Servants quarters
- Boys house (Simba)
- Kitchen
- Animal shed / barn
- Granary / storage shed
- Other: \_\_\_\_\_

b. How many separate rooms do you have in your...? ***Include those separated by sheets. Do not include store rooms or toilet rooms.***

- Residential house(s)
- Servants quarters
- Boys house(s) (Simba)

c. When was the roof of the main residence last installed / replaced? *Tick appropriate box.*

2021  2020  2019  2018  2017  2016  2015  2014  2013  2012  2011  2010 or earlier  
 DK

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/pond, 7=River/stream, 8=Borehole well (high quality water), 9=Borehole well (low quality water), -77=Other)   
Other: \_

***If "pipe", continue. Otherwise, skip to question 5.***

4a. Does your household own your piped water connection? (1=Yes, 2=No,-99=DK)

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 6. 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)? Include any land that is owned and used for agricultural, pastoral or fish pond activities, including agricultural/commercial business activities. **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, pastoral or fish pond purposes (in acres)? (-99=DK) **1 Hectare ≈ 2.5 Acres** |\_\_\_\_\_| Acres

6c. Now think of all of the land that you own that could be used for agriculture, even if it is not currently being used for agriculture. For this land that you own, if you were to rent it out, what would you charge each month to rent all of it out? **If not sure, ask for best estimate.**

Amount (-99=DK): |\_\_\_\_\_|

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 months 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. Unit (1=Year, 2=Season, 3=Month) |\_\_|

iii. ***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, or used land you do not own? ***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)?

(-99=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? ***For familial land that the FR's household does not own, enter 12.*** |\_\_| months

8d. For how much did you rent this land? ***If paid in kind, ask FR to estimate value of payment in shillings. For familial land, if the FR did not pay any rent, enter 0 for the amount, and year for the unit.*** Amount (-99=DK): |\_\_\_\_\_|

i. Unit (1=Year, 2=Season, 3=Month) |\_\_|

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

**Read:** Now we would like to talk about household chores. 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.

9. In the last seven days, how many hours have you (the FR) spent doing household chores for your household?

10. In total, how many people have performed household chores for your household over the last seven days? ***Include both household members (adults and children) and non-household members, and the FR, if applicable.*** |\_\_|

***If the responses to questions 9 and 10 are BOTH ZERO, skip to Section 6.2. Otherwise, continue.***

11. In the last seven days, how many hours did members of your household – not including you – spend doing household chores for your household? *Enter 0 if no hours spent doing chores.*

Adults

Older children 12 - 18

Younger children 0 - 11

12. 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, excluding childcare?  hours

***If ZERO, skip to Section 6.2. Otherwise, continue.***

13. In the last seven days, how much has your household 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):

14. ***Do not ask:*** If the monetary values in this section were reported in a currency other than Kenyan shillings, please record the currency here. ***(use G12 codes)***:  Other: \_\_\_\_\_

### **Section 6.2. Home Environment for Children**

**Proceed if there is a child aged 12 or under living in the household, according to the household roster. Otherwise, skip to Section 6.3**

**Read:** Now I would like to ask you some questions about materials in your home for children.

1a. Is there a music player or radio that children can listen to at home?

(1=Yes, 2=No,-99=DK)

1b. About how many books does this household own in total that are here in the home (including the Bible or other religious book, dictionary, textbooks, children's books and picture books)? (-99=DK)

1c. (if 1b > 0) About how many of these books are for children, including storybooks, picture books or children's textbooks? (-99=DK)

1d. (if 1c > 0) What language(s) are these children's books in? **Please select all that apply**

(1=English, 2=Kiswahili, 3=Luo, 4=Luhya, 5=Other (specify), -99=DK)  Specify: \_\_\_\_\_

**Number of children's books and number of textbooks should not exceed total number of books (question 1b).**

1e. Do children have paper and pencil, pen or art supplies (such as crayons or paints) to write or draw with at home?

(1=Yes, 2=No,-99=DK)

1f. Do children play any games of strategy such as ludo game, draught (checkers), chess, or strategy video/phone games?

(1=Yes, 2=No,-99=DK)

### **Section 6.3. Assets**

**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 an independent Organization and information won't have any effect on other programs.

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

**FO instruction: For this section, if the FR has migrated to a new household, we want to capture the assets of the FR's current household. This includes all the assets of the current household and any assets the FR owns. Do not count assets from the previous household that the FR does not own. If the FR is unsure about the assets of the current household, he/she may consult with other household members. Please leave a comment if the FR consults with other household members. For the Total Value, ask FRs to estimate what the assets would be worth if they sold them today.**

**For AGRICULTURAL assets and LIVESTOCK, please include assets used for the household AND assets used for any agricultural business activity (e.g. poultry farming, crops for sale, etc.).**

**If an asset is connected to a loan / the household is still paying off this asset, still include it.**

ITEM	QTY OWN (-99=DK)	Total Value (KSH)	ITEM	QTY OWN (-99=DK)	Total Value (KSH)
(A) Bicycle	__	__	(R) Computer/tablet	__	__
(B) Motorcycle / scooter	__	__	(S1) Mobile phone (not smart)	__	__
(C) Car / truck	__	__	(S2) Smart phone	__	__
(D) Kerosene stove	__	__	(T) Car battery <b>Note: Do not include batteries that are in a car.</b>	__	__
(E) Radio / cassette player / CD player	__	__	(U) Boats (motorized or other)	__	__
(F) Sewing machine	__	__	(V) Iron/Metal/Steel sheets <b>Note: do not include those being used as roofs/other construction</b>	__	__
(G) Kerosene lantern	__	__	(W) Farming tools (hoes, pangas, etc)	__	__
(H) Bed	__	__	(X) Hand carts	__	__
(I) Mattress	__	__	(Y) Wheelbarrows	__	__
(J) Bednet	__	__	(Z) Ox plow	__	__
(K) Tables	__	__	(AA) Cattle	__	__
(L) Sofa pieces (all kinds)	__	__	(BB) Goat	__	__
(M) Chairs	__	__	(CC) Sheep	__	__
(N) Cupboards/Dressers	__	__	(DD) Chicken	__	__
(O) Clock or watch	__	__	(EE) Other birds (ducks, geese, turkeys)	__	__

(P)	Electric iron	_	_	(FF) Pig	_	_
(Q)	Television	_	_	(GG) Fish		_
				(HH) Generator	_	_
				(II) Solar panel	_	_
				(JJ) Solar lantern		

### **Section 6.4. Savings and Credit**

**Read:** The following questions are about your financial situation, which we want to know for research purposes about living standards in the area. Remember, we will not share this information with anyone. If there are any questions that you do not feel comfortable answering, you may skip those questions.

1. Do you or someone in your household have an M-Pesa or mobile money account? (1=Yes, 2=No) |\_|

**If YES, continue. If NO, skip to question 2.**

1a. When did you or someone in your household first obtain an M-Pesa or mobile money account? *Note: M-Pesa began in 2007.*

(YYYY) |\_|\_|\_|\_|\_| **DK=--9999**

1b. What is your household's current balance on all mobile money accounts combined, approximately? *Remember, we will not share this information with anyone. You may give a rounded / approximate answer if you prefer.*

|\_| KES

2. Do you or someone in your household have any type of account in a bank? (1=Yes, 2=No) |\_|

**If YES, continue. If NO, skip to question 3.**

2a. Do you or someone in your household have a savings account in a bank? (1=Yes, 2=No) |\_|

2b. What is your household's current balance on all bank accounts combined (savings + checking, net overdraft), approximately? *Remember, we will not share this information with anyone. You may give a rounded / approximate answer if you prefer.*

|\_| KES

3. Do you or someone in your household participate in a SACCO? (1=Yes, 2=No) |\_|

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

3a. What was your household's SACCO contribution in the last 30 days?

|\_\_| KES

4. Do you or your household participate in a merry-go-round or ROSCA? (1=Yes, 2=No) |\_\_|  
**If YES, continue. If NO, skip to question 5.**

4a. In the past 12 months, has your household taken any loans from a merry-go-round or ROSCA? (1=Yes, 2=No) |\_\_|  
**If YES, continue. If NO, skip to question 4g.**

4b. What is the total amount of loans your household took from a merry-go-round or ROSCA in the past 12 months?  
|\_\_| KES

4c. What was the purpose of those loans? **Use T1 codes. Select up to 3.** |\_\_| |\_\_| |\_\_| Other(specify): \_\_\_\_\_

4d. How much interest was charged on the most recent loan your household 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: |\_\_|

4e. By when is/was your household supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**  
|\_\_|\_|\_\_|/|\_\_|\_|\_\_|\_|\_\_|\_|\_\_|

4f. Is your household currently in default on this loan? (1=Yes, 2=No) |\_\_|

4g. In the past 12 months, did you or someone in your household ask for a loan from a merry-go-round or ROSCA but not get it?  
1=Yes, 2=No) |\_\_|

5. Has your household used any mobile installment payment services, such as M-Kopa, in the last 12 months? (1=Yes, 2=No) |\_\_|  
**If YES, continue. If NO, skip to question 6.**

5a. What is the total amount (value) of the products that your household has purchased on installment? |\_\_\_\_\_| KSh

5b. What is the total amount your household currently owes all such mobile installments combined? |\_\_\_\_\_| KSh

5c. What is the total amount your household has made in payments to these mobile installments in the last 30 days? |\_\_\_\_\_| Ksh

6. Do you or someone in your household currently have any outstanding loans from a commercial bank or commercial lender? (1=Yes, 2=No) |\_\_|  
**If YES, continue. If NO, skip to question 7.**

6a. What is the total amount your household currently owes all these commercial lenders combined? \_\_\_\_\_ KSh

6b. What is the total amount your household made in loan payments to these commercial lenders in the last 30 days? \_\_\_\_\_ Ksh

7. In the past 12 months, has your household taken any new loans from a commercial bank or commercial lender? (1=Yes, 2=No) \_\_\_\_\_

**If YES, continue to question 7b. If NO, skip to question 7g.**

7b. What is the total amount of loans your household took from commercial banks or commercial lenders in the past 12 months?  
Amount: \_\_\_\_\_

7c. What was the purpose of those loans? **Use T1 codes. List all that apply.**  
\_\_\_\_\_|\_\_\_\_\_|\_\_\_\_\_| Other: \_\_\_\_\_

7d. How much interest was charged on the most recent loan your household 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: \_\_\_\_\_

7e. By when is/was your household supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**  
\_\_\_\_|\_\_\_\_|/\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

7f. Is your household currently in default on this loan? (1=Yes, 2=No) \_\_\_\_\_

7g. In the past 12 months, did you or someone in your household apply for a loan from a commercial bank or commercial lender but not get it? (1=Yes, 2=No) \_\_\_\_\_

8. Do you or someone in your household currently have any outstanding loans from a shylock (moneylender)? (1=Yes, 2=No) \_\_\_\_\_  
**If YES, continue to Question 8a. If NO, skip to question 9.**

8a. What is the total amount your household owes all these shylocks (moneylenders) combined? \_\_\_\_\_ KSh

8b. What is the total amount your household made in loan payments to these shylocks (moneylenders) in the last 30 days? \_\_\_\_\_ Ksh

9. In the past 12 months, have you or someone in your household taken any new loans (i.e. borrowed money) from a shylock (moneylender)? (1=Yes, 2=No) \_\_\_\_\_

**If YES, continue to question 9b. If NO, skip to question 9g.**

9b. What is the total amount of loans your household took from shylocks (moneylenders) in the past 12 months? Amount:   
Currency if NOT Ksh (use G12 codes)  Other: \_\_\_\_\_

9c. What was the purpose of those loans? **Use T1 codes. List all that apply.**  
   Other: \_\_\_\_\_

9d. How much interest was charged on the most recent loan your household 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:

9e. By when is/was your household supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**  
  /

9f. Is your household currently in default of this loan?

9g. Did you ask for a loan from a shylock (moneylender) in the past 12 months but not get it? (1=Yes, 2=No)

10. Do you or someone in your household currently have any outstanding loans from a mobile credit product (like M-Shwari or others)?  
(1=Yes, 2=No)   
**If YES, continue. If NO, skip to question 11.**

10a. What is the total amount your household currently owes all these mobile credit products (like M-Shwari or others)?  KSh

10b. What is the total amount your household has made in loan payments to these mobile credit products in the last 30 days?  KSh

11. In the past 12 months, have you or someone in your household taken new any loans (i.e. borrowed money) from a mobile credit product (like M-Shwari or others)? (1=Yes, 2=No)   
**If YES, continue to question 11b. If NO, skip to question 11g.**

11b. What is the total amount of loans your household took from mobile credit products (like M-Shwari) in the past 12 months?  
Amount:

11c. What was the purpose of those loans? **Use T1 codes. List all that apply.**  
   Other: \_\_\_\_\_

11d. How much interest was charged on the most recent loan your household took from a mobile credit product (like 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:

11e. By when is/was your household supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**

/ /

11f. Is your household currently in default on this loan? (1=Yes, 2=No)

11g. Did you ask for a (another) loan from a mobile credit product in the past 12 months but not get it? (1=Yes, 2=No)

12. In the past 12 months, has your household ever borrowed money from someone else outside your household? *By borrowing, we 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 12a. If NO, skip to question 12m.**

**Read:** I would like to ask about the different instances you've borrowed money from someone outside your household in the past 12 months. Please tell me about each separate household you have borrowed from.

12a. From how many different households have you borrowed money from in the past 12 months?

**Read:** Now I would like to talk about each of these. *Note: If more than 5, please choose the 5 households from which you have borrowed the largest amount in the past 12 months.*

		Borrowing Relationship #1	Borrowing Relationship #2	Borrowing Relationship #3	Borrowing Relationship #4	Borrowing Relationship #5
12b. Whose household did you borrow from? <b>If not one of the network choices already captured, continue. Otherwise go to question 8d.</b>	<b>Use list of network choices</b>	_____	_____	_____	_____	_____
12ci. What is the first name of the person you borrowed from? <i>Note: If unable to give a first name,</i>		_____	_____	_____	_____	_____

respondent may provide a common name / nickname.						
12cii. Does [lender name] live in this village? <b>If yes, SKIP to question 8cv. If no, continue.</b>	(1=Yes, 2=No)	<input type="checkbox"/>				
12ciii. Where does [lender name] live? <b>If Siaya County, proceed to question 8civ. If not, go to question 8d.</b>	Use network location choice list	<input type="checkbox"/>				
12civ. Which village does this [lender name] live in?						
12cv. What is the household ID of [lender name] from our village census?	-99=DK					
<p>12di. How do you know [lender name]? <b>Use G4 codes.</b></p> <p>12dii. What is [lender name]'s gender?</p> <p>12diii. How old is [lender name]? <b>If don't know, please estimate.</b> (-99=DK)</p> <p>12div. Has [lender name] completed primary school? <b>If NO, go to question 3vii</b></p> <p>12dv. Has [lender name] completed secondary school?? <b>If NO, go to question 3vii</b></p> <p>12dvi. Has [lender name] completed college/university?</p> <p>12dvii. <b>(Show on same screen)</b> Does [lender name] own:  <input type="checkbox"/> a mobile phone?</p>						

<input type="checkbox"/> a television? <input type="checkbox"/> a radio?						
12e. What is the total amount your household borrowed from [borrowing name] over the last 12 months?		_____	_____	_____	_____	_____
12f. How much does your household currently owe [borrowing name]?		_____	_____	_____	_____	_____
12g. What is the total amount your household paid in loan payments to [borrowing name] in the last 30 days?		_____	_____	_____	_____	_____
12h. What was the purpose of that borrowing? <b>List all that apply.</b>	<b>Use T1 codes.</b>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other: _____				

**If borrowed from more than 5 households, continue. Otherwise, go to question 12m.**

**Read:** The questions below refer to those households this household has borrowed from that we have not yet discussed.

12i. What is the total amount you borrowed from those households in the past 12 months?

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

12j. How much does your household currently owe those households? \_\_\_\_\_ KSh

12k. What is the total amount your household has paid in loan payments to those households in the last 30 days?

12l. What was the purpose of that borrowing? **Use T1 codes. List all that apply.** \_\_\_\_\_ Other: \_\_\_\_\_

**Read:** Now I'd like to ask you about the most recent loan you took from someone outside your household.

12m. 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: \_\_\_\_\_

12n. By when are/were you supposed to pay back the loan? (MM/YYYY) **If no specific date is given, fill in "01/1900".**

\_\_\_\_/\_\_\_\_

12o. 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) \_\_\_\_

13. 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 13a. If NO, skip to question 13j.**

**Read:** I would like to ask about the different instances you've lent money to someone outside your household in the past 12 months. Please tell me about each separate household you have lent to.

13a. To how many different households have you lent to in the past 12 months? \_\_\_\_

**Read:** Now I would like to talk about each of these. *Note: If more than 5, please choose the 5 households which you have lent to the most in the past 12 months.*

		Lending Relationship #1	Lending Relationship #2	Lending Relationship #3	Lending Relationship #4	Lending Relationship #5
13b. Whose household did you lend to? <b>If not one of the network choices already captured, continue. Otherwise go to question 13e.</b>	<b>Use list of network choices</b>	_____	_____	_____	_____	_____
13ci. What is the first name of the person you lent to? <i>Note: If unable to give a first name, respondent may provide a common name / nickname.</i>		_____	_____	_____	_____	_____
13cii. Does [lendeo name] live in this village? <b>If yes, SKIP to question 13cv. If no, continue.</b>	(1=Yes, 2=No)	____	____	____	____	____
13ciii. Where does [lendeo name] live? <b>If Siaya County, proceed to</b>	<b>Use network</b>	____	____	____	____	____

<b>question 13civ. If not, go to question 13d.</b>	<b>location choice list</b>					
13civ. Which village does this [lende name] live in?						
13cv. What is the household ID of [lende name] from our village census?	-99=DK					
13di. How do you know [lende name]? <b>Use G4 codes.</b> 13dii. What is [lende name]'s gender? 13diii. How old is [lende name]? <b>If don't know, please estimate.</b> (-99=DK) 13div. Has [lende name] completed primary school? <b>If NO, go to question 9vii</b> 13dv. Has [lende name] completed secondary school?? <b>If NO, go to question 9vii</b> 13dvi. Has [lende name] completed college/university? 13dvii. <b>(Show on same screen)</b> Does [lender name] own: <input type="checkbox"/> a mobile phone? <input type="checkbox"/> a television? <input type="checkbox"/> a radio?						
13e. What is the total amount you lent to [lende name] over the past 12 months?		<input type="text"/>				

13f. How much does [lendee name] currently owe your household?		_ _	_ _	_ _	_ _	_ _
--	--	-----	-----	-----	-----	-----

**If more than 5 households that FR has lent to, continue. Otherwise go to question 13i.**

**Read:** The questions below refer to those other households this household has lent money to that we have not yet discussed.

13g. What is the total amount your household lent to those households over the past 12 months?

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

13h. How much do those households currently owe your household? |\_|\_|\_|\_| KSh

**Read:** Now I'd like to ask you about the most recent loan you gave to someone outside of your household.

13i. 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: |\_|\_|

13j. By when is / was this person supposed to pay back the loan? (MM/YYYY) **If no specific date given, fill in "77/7777".**

|\_|\_|\_|/|\_|\_|\_|\_|\_|\_|\_|

13k. Did someone ask your household for a loan in the last 12 months but your household did not give it? |\_|\_|\_| Yes / No

**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. Have members of your household performed any agricultural or pastoralist activities for yourselves in the last 12 months? (1=Yes, 2=No)  
 The following activities are considered agricultural/ pastoral: Agriculture; Livestock farming; Poultry; Fish pond; Other. Probe FR to ensue all agricultural activities are captured.

**IF YES, proceed to question 1a. IF NO, skip to Section 8.**

1a. Which of the following agricultural or pastoralist activities has your household performed in the last 12 months? *Select all that apply.*

Agriculture       Livestock       Poultry       Fish Pond       Other

**Read:** I will now ask about each of the [# of AG ACTIVITIES] different agricultural/pastoralist activities performed by your household.

**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
<p>2. Who in this household is the main decision maker for this activity?</p> <p><i>FO. If the main decision maker is present in the household at the time of the interview, please try to get the following information from this person. Otherwise, continue with the FR.</i></p> <p>a. (Don't read, just tick) Who is providing information on this activity?</p>		<input type="checkbox"/> (select from roster)  <input type="checkbox"/> main decision maker  <input type="checkbox"/> FR is not the main decision maker	<input type="checkbox"/> (select from roster)  <input type="checkbox"/> main decision maker  <input type="checkbox"/> FR is not the main decision maker	<input type="checkbox"/> (select from roster)  <input type="checkbox"/> main decision maker  <input type="checkbox"/> FR is not the main decision maker	<input type="checkbox"/> (select from roster)  <input type="checkbox"/> main decision maker  <input type="checkbox"/> FR is not the main decision maker

<p>3. What is the total size of the land you used for this activity in the last 12 months?</p> <p><b>For livestock/ poultry: Only count land that is specifically designated to that purpose. DO NOT count general household land / common land used for grazing.</b></p>	<p>1 Hectare ≈ 2.5 Acres</p>	<p> _____ . _____  Acres</p>	<p>--</p>	<p>--</p>	<p>--</p>
<p>4. a. In the last 12 months, did you purchase any land for this activity?</p> <p>b. In the last 12 months, did you rent any land for this activity?</p> <p>c. In the last 12 months, did you sell any land you previously used for this activity?</p>	<p>1 Hectare ≈ 2.5 Acres</p>	<p> _____  Acres  _____  KES</p> <p> _____  Acres  _____  # months  _____  KES</p> <p> _____ . _____  Acres  _____ .KES</p>	<p>--</p>	<p>--</p>	<p>--</p>

<p>5. <b>(if agriculture)</b> What crops have you grown in the last 12 months?</p> <p><i>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.</i></p> <p><b>GO TO QUESTION 8.</b></p>	<p>Use F1 codes</p>	<p> <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"/> <input type="text"/> <input type="text"/> <input type="text"/>  <input type="text"/> <input type="text"/>  Other: _____  _____  _____ </p>	<p>--</p>	<p>--</p>	<p>--</p>
<p>6a. Did your household sell any livestock animals/poultry birds/fish in the last 12 months?</p> <p><b>If YES, continue, otherwise SKIP to 8f.</b></p>	<p>1=Yes, 2=No, 99=DK</p>	<p><input type="text"/> </p>	<p><input type="text"/> </p>	<p><input type="text"/> </p>	<p><input type="text"/> </p>
<p>6b. How much did you receive in total in sales of livestock animals/poultry birds/fish during the last...? (KSH)</p>	<p>99=DK For currency, use G12 codes.</p>	<p>month: <input type="text"/>  12 months: <input type="text"/> </p>	<p>month: <input type="text"/>  12 months: <input type="text"/> </p>	<p>month: <input type="text"/>  12 months: <input type="text"/> </p>	<p>month: <input type="text"/>  12 months: <input type="text"/> </p>
<p>6c. What share of sales in the last 12 months was made to:</p>	<p><b>Show all options on one screen, Use %, and have a check summing up to 100.</b></p>	<p> <input type="text"/>  % trader / wholesaler  <input type="text"/>  % food processing / butcher / restaurants / etc.  <input type="text"/>  % other households / final consumers </p>	<p> <input type="text"/>  % trader / wholesaler  <input type="text"/>  % food processing / butcher / restaurants / etc.  <input type="text"/>  % other households/ final consumers </p>	<p> <input type="text"/>  % trader / wholesaler  <input type="text"/>  % food processing / butcher / restaurants / etc.  <input type="text"/>  % other households/ final consumers </p>	<p> <input type="text"/>  % trader / wholesaler  <input type="text"/>  % food processing / butcher / restaurants / etc.  <input type="text"/>  % other households/ final consumers </p>

6d. What share of these sales was made at...		<input type="text"/> % at the farm / in the same village <input type="text"/> % at a market other village  <input type="text"/> (if market other village) identify the market/village	<input type="text"/> % at the farm / in the same village <input type="text"/> % at a market other village  <input type="text"/> (if market other village) identify the market/village	<input type="text"/> % at the farm / in the same village <input type="text"/> % at a market other village  <input type="text"/> (if market other village) identify the market/village	<input type="text"/> % at the farm / in the same village <input type="text"/> % at a market other village  <input type="text"/> (if market other village) identify the market/village
6e. Did your household purchase any livestock animals/poultry birds/fish in the last 12 months?  <b>If YES, continue, o/w GO to question 8</b>	1=Yes, 2=No, 99=DK	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6f. How much did you spend in total on purchasing livestock animals/poultry birds/fish during the last... ? (KSH)	99=DK <i>For currency, use G12 codes.</i>	month: <input type="text"/> 12 months: <input type="text"/>			
6g. What share of purchases in the last 12 months was made from:	<b>Show all options on one screen, Use %, and have a check summing up to 100.</b>	<input type="text"/> % trader / wholesaler <input type="text"/> % other households	<input type="text"/> % trader / wholesaler <input type="text"/> % other households	<input type="text"/> % trader / wholesaler <input type="text"/> % other households	<input type="text"/> % trader / wholesaler <input type="text"/> % other households

<p>6h. What share of purchases does your household usually make from...</p>		<p>____% in this village  ____% at a market other village</p> <p>____ (if market other village)  identify the market/village</p>	<p>____% / in this village  ____% at a market other village</p> <p>____ (if market other village)  identify the market/village</p>	<p>____% in this village  ____% at a market other village</p> <p>____ (if market other village)  identify the market/village</p>	<p>____% in this village  ____% at a market other village</p> <p>____ (if market other village)  identify the market/village</p>
<p>6i. What is the total market value of the livestock animals/poultry/fish your household owned AND consumed in the last...?</p> <p><i>FOs should ask them to estimate the market value. For example, if they ate a calf, what would that calf have been worth on the market.</i></p>		<p>month:  ____ </p> <p>12 months:  ____ </p>	<p>month:  ____ </p> <p>12 months:  ____ </p>	<p>month:  ____ </p> <p>12 months:  ____ </p>	<p>month:  ____ </p> <p>12 months:  ____ </p>
<p>7a. Did you sell any animal products from this activity in the last 12 months? (e.g milk for livestock, eggs for chicken)</p> <p><b>If YES, continue. If NO, go to question 8.</b></p>	<p>1=Yes, 2=No, 99=DK</p>	<p> ____ </p>	<p> ____ </p>	<p> ____ </p>	<p> ____ </p>
<p>7b. How much did you receive in total in sales from animal products in the...?</p>	<p>99=DK  For currency, use G12 codes.</p>	<p>i. ... month:  ____   ii. ... 12 months  ____ </p>	<p>i. ... month:  ____   ii. ... 12 months ____ </p>	<p>i. ... month:  ____   ii. ... 12 months ____ </p>	<p>i. ... month:  ____   ii. ... 12 months  ____ </p>

		Currency if NOT Ksh: <input type="text"/> Other: _____			
7c. What share of those sales was made to:	<b>Show all options on one screen, Use %, and have a check summing up to 100.</b>	<input type="text"/> % trader / wholesaler <input type="text"/> % food processing / butcher / restaurants / etc. <input type="text"/> % other households / final consumers	<input type="text"/> % trader / wholesaler <input type="text"/> % food processing / butcher / restaurants / etc. <input type="text"/> % other households / final consumers	<input type="text"/> % trader / wholesaler <input type="text"/> % food processing / butcher / restaurants / etc. <input type="text"/> % other households / final consumers	<input type="text"/> % trader / wholesaler <input type="text"/> % food processing / butcher / restaurants / etc. <input type="text"/> % other households / final consumers
7d. Where do you usually sell the animal products of this activity?	<b>Show all options on one screen, Use %, and have a check summing up to 100.</b>	<input type="text"/> % at the farm / in thisvillage <input type="text"/> % at a market / other village  <input type="text"/> (if % market other village > 0) identify the most important market/village	<input type="text"/> % at the farm / in thisvillage <input type="text"/> % at a market / other village  <input type="text"/> (if % market other village > 0) identify the most important market/village	<input type="text"/> % at the farm / in thisvillage <input type="text"/> % at a market / other village  <input type="text"/> (if % market other village > 0) identify the most important market/village	<input type="text"/> % at the farm / in thisvillage <input type="text"/> % at a market / other village  <input type="text"/> (if % market other village > 0) identify the most important market/village
7e. What is the total market value of the animal products your household produced AND consumed...?  <i>FOs ask them to estimate the market value. For example, if they ate 12 eggs, what would those have been worth on the market.</i>		i. ...month: <input type="text"/> ii. 12 months <input type="text"/>  Currency if NOT Ksh: <input type="text"/> Other: _____	i. ...month <input type="text"/> ii. 12 months <input type="text"/>  Currency if NOT Ksh: <input type="text"/> Other: _____	i. ...month <input type="text"/> ii. 12 months <input type="text"/>  Currency if NOT Ksh: <input type="text"/> Other: _____	i. ...month <input type="text"/> ii. 12 months <input type="text"/>  Currency if NOT Ksh: <input type="text"/> Other: _____

<p>8. How much did your household receive in total profits from this activity in the last...</p> <p><i>If agriculture, include all crops, fruits and vegetables sold.</i></p> <p><i>If livestock/poultry/fish, include net profit from the purchase/sale of livestock/poultry/fish as well as from other animal products</i></p> <p><i>READ: Profits are your total sales net of total costs for labor, land, machines, tools.</i></p> <p><i>FOs should guide the respondent to recall the full 12 months past. Think of each growing cycle and harvest.</i></p>	<p>-99=DK</p> <p><i>For currency, use G12 codes.</i></p>	<p>a. month: [__]</p> <p>b. 12 months: [__]</p> <p>Currency if NOT Ksh: [__] Other: _____</p>	<p>c. month: [__]</p> <p>d. 12 months: [__]</p> <p>Currency if NOT Ksh: [__] Other: _____</p>	<p>e. month: [__]</p> <p>f. 12 months: [__]</p> <p>Currency if NOT Ksh: [__] Other: _____</p>	<p>g. month: [__]</p> <p>h. 12 months: [__]</p> <p>Currency if NOT Ksh: [__] Other: _____</p>
<p>9. Who in your household worked on this activity in the last month?</p>		<p>a. Show roster names. Click on one name.</p> <p>b. How many days did [name] work on this activity in the last month?</p> <p>c. How many hours did [name] work in this activity on a typical day?</p>	<p>a. Show roster names. Click on one name.</p> <p>b. How many days did [name] work on this activity in the last month?</p> <p>c. How many hours did [name] work in this activity on a typical day?</p>	<p>a. Show roster names. Click on one name.</p> <p>b. How many days did [name] work on this activity in the last month?</p> <p>c. How many hours did [name] work in this activity on a typical day?</p>	<p>a. Show roster names. Click on one name.</p> <p>b. How many days did [name] work on this activity in the last month?</p> <p>c. How many hours did [name] work in this activity on a typical day?</p>

<p>10. In total, how many workers from outside the household did you hire to work on this activity last ...? <i>Count casual workers that worked part-time as well.</i></p> <p><b>If ZERO, skip to question 12.</b></p>	<p>99=DK</p>	<p>a. month: [__] b. 12 months: [__]</p>	<p>a. month: [__] b. 12 months: [__]</p>	<p>a. month: [__] b. 12 months: [__]</p>	<p>a. month: [__] b. 12 months: [__]</p>
<p>11. How much did you spend on salaries for workers from outside the household in this business or activity during the last ...? <i>If payment is in kind, ask to estimate in shillings.</i></p>	<p>99=DK <i>For currency, use G12 codes.</i></p>	<p>a. month: [__] b. 12 months: [__] Currency if NOT Ksh: [__] Other: _____</p>	<p>a. month: [__] b. 12 months: [__] Currency if NOT Ksh: [__] Other: _____</p>	<p>a. month: [__] b. 12 months: [__] Currency if NOT Ksh: [__] Other: _____</p>	<p>a. month: [__] b. 12 months: [__] Currency if NOT Ksh: [__] Other: _____</p>
<p>12. b. Loop through the number of outside workers last month</p> <p><b>If [number of workers last month] &gt; 5:</b> Loop through the 5 most important / consistent workers.</p>		<p>a. Where does worker [n] live? Cascade to find HH b. How many days did [name] work on this activity last month? c. How many hours did [name] work in this activity on a typical day? d. What was this person's total</p>	<p>a. Where does worker [n] live? Cascade to find HH b. How many days did [name] work on this activity last month? c. How many hours did [name] work in this activity on a typical day? d. What was this person's</p>	<p>a. Where does worker [n] live? Cascade to find HH b. How many days did [name] work on this activity last month? c. How many hours did [name] work in this activity on a typical day? d. What was this person's</p>	<p>a. Where does worker [n] live? Cascade to find HH b. How many days did [name] work on this activity last month? c. How many hours did [name] work in this activity on a typical day? d. What was this person's</p>

		compensation in the last month?	total compensation in the last month?	total compensation in the last month?	total compensation in the last month?
<p>13. Think of all the buildings, vehicles, machinery, and tools that your household uses for this activity.</p> <p>a. What is the total value of all these that your household owns?</p> <p>b. What was the total amount spent on purchases and maintenance of these in the past 12 months?</p> <p>c. What was the total amount spent on rental fees for renting these in the past 12 months?</p> <p>d. What was the total amount received in rental fees from renting these to others in the past 12 months?</p>	<p><b>Include 0 as an option for no purchases / rentals</b></p>	<p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p>	<p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p>	<p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p>	<p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p> <p>Amount:  _____ </p>

<p>14. How much did you spend on the following items for this activity during the last 12 months?</p> <p>a. <b>(if livestock/poultry/fish/other)</b> Animal medicine / vet</p> <p>b. <b>(if agriculture)</b> Fertilizer</p> <p>c. <b>(if agriculture)</b> Irrigation</p> <p>d. <b>(if agriculture)</b> Improved/hybrid seeds</p> <p>e. <b>(if agriculture / other)</b> Formal agricultural insurance</p> <p>f. <b>(if livestock/poultry/fish/other)</b> Animal feed</p> <p>g. Other variable input costs NOT ALREADY MENTIONED, please specify: _____</p> <p><i>If unsure, FR can estimate.</i></p>	<p>99=DK; For currency, use G12 codes.</p>	<p>a. Amount:  _ _ </p> <p>b. Amount:  _ _ </p> <p>c. Amount:  _ _ </p> <p>d. Amount:  _ _ </p> <p>e. Amount:  _ _ </p> <p>f. Amount:  _ _ </p> <p>g. Amount:  _ _ </p>	<p>a. Amount:  _ _ </p> <p>b. Amount:  _ _ </p> <p>c. Amount:  _ _ </p> <p>d. Amount:  _ _ </p> <p>e. Amount:  _ _ </p> <p>f. Amount:  _ _ </p> <p>g. Amount:  _ _ </p>	<p>a. Amount:  _ _ </p> <p>b. Amount:  _ _ </p> <p>c. Amount:  _ _ </p> <p>d. Amount:  _ _ </p> <p>e. Amount:  _ _ </p> <p>f. Amount:  _ _ </p> <p>g. Amount:  _ _ </p>	<p>a. Amount:  _ _ </p> <p>b. Amount:  _ _ </p> <p>c. Amount:  _ _ </p> <p>d. Amount:  _ _ </p> <p>e. Amount:  _ _ </p> <p>f. Amount:  _ _ </p> <p>g. Amount:  _ _ </p>
<p>15. Have you experienced any destruction, or theft or vandalism for this activity in the last 12 months?</p>		<p> _ _  Yes, destruction</p> <p> _ _  Yes, theft / vandalism</p> <p> _ _  No</p>	<p> _ _  Yes, destruction</p> <p> _ _  Yes, theft / vandalism</p> <p> _ _  No</p>	<p> _ _  Yes, destruction</p> <p> _ _  Yes, theft / vandalism</p> <p> _ _  No</p>	<p> _ _  Yes, destruction</p> <p> _ _  Yes, theft / vandalism</p> <p> _ _  No</p>

***If ANOTHER ACTIVITY was entered, return to question 2 and fill in the next column. If NOT, continue to section 8.***

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.

Questions	Codes	Crop #1	Crop #2	Crop #3	Crop #4
<p>16. How much [crop] did you produce/harvest in the last...</p> <p><b>Ask for physical amounts (kg, gorogoro, etc.)</b></p> <p><i>READ: FOs should guide the respondent to recall the full 12 months past. Think of each growing cycle and harvest.</i></p> <p><b>If 0, skip to question 21.</b></p>	<p>Use f7 codes for units.</p> <p>DK = -99</p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/></p>
<p>17. Did you sell any of the output from [crop] in the past 12 months?</p> <p><b>If YES, continue. If NO, skip to question 21.</b></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>
<p>18. How much [crop] did you sell in the last...</p> <p><b>Try to get valuation BOTH in amount of crop, and in Ksh.</b></p>	<p>Use f7 codes for units.</p> <p>DK = -99</p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p>	<p>a. 12 month Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p> <p>b. 30 days Amount: <input type="text"/> Unit: <input type="text"/> KES: <input type="text"/></p>

<p>19. What share of those [crop] sales was made to:</p>	<p>Show all options on one screen, Use %, and have a check summing up to 100.</p>	<p><input type="text"/>% trader / wholesaler  <input type="text"/>% food processing / butcher / restaurants / etc.  <input type="text"/>% other households / final consumers</p>	<p><input type="text"/>% trader / wholesaler  <input type="text"/>% food processing / butcher / restaurants / etc.  <input type="text"/>% other households / final consumers</p>	<p><input type="text"/>% trader / wholesaler  <input type="text"/>% food processing / butcher / restaurants / etc.  <input type="text"/>% other households / final consumers</p>	<p><input type="text"/>% trader / wholesaler  <input type="text"/>% food processing / butcher / restaurants / etc.  <input type="text"/>% other households / final consumers</p>
<p>20. What share of these [crop] sales was made at...</p>	<p>Show all options on one screen, Use %, and have a check summing up to 100.</p>	<p><input type="text"/>% at the farm / in the same village  <input type="text"/>% at a market other village   <input type="text"/> (if market other village) identify the market/village</p>	<p><input type="text"/>% at the farm / in the same village  <input type="text"/>% at a market other village   <input type="text"/> (if market other village) identify the market/village</p>	<p><input type="text"/>% at the farm / in the same village  <input type="text"/>% at a market other village   <input type="text"/> (if market other village) identify the market/village</p>	<p><input type="text"/>% at the farm / in the same village  <input type="text"/>% at a market other village   <input type="text"/> (if market other village) identify the market/village</p>
<p>21. How much land (in acres) did you devote to farming this crop in the past 12 months?</p> <p><i>For tree crops, count the trunks plus the area between them. If it is too difficult to estimate, enter DK.</i></p>	<p>1 Hectare ≈ 2.5 Acres</p>	<p><input type="text"/> Acres</p>	<p><input type="text"/> Acres</p>	<p><input type="text"/> Acres</p>	<p><input type="text"/> Acres</p>
<p>22. In the past 12 months, did you plant any other crops on the land devoted to farming this crop? (ie, intercropping or crop rotation)</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>

<b><i>Skip to next crop. If last, go to question 9.</i></b>					
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**SECTION 8. Self-Employment**

**PART A: Confirming list of businesses**

***If HH does NOT have any matched enterprises from EL2 census, SKIP to question 3.***

***If HH does have matched enterprises from EL2 census, continue.***

**Read:** When we visited this household between September - December 2019, you said members of your household were running the following enterprises. I will ask about each of these in turn to verify the information we have.

**REPEAT THROUGH EACH ENTERPRISE THAT HAS BEEN MATCHED TO THIS HH AT EL2 CENSUS AND WAS OPERATIONAL {**

**Read:** I will now ask about the following enterprise.

Enterprise name: [EL2 Census Business Name]

Primary enterprise category: [EL2 Census Primary Business Category]

Secondary enterprise category: [EL2 Census Secondary Business Category]

Locations:

- a. Primary: [EL2 Census Enterprise Village or Market Center 1]
- b. Secondary: [EL2 Census Enterprise Village or Market Center 2]
- c. Tertiary: [EL2 Census Enterprise Village or Market Center 3]

Primary location, operate from: [EL2 Census operate from]

Owner name: [EL2 Census Owner Name (Nickname)]

Owner phone: [EL2 Census Owner Contact]

1. Are members of your household still running this enterprise? *(It is okay if some of this information has changed since [EL2 Census Date], as long as you are sure this is the same enterprise.)* (1=Yes, currently running, 2=No, no longer running, -98=No, never ran this enterprise)

***(if never ran enterprise)*** 1a. Explain: \_\_\_\_\_

**} END REPEAT THROUGH EACH PREFILL ENTERPRISE**

2. How many other enterprises have members of your household ran in the last 12 months (besides those already mentioned)? *Include businesses that may have closed down in the meantime. Enter 0 if no other enterprises.*   
***If >0, loop through each other enterprise starting at question 4. Otherwise, skip to loop through each mentioned enterprise starting at question 7.***

3. Other than in farming, have members of your household run any business to earn a living in the last 12 months? *Include businesses that may have closed down in the meantime.*  (1=Yes, 2=No)

**If YES, continue. If NO, skip to section 9.**

3a. How many different businesses or self-employed activities has your household run in the last 12 months? *Note: We are asking for the total number of businesses the household has run. Include all the self-employment the FR or someone else in the household has had. The FR can invite relevant person in to help answer questions for this part.*

**Read:** I will now ask some brief details about these X enterprises in turn. If any enterprises are no longer operating, please provide the details as they were at the time of closing.

**REPEAT THROUGH EACH ENTERPRISE NOT PREVIOUSLY MENTIONED (EITHER Q2 OR Q3A TIMES) {**

4. Name of the enterprise:

5. Primary enterprise category:

6. Are members of your household still running this enterprise? *(1=Yes, currently running, 2=No, no longer running)*

**} END REPEAT THROUGH EACH ENTERPRISE NOT PREVIOUSLY MENTIONED**

**FO:** At this point, we have the full list of all enterprises the household has run in the past 12 months and whether each is currently operating or not. We will ask more detailed questions about each enterprise in turn.

**PART B: Business details**

**Read:** Your household has run X number of enterprises in the past 12 months. I will now ask more detailed questions about each of these enterprises in turn.

**REPEAT THROUGH EACH ENTERPRISE THAT WAS OPEN AT ANY POINT DURING THE LAST 12 MONTHS {**

**Read:** We are now discussing the following enterprise:

Enterprise name: [ENTERPRISE NAME]

Primary enterprise category: [PRIMARY CATEGORY]

Operating status: [OPERATIONAL/CLOSED]

7. Who in this household is/was the owner of this business?  **Select from HH roster**

**FO:** If the primary decision maker for this enterprise is present, please try to collect further details on this enterprise from that person.

7a. Who is providing information on this business?  (1=Owner/primary decision maker/ 2=Other person)

**Note:** *If the business closed down, we want this information at the time of closing.*

**If this enterprise is a prefilled one and still operating, SKIP to question 19.**

**If this enterprise is a prefill one and no longer operating, SKIP to question 15.**

**If this enterprise is a not previously mentioned one, continue.**

8. Primary enterprise category: [PRIMARY ENTERPRISE CATEGORY]

8a. (if retail): What type of products does/did this enterprise sell?

8b. (if non-food): What type of products does/did this enterprise produce/sell?

9. Any secondary business categories? \_\_\_\_\_

9a. (if retail): What type of products does/did this enterprise sell?

9b. (if non-food): What type of products does/did this enterprise produce/sell?

10. When did this enterprise first begin operating / when did your household gain control of the business?

Year (Is this an estimated enterprise start year: (1=Yes, 2=No) )  
 Month (Is this an estimated enterprise start month: (1=Yes, 2=No) )

11. Is/was this a roaming/moving enterprise? *A roaming/moving enterprise is one that sells at multiple locations each week.* (1=Yes, 2=No)

12. At its primary location, from where does/did this enterprise location operate?

Homestead     Market stall     Own building  
 Share building     No building     Other    Specify: \_\_\_\_\_

13. How many locations does/did this enterprise operate from?

**REPEAT THROUGH EACH ENTERPRISE LOCATION {**

14. Is this location in a village or a market center? (1=Village, 2=Market center)

**(if village)** Search village: \_\_\_\_\_

**(if market center)** Search market center: \_\_\_\_\_

**} END REPEAT THROUGH ENTERPRISE LOCATION**

***If enterprise is still operating, SKIP to question 20. If enterprise is no longer operating, continue.***

15. Why are you no longer running this enterprise?

Enterprise is no longer operational (**continue to question 16**)

Transferred ownership or sold the business (including transfer of control for free) (**SKIP to question 17**)

Owner of the business moved away (with the business) (**SKIP to question 18**)

16. a. When did this enterprise stop operating?

Month: \_\_\_\_\_

Year: \_\_\_\_\_

b. Why did this enterprise stop operating? \_\_\_\_\_

**SKIP to question 20.**

17. To whom did you transfer or sell the business? **Use network choices.**

17a. (**if non-network person**)

To whom did you transfer or sell the business?  **Use g4 codes**

Identify the household where this person lives:  **search HH**

17b. For what amount did you sell the business?  *Enter 0 if transferred for free.*

17c. Why did you choose to close, sell or transfer control of your business? (list up to 3)  /  /  **Use F3 codes**

**SKIP to question 20.**

18. a. Where did this enterprise move to? **Search village or market center.**

b. Do you know a phone number we could use to contact this enterprise if we need to follow-up in the future?

18bi.

18bii. Whose phone is this? \_\_\_\_\_

**SKIP to question 20.**

19. Which (if any) of the following information is no longer correct:

Enterprise name: [EL2 Census Business Name]

***If Yes, SKIP to question 19a***

Primary enterprise category: [EL2 Census Primary Business Category]

***If Yes, SKIP to question 19b***

Secondary enterprise category: [EL2 Census Secondary Business Category]

***If Yes, SKIP to question 19c***

Primary location: [EL2 Census Enterprise Village or Market Center 1]

***If Yes, SKIP to question 19d***

Secondary location: [EL2 Census Enterprise Village or Market Center 2]

***If Yes, SKIP to question 19e***

Tertiary location: [EL2 Census Enterprise Village or Market Center 3]

***If Yes, SKIP to question 19f***

Primary location, operate from: [EL2 Census operate from]

***If Yes, SKIP to question 19g***

Owner name: [EL2 Census Owner Name (Nickname)]

***If Yes, SKIP to question 19h***

Owner phone: [EL2 Census Owner Contacts]

***If Yes, SKIP to question 19i***

19a. Specify the new name of the business: \_\_\_\_\_

19b. Specify the new primary business category: |

19bi. (if retail): What type of products does this enterprise sell?

19bii. (if non-food): What type of products does this enterprise produce/sell?

19c. Specify the new secondary business category: *(Select all that apply)* |

19ci. (if retail): What type of products does this enterprise sell?

19cii. (if non-food): What type of products does this enterprise produce/sell?

19di. Is the new primary location of this enterprise in a village or a market center?

| Village | Market Center

**If village, search village. If market, search market**

19dii. When did the primary enterprise location change from [EL2 Census Enterprise Village or Market Center 1]?

Month: \_\_\_\_\_

Year: \_\_\_\_\_

19e. Where is the new secondary location of this enterprise?

| Village | Market Center

**If village, search village. If market, search market**

| Doesn't have a secondary location anymore

19f. Where is the new tertiary location of this enterprise?

| Village | Market Center

**If village, search village. If market, search market**

| Doesn't have a tertiary location anymore

19g. At the primary enterprise location, where does this enterprise operate?

| Homestead

| Market stall

| Own building

| Share building

| No building

| Other Specify: \_\_\_\_\_

19h. Which household member is the new owner of this business? *Please prompt for the primary owner, if multiple household members run the business together.* | **Select from Section 4 HH roster**

19i. What is the owner's new phone number: \_\_\_\_\_

**PART B. Financial information on each business**

20. In the past 12 months, what months did your household operate this business?

Jan    Feb    Mar    Apr    May    Jun    Jul    Aug  
 Sep    Oct    Nov    Dec    Did not operate in the past 12 months

**Continue if enterprise is currently operating or not operating but operated in the past 12 months. Otherwise, skip to next enterprise/to section 9.**

21. a. **(If CURRENTLY OPERATIONAL)** In the past 7 days, what days was this enterprise open? *(Tick all that apply)*

b. **(If NOT OPERATIONAL)** When it still operated, what days was this enterprise usually open in a typical 7-day period? *(Tick all that apply)*

Open every day  
 Monday    Tuesday    Wednesday    Thursday    Don't know  
 Friday    Saturday    Sunday    None

**If none, go to question 23.**

22. On those days when the enterprise was open, how many hours was the enterprise usually open per day? \_\_\_\_\_

23. a. **(If CURRENTLY OPERATIONAL)** In total, how many HOURS was this enterprise open for customers in the last 7 days? \_\_\_\_\_

b. **(If NOT OPERATIONAL)** In total, how many HOURS was this enterprise open in a typical 7 day period? \_\_\_\_\_

24. **(If CURRENTLY OPERATIONAL)** In the past 7 days, how many hours did [Owner Name] work in total in this business? \_\_\_\_\_ hours

25. What were the total earnings (money in only - do not subtract any expenses) of this enterprise in the:

- a. **(If CURRENTLY OPERATIONAL)** Last week? \_\_\_\_\_|Ksh
- b. **(If CURRENTLY OPERATIONAL)** Last month? \_\_\_\_\_|Ksh
- c. Last 12 months \_\_\_\_\_|Ksh

26. What share of your total sales is made to ...

- a. final consumers/private individuals? \_\_\_\_\_%
- b. other enterprises (who will use your products to process/resell)? \_\_\_\_\_%

**If [26a + 26b != 100] Warning: The shares should equal to 100.**

27. What was the total profit of this enterprise over the: *(Note: In Ksh. 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. If unsure, FR can estimate. Ask in terms of ""commission"" if the FR runs an M-Pesa shop. If the business is co-owned, please report the TOTAL profit of the business, not only your share.)*
- a. **(If CURRENTLY OPERATIONAL)** Last week?  KSh
  - b. **(If CURRENTLY OPERATIONAL)** Last month?  KSh
  - c. Last 12 months?  KSh

**Co-Owners**

28. What is/was the ownership structure of this enterprise?
- Single Owner
  - Joint Ownership
  - Cooperative

***If Joint/Cooperative, continue. If Single Owner, skip to question X.***

29. How many other owners does this enterprise have? *(Note: Anyone that has claim on the profits of the enterprise and shares in business decisions is considered an owner. For cooperatives, list members of the cooperative.)*
- Co-owners from this household
  - Co-owners outside the household

b. **(if co-owners from the same household > 0):** Who in this household jointly owns this enterprise?  **Select from HH roster.**

**LOOP through each co-owner FROM THE HH {**

30. No question here

31. How many hours did this co-owner work in this enterprise over the last 7 days?

**} END LOOP**

32. **(If # of co-owners outside the household = 0)**

**(If CURRENTLY OPERATIONAL)** You said the business generated [monthly profits] KSh of profits in the last month.

Did the owners in this household receive any other compensation (e.g. wages, food, etc.) not already contained in the total profits in the last month? *Note: additional compensation is any financial or in-kind benefit that the owners of this household received from this enterprise, not already counted under profits above.*

No

Yes **(if yes)** How much was this additional compensation in total?  Ksh

33. **(If # of co-owners outside the household > 0)**  
**(If CURRENTLY OPERATIONAL)** You said the business generated **[monthly profits] KSh** of profits in the last 30 days. Of these **[monthly profits] KSh**, how much did the owners in this household receive?  KSh
- (If NOT OPERATIONAL)** You said the business generated **[yearly profits] KSh** of profits in the last 12 months. Of these **[yearly profits] KSh**, how much did the owners in this household receive?  KSh
34. **(If # of co-owners outside the household > 0)**  
**(If CURRENTLY OPERATIONAL)** You said the business generated **[monthly profits] KSh** of profits in the last 30 days:  
**[monthly profits of HH owners] KSh** went to owners in this household  
**[total profits - monthly profits of HH owners] KSh** went to owners outside this household  
 Is this correct?  Yes / No
- (If NOT OPERATIONAL)** You said the business generated **[yearly profits] KSh** of profits in the last 12 months:  
**[yearly profits of HH owners] KSh** went to owners in this household  
**[total profits - yearly profits of HH owners] KSh** went to owners outside this household  
 Is this correct?  Yes / No
35. **(If # of co-owners outside the household > 0)**  
**(If CURRENTLY OPERATIONAL)** Did the owners in this household receive any other compensation (e.g. wages, food, etc.) not already contained in the **[monthly profits of HH owners] KSh** of profits they received in the last 30 days? *Note: additional compensation is any financial or in-kind benefit that the owners of this household received from this enterprise, not already counted under profits above.*  
 No  
 Yes **(if yes)** How much was this additional compensation in total?  KSh
36. **(If # of co-owners outside the household > 5)**  
**(If CURRENTLY OPERATIONAL)** Did all the owners outside this household together receive any other compensation (e.g. wages, food, etc.) not already contained in the **[total profits - monthly profits of HH owners] KSh** of profits in the last month? *Note: additional compensation is any financial or in-kind benefit that the owners outside this household received from this enterprise, not already counted under profits above. Sum ACROSS ALL OWNERS OUTSIDE THE HH.*  
 No  
 Yes **(if yes)** How much was this additional compensation in total?  KSh

**READ: (If CURRENTLY OPERATIONAL)** You stated there are [# of CO-OWNERS] other co-owners outside of this household. I would now like to ask some details about these co-owners. If there are more than 5, please tell me about the 5 most important co-owners.

**LOOP through each co-owner OUTSIDE THE HH if CURRENTLY OPERATIONAL {**

37. Is the co-owner one of the following? **Use network choices.**  
**If one of network choices, skip to h. Otherwise, continue.**
- a. What is this co-owner's name? \_\_\_\_\_
  - b. Identify the co-owner village and HH ID (**search or cascade**)
  - c. What is this co-owner's relationship to [Owner Name]?  **Use G4 codes**
  - d. What is this co-owner's gender?  Male  Female
  - e. What is this co-owner's age?  (is this an estimated age? (1=Yes, 2=No) )
  - f. Which school system did this co-owner participate in? \_\_\_\_\_
  - g. What is the highest level of education that this co-owner has completed? \_\_\_\_\_
  - h. What is co-owner's ethnicity (tribe)? \_\_\_\_\_
  - i. When did this owner start working for this enterprise?  
 Year  
 Month
  - j. How many hours did this co-owner work in this enterprise over the last 7 days?

**} END LOOP**

38. **(If CURRENTLY OPERATIONAL and if # of co-owners outside the household > 5)** What is the total amount of hours all owners OUTSIDE THE HOUSEHOLD worked in this enterprise over the last 7 days? *Sum across all owners not in this household, and over all 7 days.*   
**(If NOT OPERATIONAL and if # of co-owners outside the household > 0)** What is the total amount of hours all owners OUTSIDE THE HOUSEHOLD worked in this enterprise over a typical 7-day period? *Sum across all owners not in this household, and over all 7 days.*

#### **Labor / Employment**

39. **(If CURRENTLY OPERATIONAL)** How many paid employees work in this enterprise? *Do not include owner or co-owner(s).*   
**(If NOT OPERATIONAL)** How many paid employees usually worked in this enterprise at a given point in time when the enterprise was operating over the last 12 months? *Do not include owner or co-owner(s).*

**READ: (If CURRENTLY OPERATIONAL)** You stated there are [# of EMPLOYEES] employees. I would now like to ask some details about these employees. If there are more than 5, please tell me about the 5 most important employees.

**REPEAT THROUGH EACH PAID EMPLOYEE if CURRENTLY OPERATIONAL {**

40. Does this employee live in this household? (1=Yes, 2=No)   
**if YES, continue, if NO, SKIP TO b**

- a. Select the employee from the HH roster:  (SKIP to j)
- b. What is this employee's name? \_\_\_\_\_
- c. Identify the employee HH / village \_\_\_\_\_
- d. What is this employee's relationship to [Owner Name]?  **Use G4 codes**
- e. What is this employee's gender?  Male  Female
- f. What is this employee's age?  (is this an estimated age? (1=Yes, 2=No) )
- g. Which school system did this employee participate in? \_\_\_\_\_
- h. What is the highest level of education that this employee has completed? \_\_\_\_\_
- i. What is this employee's ethnicity (tribe)? \_\_\_\_\_
- j. When did this employee start working for this enterprise?  
 Year  
 Month
- k. How many hours did this employee work in this enterprise over the last 7 days?
- l. What was this employee's total compensation over the last 30 days? *Include salaries and any in-kind remuneration.*  
 KES:

} END REPEAT THROUGH EACH PAID EMPLOYEE

41. **(If CURRENTLY OPERATIONAL and if # of employees > 5)** What is the total amount of hours all employees worked in this enterprise over the last 7 days?   
**(If NOT OPERATIONAL and # of employees > 0)** What is the total amount of hours all employees worked in this enterprise in a typical 7-day period?
42. **(If CURRENTLY OPERATIONAL and if # of employees > 5)** What was the total compensation of all employees together in the last 30 days? *Include salaries and any in-kind remuneration.*  
 KES:   
**(If NOT OPERATIONAL and # of employees > 0)** What was the total compensation of all employees together in a typical 30-day period? *Include salaries and any in-kind remuneration.*  
 KES:
43. Do/did any members of this household work as volunteers / unpaid employees in this business?  Yes / No
- 43a. **(if yes)** Which members of this household?  
 [HH Member 1]  
 [HH Member 2]  
 ....
- 43b. **(if any and CURRENTLY OPERATIONAL)** How many hours did each HH member work over the last 7 days?

[HH Member 1]  
 [HH Member 2]

43c. (if any and NOT OPERATIONAL) How many hours did each HH member work in a typical 7-day period?

[HH Member 1]  
 [HH Member 2]

44. (If CURRENTLY OPERATIONAL) How many volunteers from outside this household currently work in this enterprise? *Volunteers are unpaid employees.*   
(If NOT OPERATIONAL) How many volunteers from outside this household worked in this enterprise at a given point in time when the enterprise was operating? *Volunteers are unpaid employees.*

45. (if # of volunteers > 0 and CURRENTLY OPERATIONAL) What is the total amount of hours all volunteers from outside this household worked in this enterprise over the last 7 days?   
(if # of volunteers > 0 and NOT OPERATIONAL) What is the total amount of hours all volunteers from outside this household worked in this enterprise over a typical 7-day period?

46. No question here

**Capital / Investment**

47. How much did your household 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. (0 = Business was inherited or transferred for free (gift))  
Amount:

48. How did you obtain the resources your household initially invested in this business? *Select all that apply.*  
 Own savings                       Loan from relatives                       Gift from relatives                       Loan from friends  
 Gift from friends                       Bank loan                       Merry-go-round                       SACCO  
 NGO cash transfer                       Other (specify)

49. a. Do you currently have any outstanding loans for this business? *If any of these loans were already mentioned above, please include them again here.*  Yes / No                      **If Yes, CONTINUE. If No, SKIP to question 13.**

a. What is the total amount of outstanding loans? *If any of these loans were already mentioned above, please include them again here.*  KSh

b. What was the total interest this business paid on all loans combined in the last 30 days? *Note: If interest payments are less frequent than monthly, calculate what the interest would have been per month. For example, if they paid 300 KSh over the last 3*

months, put 100Ksh.

\_\_\_\_\_ KSh

**READ:** Now, I am going to ask about any physical assets that this enterprise owns, such as buildings, vehicles, or equipment. I want to remind you that we are collecting this information only for academic research purposes, and will keep this information as confidential as possible and will not report it to the authorities.

50. Which of the previously mentioned household assets do you also use for this enterprise? *Select all that apply.*

- Bicycle
- Motorcycle / scooter
- Car / truck
- Kerosene stove
- Radio / cassette player / CD player
- Sewing machine
- Kerosene lantern
- Tables
- Sofa pieces (all kinds)
- Clock or watch
- Electric iron
- Television
- Computer/tablet
- Mobile phone (non-smart)
- Smartphone
- Car battery
- Boats (motorized or other)
- Iron/Metal/Steel sheets
- Hand carts
- Wheelbarrows
- Solar panel
- Generator

	<b>a. Does this enterprise own or rent any [ASSET]? <i>Include any</i></b>		<b>c. (if own)</b> How much are ALL the [ASSET] owned by this enterprise,	<b>d. (if own)</b> Has this enterprise rented out any [ASSET] in	<b>e. (if own)</b> How much of the total [XXX] KSh of [ASSET] does this business	<b>f. (if own)</b> How much did this enterprise receive in rental fees for	<b>g. (if own)</b> What was this enterprise's total expenditure /	<b>h. (if rent)</b> Think about all the [ASSET] this enterprise	<b>i. (if rent)</b> How much did this enterprise pay in rental fees for	<b>j. (if rent)</b> What was this enterprise's total expenditure /

	<p><i>assets used for production in this business, even if already mentioned above as part of household assets.</i></p> <p><b>If owns, continue. If rents, skip to g. If no, skip to next item.</b></p>		<p>whether or not you use or rent them out, worth today? For example, if someone came to you today to buy ALL [ASSET], how much could you sell it for?</p>	<p>the last 30 days?</p>	<p>RENT OUT (rather than use for its own production ? For example, if someone came to you today to buy the part of [ASSET] that you rent out, how much could you sell it for?</p> <p><b>If YES, continue. If NO, skip to g.</b></p>	<p>[ASSET] in the last 30 days?</p>	<p>investment in [ASSET] in the last 30 days? <i>Include net purchases / maintenance / repairs.</i></p>	<p>rents in. Imagine you owned all of that [ASSET]. If someone came to you today to buy all the [ASSET] that you rent in, how much could you sell it for?</p>	<p>[ASSET] in the last 30 days? <b>Skip to next asset.</b></p>	<p>investment in the [ASSET] you rented in the last 30 days, excl. rental payments? Include maintenance / repairs.</p>
51. Land	<p><b>Please count only land used for this activity. Do not count land that is used by your household purely for private or</b></p>	<p>b. How much land does this enterprise own? <i>Include land used for this business, even if it was already mentioned above.</i></p>	<p><b>Please do not count land that is used by your household purely for agricultural or non-business use.</b></p>							

	<b>agricultural use.</b>	<i>Enter 0 if all land used is rented.</i>								
52. Buildings and structures	<b>Please do not count buildings and structures that are used by your household purely for private use.</b>	b. How many buildings and structures does this enterprise own? <i>Include buildings, even if they are part of the homestead.</i>	<b>Please do not count buildings that are used by your household purely for private use.</b>							
<b>53. Vehicles</b> Examples of large vehicles include cars, trucks, and boats. Examples of small vehicles include motorbikes, bicycles, scooters, and carts.										
<b>54. Machines and tools</b> These are generally electrical or fuel-powered and are too large to hold in your										

<p>hand. Tools are generally NOT electrical or fuel-powered and are small enough to hold and use in your hand.</p>										
<p><b>55. Furniture or electronics</b></p> <p>These are used for business (and are not for sale to customers). This may include tables, chairs, desks, computers, mobiles, TVs, and radios that you keep in your business, but they are NOT important to the way your business operates.</p>										

56. Do you own any STOCK/INVENTORY for your business? These are items that you buy from suppliers and resell to customers. Please only include the products available now or finished goods that are ready for sale today. (1=Yes, 2=No)    
**if YES, continue. If NO, skip to question 57.**

56a. How much is ALL of your stock/inventory worth today? We mean if you had to replace all of it (in the same condition it is in now), how much would that cost? Please give your best guess for the total amount.

56b. What was your total expenditure on STOCK/INVENTORY purchased last month?

57. Do you own any MATERIALS/SUPPLIES for your business? These are items that you buy from suppliers and use to make your final products or services. Please only include the inputs or supplies that have not yet been converted into a finished good. (1=Yes, 2=No)

**if YES, continue. If NO, skip to question 58.**

57a. How much is ALL of your materials/supplies worth today? We mean that if you had to replace all of it in the same quality it is in now, how much would that cost? Please give your best guess for the total amount.

57b. What was your total expenditure on MATERIALS/SUPPLIES purchased in the last 30 days?

58. If you had to buy something for your business tomorrow, approximately what is the most money you could access and spend? Please include all cash on hand, as well as all money stored offsite (e.g. lock box at home but for business, mobile money account, in a business bank account, etc.).  KSh

**Costs**

59. In the last 30 days, how much did you spend, in this business, on:

- a. Electricity and water? (from all sources)
- b. Insurance? (exclude health insurance).
- c. Security? (like guards, maintaining fences, etc.)

**READ:** I would like to remind you that all answers you give will be kept as confidential as possible, and will not be reported to the authorities.

60. Is the business licensed with the county government? (1=Yes, 2=No)

**if YES, continue. If NO, skip to question 60.**

60a. How much did this license cost?

60b. How many months in total is this license valid?

61. Is the business name registered with the government? (1=Yes, 2=No)

62. Is the business registered as a limited company? (1=Yes, 2=No)

63. 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
- 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.e., bribes - but don't use that word)
- g. Other operating costs, excluding salaries, wages, and rent (i.e. advertising, transportation)

64. In the past 12 months, have you experienced any vandalism or theft from your business? (1=Yes, 2=No)

**SECTION 9. Employment**

1. In the past 12 months, were any members of your household 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 and does not know about other household members)

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

1a. In the past 12 months, were any members of your household 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 and does not know about other household members)

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

**Read:** Now I would like to learn about what jobs members of your household currently hold or held over the last 12 months, 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 person's farm. Please do not include self-employment positions in your answer. If you work(ed) for multiple employers in the same job / occupation (e.g. agricultural laborer on different farms), consider this ONE position.

I would like to remind you that all answers you give will be kept as confidential as possible, we're an independent organization and the information you provide won't have any effect on other programs.

1b. Which members of your household currently work for pay or were employed for pay over the last 12 months? *Select all that apply from section 4 current household roster.*

**FO: Ask about each household member in turn. If the relevant household member is present, proceed directly with that HH member. Otherwise, try to get information from the FR. {**

2. Who is providing information on this person?  Self / FR

3. **Read:** *Think of all the employed positions of this person in the last 12 months.* In the last 12 months, how many employed positions did this person have?

If [number of employed positions] > 5: LOOP through the 5 most important positions

**LOOP through each employed position of this person. Begin with the most important one. {**

**Read: I will now ask about each of these positions for [HH Member Name] in turn.**

Questions	Codes	A: Employed position #1	B : Employed Position #2	C : Employed Position #3
4. In what occupation is this work?	<b>Use G9 codes</b> (-99=DK)	_ _  Other:_____	_ _  Other:_____	_ _  Other:_____
5. In what industry is your employer?	<b>Use New F2 codes</b>	_ _  Other:_____	_ _  Other:_____	_ _  Other:_____
6. <b>(If industry = ag_large, animal, ag_small, domestic)</b>  Which household is your employer?  <b>If employer is in study area, match to ID and GO to question 9. If NOT, GO to question 8.</b>	<b>Use HH network codes to find employer HH</b>			
7. <b>(If industry != ag_large, animal, ag_small, domestic)</b>  Which enterprise is your employer?  <b>If employer is in study area, match to ID and GO to question 9. If NOT, GO to question 8.</b>	<b>Use ENT network codes to find employer HH</b>			
8. Provide information about the employer. a. Name: b. Phone number:				
9. In what month and year did [HH Member Name] start this job?	(MM/YYYY)	_ _ / _ _ _ _ _	_ _ / _ _ _ _ _	_ _ / _ _ _ _ _
10. In what month and year did [HH Member Name] end this job?	(MM/YYYY)	_ _  current job  _ _ / _ _ _ _ _	_ _  current job  _ _ / _ _ _ _ _	_ _  current job  _ _ / _ _ _ _ _

<p>11. In the last 12 months, which months did this person work in this position? <b>Include all months for which this person worked during some part of the month.</b></p>		<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
<p>12. In this position, what is or was your employment status? <b>If had different statuses at different points in time, use most recent.</b></p>	<p><b>Use F6 codes</b></p>	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____
<p>13. This position's working patterns could be best described as:</p>	<p>1 = Full time  2 = Part time  3 = Seasonal  4 = Other  <b>(specify)</b></p>	<input type="text"/> Other: _____	<input type="text"/> Other: _____	<input type="text"/> Other: _____
<p>14. <b>(if current job)</b> How many hours did this person work at this job during the last 7 days?   <b>(if past job)</b> How many hours did this person work at this job in a typical 7-day period?</p>		<input type="text"/> hours	<input type="text"/> hours	<input type="text"/> hours
<p>15. <b>(if current job)</b> In the past 7 days, approximately how many employees work / worked at the place / business of this position? <b>Include this person in this count.</b>   <b>(if past job)</b> In a typical 7-day period, approximately how many employees work / worked at the place / business of this position? <b>Include this person in this count.</b></p>	<p>1=1, 2=2-5;  3=6-10;  4=11-20;  5=21-99;  6=100 or more;  -99=DK</p>	<input type="text"/> Exact number (if known)  <input type="text"/> Category	<input type="text"/> Exact number (if known)  <input type="text"/> Category	<input type="text"/> Exact number (if known)  <input type="text"/> Category

<p>16. <b>(if current job)</b> What was the amount of this person's <u>cash salary</u> in the past 30 days? <b>Ask for pre-tax salary, where applicable.</b></p> <p><b>(if past job)</b> What was the amount of this person's cash salary in a typical 30 day period?</p>	<p><b>For currency, use G12 codes</b></p>	<p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>	<p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>	<p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>
<p>17. For the past 30 days at this job (or in a typical 30 day period), what was the total value of this person's:</p> <ul style="list-style-type: none"> <li>a. payment in kind in food?</li> <li>b. NSSF / health insurance?</li> <li>c. housing benefits?</li> <li>d. uniforms / clothing benefits?</li> <li>e. training allowance?</li> <li>f. other allowances and benefits?</li> </ul> <p><b>FR can estimate if unsure.</b></p>	<p><b>For currency, use G12 codes</b></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>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>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>Currency if NOT Ksh:  __  Other: _____</p>
<p>18. a. In the last 12 months, did this person pay any income taxes for this job?</p> <p>b. <b>(if yes and current job)</b> What is the amount this person paid in income taxes for the last 30 days?</p> <p>b. <b>(if yes and past job)</b> What was the amount this person paid in income taxes in a typical 30 day period?</p> <p><b>FR may estimate if they pay annually.</b></p>	<p><b>For currency, use G12 codes</b></p>	<p> __  (1=Yes,2=No)</p> <p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>	<p> __  (1=Yes,2=No)</p> <p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>	<p> __  (1=Yes,2=No)</p> <p>Amount:  ____ </p> <p>Currency if NOT Ksh:  __  Other: _____</p>

} END LOOP through selected household members.

19. Are you or other 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.* (1=Yes, 2=No) |\_\_|

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

20. Why not?  Use F8 codes.  
**SKIP TO SECTION 10.**

21. Who in this household is currently looking for a job, or another job? *Select all that apply from section 4 current household roster.*

22. **(if respondent selected)** During the last 7 days, how many hours did you spend actively searching for jobs, applying for jobs, or in interviews?   
**If 0, skip to Section 10. Otherwise, continue.**

23. **(if respondent selected)** During the last 7 days, what did you try to get a job, or another job? *Select all that apply.*   
*Use F4 codes*

**Section 10: 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 the purchase. 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.

	<b>PURCHASES IN LAST 7 DAYS</b>	<b>HOME PRODUCTION</b>	<b>GIFTS</b>	<b>SHOPPING PATTERNS</b>
	<p><b>Q1:</b> In the past 7 days, how much [CATEGORY] have the members of your household purchased?</p> <p><b>Prompt for shillings.</b></p>	<p><b>Q2:</b> In the past 7 days, how much [FOOD] did your household consume from your own production?</p> <p><b>Prompt for shillings. Ask FR to estimate how much the total consumption would be worth if SOLD AT THE MARKET PRICE IN THE LAST 7 DAYS.</b></p>	<p><b>Q3:</b> In the past 7 days, how much [FOOD] did your household receive as a gift from someone outside of the household?</p>	<p><b>Q4.</b> From which village or market center did members of your household purchase [FOOD] in the last 30 days?</p> <p><i>If multiple markets / villages, pick the main one, where you spent the most.</i></p> <p><b>Include “never purchased in the last 30 days” option</b></p>
[FOOD]	<b>KSH</b>	<b>KSH</b>		<b>VILLAGE or MARKET CENTER</b>
<p><b>All cereals</b>  <i>Rice, maize, grains and flours, oats, pasta, biscuits and cakes, bread. Include grains used for food or alcohol.</i></p>				
<p>Spent on grinding of maize, cereals, and any other products <b>(Only include price of GRINDING service, not of the product itself. If</b></p>				

<b>purchased already ground, (e.g. maize flour), include in the product category (e.g. maize).</b>				
<b>All pulses</b> <i>Beans, grams, black grams, peas, groundnut, cowpea</i>				
<b>All vegetables</b> <i>Tomatoes, kales, cowpea leaves, Onions, Cabbage, Mrenda, (Local Vegetable), Saka (Local Vegetable)</i>				
<b>All meat</b> <i>Beef, pork, bacon, mutton/lamb, goat, chicken, camel</i>				
<b>All roots and tubers</b> <i>Irish potatoes, sweet potatoes, cassava, cassava flour, yams, arrow root, crisps, chips.</i>				
<b>All fish</b> <i>includes fresh, dried, frozen, smoked, omena</i>				
<b>All dairy products and eggs</b> <i>Milk (fresh, condensed), mala, yoghurt, cream, cheese, eggs</i>				
<b>All oils and fats</b> <i>Cooking fat, butter, Ghee, Margarine, Cooking oil, Lard (Animal fat, Peanut butter</i>				
<b>All fruits</b> <i>Bananas, oranges, pawpaws, avocado, mangos, pineapples, passion fruit, pears, plums, apples, lemons, grapefruit, strawberries, other berries, melons, grapes, coconuts, jackfruit</i>				
<b>All sugar products</b> <i>Sugar, sugar cane, jaggery, icing sugar, honey</i>				
<b>All non-alcoholic drinks</b>				

<i>Tea leaves, preserved fruit juice, coffee, soda, soya drink, health drink, drinking chocolate, mineral water</i>				
<b>Alcoholic drinks / tobacco?</b> <i>Spirits, wine, beer, brews (busaa, changaa), cider; cigarettes, bhang, snuff, khatt, miraa</i>				

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

ITEM	<p><b>Q5.</b> In the past 30 days, how much did your household spend on [ITEM] in total? (KSH)</p> <p><i>Enter zero if none are consumed. DK=-99</i></p>	<p><b>Q6. (If non-zero purchases)</b> From which village or market center did members of your household purchase [ITEM] in the past 30 days?</p> <p><i>If multiple markets / villages, pick the main one, where you spent the most.</i></p> <p><b>Include "DK"</b></p>
a. Airtime, other phone expenses		
b. Internet		
c. Petrol, tolls, transport such as taxi/bus/matatu/boda/piki/train/flight fare, hotel stays (NOT including medical reasons)		
d. Lottery tickets/gambling		
e. Clothing and shoes		
f. Prepared meals outside the house (including restaurants, kiosks,...)		
g. Recreation/entertainment such as books/magazines, music/CDs, videos, tickets to any entertainment		
h. Personal items (hair cuts, toiletries, cosmetics, combs)		
i. Household items (soap, cleaning agents, toilet paper/tissues, air freshener, shoe polish, insecticide, matches, candles)		
j. Firewood, charcoal and kerosene		
k. Electricity		
l. Water		

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

ITEM	Q7. In the past 12 months, how much did your household spend on [ITEM] in total (KSH)?	Q8. (if Q7 > 0) From which village or market center did members of your household usually purchase [ITEM] in the last 12 months?
a. House rent/mortgage		
b. Fixing home damage or doing essential maintenance (e.g. fixing a leaking roof)		
c. Improving or expanding the home (e.g. metal sheets, doors, timber, labor, etc.		
d. Religious expenses or other ceremonies (excluding weddings and funerals)		
e. Charitable donations		
f. Weddings, Funerals (including outside their household if contributed to their costs)		
g. Medical expenses related to covid-19, including face masks, soap, hand sanitizer, etc.		
h. All other medical expenses (including consultation fees, medicines, hospital costs, lab test costs, ambulance costs, and related transport)		
i. Household durables <b>FO: Read list below, calculate total</b> 1 Vehicles (car, boat, bike, motorbike, handcarts, etc.) 2 Furniture (bed, chair, vases, mirror, etc.) 3 Kitchen and other equipment (cutlery, pots, pans, plates, etc.) 4 Electronic equipment, (lamps, mobile phone, television, etc.) 5 Tools <b>We ask about livestock in ag section.</b>		
j. Dowry/bride price		

Q9. 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 section 11.1**

**LOOP THROUGH UP TO 3 EXPENSES {**

a. Please specify this other expense: \_\_\_\_\_

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

}

**Section 11.1 Community Groups**

1. Do you or any member of your household take part in a community group? *Note: community groups include men’s/women’s groups, table banking groups, youth groups, political groups, self-help groups, etc.*  
**If NO, skip to next section. If YES, continue.**

1a. How many community groups are you or any other member of your household currently a member of?

**If 1a > 3, read:** The respondent reported that members of the household are currently a member of [1A] groups. We are only interested in the 3 groups they are most engaged in. Please ask the respondent to think about these 3 groups, then ask the following questions one-by-one about each group.

**If 1a < 3, read:** The respondent reported that members of the household are currently a member of [1A] groups. Please ask the respondent the following questions one-by-one about each group.

		<b>Group #1</b>	<b>Group #2</b>	<b>Group #3</b>
2. Group name. <i>Please probe to get the group name, not just the purpose.</i>	Use group name preload, or enter other			
3. Group purpose (select all that apply)	<b>Use Group Purpose codes.</b>	<input type="text"/> Other: <input type="text"/>	<input type="text"/> Other: <input type="text"/>	<input type="text"/> Other: <input type="text"/>
4. Where is this group primarily located?	<b>Go through village / market cascade. Allow for no location.</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. Please select all members of the household that are members of this group	<b>Use household roster information</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. Does any member of this household hold a leadership position in this group? Select all household members that do.	<b>Use household roster information, or none</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. How desirable is it for people in your village to belong to this group?	1 = very desirable 2 = somewhat desirable 3 = not very desirable -99=DK	<input type="text"/>	<input type="text"/>	<input type="text"/>

<p><b>IF group purpose includes ROCSA/table banking, continue to 8. Else skip to question 9.</b></p> <p>8. What is the minimum amount that you are expected to contribute?</p>	<p>(KES) Enter 0 if there is no minimum contribution.</p>	<p> _ _ </p>	<p> _ _ </p>	<p> _ _ </p>
<p>9. What were your household's total contributions to this group in the last 12 months?</p>	<p>Hint: <b>Exclude</b> ROCSA <i>pot/table banking</i>. <b>Include</b> <i>registration fees, membership fees, contributions to group's existing assets such as maintenance of assets, to new purchases or to initiatives. Please include contributions in cash, or the value of food or goods.</i> <b>Include 0 for no contributions</b></p>			
<p>10. How much have you or anyone from your household actually received in income from this group in the last 12 months, other than any loans? Include income from renting any assets owned by the group.</p>	<p>Include cash, the value of food or goods received, and interest on loans made out by the group. [KSH] [0: No income]</p>	<p> _ _ </p>	<p> _ _ </p>	<p> _ _ </p>
<p>11. Did this group think about a joint initiative in the past 12 months? <b>If YES, continue. If NO, skip to question 13</b></p>	<p>(1=Yes, 2=No, -99=DK)</p>	<p> _ _ </p>	<p> _ _ </p>	<p> _ _ </p>
<p>11a. How many initiatives did this group think about?</p>		<p> _ _ </p>	<p> _ _ </p>	<p> _ _ </p>
<p>11b. What were the purposes of the group's initiatives? Please select all that apply.</p>	<p>1. For assets or equipment for the group to rent, e.g. plastic chairs 2. For equipment or tools for members to share on their farms/business, e.g. a plough 3. For inputs for members' farms or businesses, e.g. seeds</p>	<p> _  /  _  /  _  Other: _____</p>	<p> _  /  _  /  _  Other: _____</p>	<p> _  /  _  /  _  Other: _____</p>

	<p>4. To provide infrastructure for the community, e.g. a new school building</p> <p>5. To provide infrastructure for the group members only, e.g. a building members can use</p> <p>-77. Other (specify)</p>			
11c. What was the total amount raised for these initiatives combined?		_ _	_ _	_ _
11d. How many initiatives have been completed successfully (e.g. the intended purchase has been made)?				
11e. How many initiatives have been completed partially (e.g. part of the intended purchase has been made)?				
<p>12. In the last 12 months, has the group approached any <b>prominent local person</b> for support, either financial support or for obtaining services, and/or received support, even without asking for it? We are asking about support for the group or the community, not on behalf of an individual member.</p> <p><i>Hint: By prominent local people, we mean current politicians, any aspirants for local or regional public office. Include approaches made to agents or intermediaries acting on behalf of a prominent person.</i></p> <p><b>Select all that apply</b></p> <p><b>If 1-4 continue. If 5, skip to 12b. If NO, skip to the next section.</b></p>	<p>1 Group asked for financial support, and received it</p> <p>2 Group asked for financial support, but did not receive it</p> <p>3 Group asked for support obtaining a service, and received it</p> <p>4 Group asked for support obtaining a service, but did not receive it</p> <p>5 Group did not ask for any support, but received some</p> <p>0 None of the above</p> <p>-88 DON'T READ: Refuse to answer</p>	_ _	_ _	_ _
12a. Who did this group ask for support from? <i>Select all that apply</i>	<b>Use Group Request codes:</b>	_ _ _ _ _ _	_ _ _ _ _ _	_ _ _ _ _ _

<b>If q10 = 1, continue. Else go to the next group/Section.</b>	1=Current MCA, 2=Current MP, 3=Current Governor, 4=Other current politician, 5=Past politician, 6=Other prominent person (don't specify)			
12b. From whom did this group receive support? <i>Select all that apply.</i>	<b>Use Group Request codes</b>	_ _	_ _	_ _
<b>If 12 = 1, 3 or 5, continue. Else go to the next group/Section.</b> 12c. What was the total value of support received? <i>Include both monetary and in-kind support; please estimate value of in-kind support.</i>		_____	_____	_____

**Section 11.2. Public Goods**

1. Thinking about public fundraising events (harambees) in the last 12 months, which of the following has your household contributed to? *Select all that apply. Use Harambee Purpose codes. FO Note: If respondent is unsure about answering harambee questions, please read: We believe harambees bring people in Kenya together and unite communities. They are great opportunities for communities in Kenya to collect funds for a good purpose like education. They are an integral part of community life and contribute to self-empowerment of local communities in Kenya.*

|\_|/|\_|/|\_|/|\_|/|\_| Other: \_\_\_\_\_

**Read:** I will now ask a few further questions about the contributions your household made to each of these harambee purposes..

***LOOP through each purpose type {***

2a. How many times did you contribute to harambee for [PURPOSE] over the past 12 months? |\_|\_|

2b. How much did you contribute to harambees for [PURPOSE] in total in the past 12 months, both in-kind and in cash? |\_|\_|\_| KSh

2c. How satisfied were you with how the collected money was spent? |\_|\_| (1=very dissatisfied to 5= very satisfied)

*IF Harambee Purpose codes = School facilities OR Health clinic/dispensary OR Water points OR Road construction/maintenance OR Market center OR Other community development project, then 2d:*

2d. What is the stage of the [PURPOSE] facility you contributed to?  (1. Still in planning; 2. Under construction or renovation, but not likely to be completed; 3. Under construction or renovation, likely to be completed; 4. Completed)

**} end LOOP through harambee purpose types**

3. In the past 12 months, did you or members of your household provide volunteer or unpaid labor for any community projects or activities? *E.g., clearing brush off roads, slashing community spaces, maintaining water points, projects related to school development. Exclude any work you have discussed during the section on groups.* (1=Yes, 2=No, 99=DK)

3a. (if YES): In the past 12 months, how many hours in total have members of your household provided volunteer or unpaid labor for any community projects or activities?

4. In the past 12 months, has your household benefited from a harambee or collection? In other words, your household received money from a harambee or collection.(1=Yes, 2=No, 99=DK)

4a. (if YES): In the last 12 months, what was the total value of the contribution (in cash or in kind) you or any members of your household received through harambees or collections? *Please estimate the value of in-kind contributions*  
Amount:

**Read:** *We know that sometimes households have targets or expectations for contributions, and that sometimes households are able to meet these targets and other times they are not.*

5. In the past 12 months, how many times has your household been given any targets or expectations for contributions that you did not meet for harambees or any other collections, both in-kind and in cash?   
*If > 0, continue. If not, skip to question 6.*

5a. For what purpose were these targets or expectations? *Select all that apply. Use harambee purpose codes*  
 /  /

5b. What was the main reason you did not make these contributions? *Select one:*   
1 = I believe the people running the event(s) would not deliver on the project  
2 = The cause or project for which the fundraising event(s) was run was not important to m

- 3= I had no personal connections to the people running the event(s)
- 4 =I didn't think the project would benefit me directly
- 5 = I couldn't contribute as I had contributed to other projects already
- 6= I did not have cash on hand at the time of the project
- 7 = Other (specify) \_\_\_\_\_
- 88= Refuse to answer
- 99 = Don't know

6. In the last 12 months, did you pay any taxes, fees or fines to the village elder, assistant chief or chief? Do not include contributions towards targets that have already been discussed. *Select all that apply.* (1=Paid taxes or fees, 2=Paid fines, 3=No, -99=DK)

/  /

**If 1 selected, go to question 6a. If only 2 selected, go to question 6b. If no, skip to question 7.**

6a. How much did you pay any taxes or fees in the past 12 months? *Do not include contributions towards targets that have already been discussed.*

6b. How much did you pay in fines in the past 12 months?

**Read:** Now I would like to ask you some questions about public facilities in your area.

	<p>7. Think about the [FACILITY] you most use. How many minutes walk is it from your homestead?</p>	<p>8. What type of [FACILITY] is this?</p> <p>Water points: 1=Piped water, 2=Well (gather), 3=Protected spring, 4=Unprotected spring, 5=Collected rainwater, 6=Lake/pond, 7=River/stream, 8=Borehole well (high quality water), 9=Borehole well (low quality water), -77=Other)</p>	<p>9. How would you rate the quality of this [FACILITY]?</p> <p>(5=very good, 4=good, 3=fair, 2=poor, 1=very poor, (DON'T READ): -99=DK, -88=Refuse</p>
--	---	---	---

		Health clinic/dispensary: 1=Public health clinic, 2=Dispensary	
i. Water point	__	__  Other: _____	__
ii. Public health clinic/dispensary	__	__  Other: _____	__

10. What would you say is the area of greatest need for more development spending in your area? (1=Primary schools, 2=Secondary schools, 3=Water points, 4=Roads, 5=Market centers, 6=Electrification, 7=Other, 8=No need for more development spending)

|\_\_|

	<p>11. In the last 12 months, have you had contact with, or tried to get any contact with, the following services:</p> <p>(1=Yes, 2=No)</p> <p><b>If YES, skip to 13. If NO, continue to 12..</b></p>	<p>12. In the past 12 months, would you have liked to get any of the following services, but didn't? Why? Select the main reason.</p> <p>(0=No, this was not relevant to me, 1=Yes, but I didn't have time, 2=Yes, but I couldn't afford the costs or travel/airtime, 3=Yes, but it was too much hard work, 4=Yes, but I didn't think I would obtain it, 5=Yes, but I couldn't afford the gift or favour expected by the official in return)</p> <p><b>SKIP to next row.</b></p>	<p>13. Did you obtain this service?</p> <p>(1=Yes, 2=No)</p> <p><b>If YES, continue to 14. If NO, continue to 15.</b></p>	<p>14. How long did it take to obtain the service from first contact attempt?</p> <p>Amount:  _____  Unit (1=Day; 2=Week; 3=Month; 4=Year):  _ </p>	<p>15. Did you ask a prominent local person to intercede on your behalf, to help you obtain the services?</p> <p>(1=Yes, and they interceded; 2=Yes, but they did not intercede, 3=No, -88=Refuse to answer)</p> <p><b>If 13 = yes, continue; otherwise skip to next row.</b></p>	<p>16. Did you have to give a gift to an official, or do a favour for an official to get this service?</p> <p>(1=Yes, 2=No, -88= Refuse to answer)</p>	<p>17. How satisfied were you with what you received?</p> <p>(1=very dissatisfied, 2= dissatisfied, 3=Neutral, 4=satisfied, 5 = very satisfied, -99=Don't know, -88=Refuse).</p>
a. Teachers or school officials from a public school?	_____		_____		_____		_

b. A public clinic, hospital or dispensary?	<input type="checkbox"/>		<input type="checkbox"/>	Amount: <input type="checkbox"/> Unit (1=Day; 2=Week; 3=Month; 4=Year): <input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
c. Obtaining an official personal document from a Huduma Center, such as birth certificate, driver's license, passport or voter's card?	<input type="checkbox"/>		<input type="checkbox"/>	Amount: <input type="checkbox"/> Unit (1=Day; 2=Week; 3=Month; 4=Year): <input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
d. Obtaining an official permit, such as a permit to start a group or a business?	<input type="checkbox"/>		<input type="checkbox"/>	Amount: <input type="checkbox"/> Unit (1=Day; 2=Week; 3=Month; 4=Year): <input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
e. Obtaining an electricity connection	<input type="checkbox"/>		<input type="checkbox"/>	Amount: <input type="checkbox"/> Unit (1=Day; 2=Week; 3=Month; 4=Year): <input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

***Section 11.3 Crime and Safety***

**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.

	<b>Q:</b> During the last 12 months... (1=Yes, 2=No)  <b>If YES, continue. If NO, go to next row</b>	(a) How many times?	(b) Did you report the crime to the police or the local administration (chief, assistant chief, liguru)? (1=Yes, 2=No)
1. ... has someone stolen or attempted to steal any livestock from you?	_____	_____	_____
2. ... has someone stolen or attempted to steal any household items?	_____	_____	_____
3. ... has someone stolen or attempted to steal any cash from you?	_____	_____	_____
4. .... has someone assaulted you without a weapon?	_____	_____	_____
5. ... has someone assaulted you using a weapon (such as a club, machete or gun)?	_____	_____	_____
6. ... have you been the victim of arson?	_____	_____	_____
7. ... have you been the victim of witchcraft?	_____	_____	_____
8. ... have you been the victim of any other crime or attempted crime? If YES: Describe other crime:	_____	_____	_____

9. 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 12.1 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) by itself is not 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. During the past 30 days, how many days of work or housework or school did you miss due to poor health? (0=None, -98=N/A)

5. 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 question 7.**

6. 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 (<16) in your household...
7. ...gone to bed hungry?	a. <input type="text"/>	b. <input type="text"/>
8. ....skipped meals or cut the amount of meals?	a. <input type="text"/>	b. <input type="text"/>
9. ....gone entire days without food?	a. <input type="text"/>	b. <input type="text"/>

10. Now I'm going to ask you some questions on your health that in some way may touch your private life. You may have experienced some of these illnesses or not. Please let me know if you have experienced any of these illnesses or symptoms in the last three months

**Read options. Indicate all that apply.** (1=Yes, 2=No, 3=DK what that symptom / illness is)

(A) Fever	<input type="text"/>	(M) Malaria	<input type="text"/>
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(B) Persistent cough	<input type="checkbox"/>	(N) Typhoid	<input type="checkbox"/>
(C) Always feeling tired	<input type="checkbox"/>	(O) Tuberculosis	<input type="checkbox"/>
(D) Stomach pain	<input type="checkbox"/>	(P) Sores or ulcers on the genitals	<input type="checkbox"/>
(E) Worms	<input type="checkbox"/>	(Q) Cholera	<input type="checkbox"/>
(F) Blood in stool	<input type="checkbox"/>	(R) Yellow fever	<input type="checkbox"/>
(G) Rapid weight loss	<input type="checkbox"/>	(S) Asthma / breathlessness at night	<input type="checkbox"/>
(H) Frequent diarrhea	<input type="checkbox"/>	(T) Frequent and excessive urination	<input type="checkbox"/>
(I) Skin rash or irritation	<input type="checkbox"/>	(U) Constant thirst / increased drinking of fluids	<input type="checkbox"/>
(J) Open sores / boils	<input type="checkbox"/>	(V) Diabetes	<input type="checkbox"/>
(K) Difficulty Swallowing	<input type="checkbox"/>	(W) <b>Men only:</b> Unusual discharge from the tip of the penis.	<input type="checkbox"/>
(L) Serious wound or injury	<input type="checkbox"/>	(X) High blood pressure / hypertension	<input type="checkbox"/>
		(Y) Other (specify): _____	<input type="checkbox"/>

11. During the last <u>three months</u> , how many visits to a hospital or clinic did you make? <b>Only include visits for the FR's own medical care, not that of a family member or friend. If ZERO, skip to question 15b.</b>	<input type="checkbox"/>
11a. What was the reason for this/these visits? <i>Select all that apply. Use major health problem codes.</i>	<input type="checkbox"/>
11b. Were your visits to 1=private hospitals / clinics, 2=public hospitals / clinics, 3=both?	<input type="checkbox"/>
IF BOTH: 11c. How many of these visits were to public hospitals / clinics?	<input type="checkbox"/>
11d. In how many of these visits were you admitted to the hospital?	<input type="checkbox"/>
11e. Was the hospital or clinic able to address your needs? ( <b>DO NOT READ, simply code the FR's response</b> ) <input type="checkbox"/> No, they had insufficient supplies and staff <input type="checkbox"/> There were staff, but they had limited supplies <input type="checkbox"/> There were some supplies, but limited staff to help us <input type="checkbox"/> There were sufficient staff and supplies to help us <input type="checkbox"/> Other:	
12. During the last <u>12 months</u> , have you taken any drugs for worm infections or schistosomiasis? (1=Yes, 2=No)	<input type="checkbox"/>
13. Did you sleep under a bednet last night? (1=Yes, 2=No)	<input type="checkbox"/>

14. Have you experienced any major health problems that seriously affected your life or work in the last 12 months?

(1=Yes, 2=No)

**If Yes, CONTINUE. If No, SKIP to section 12.2.**

15. Which of the following health problems did you experience that seriously affected your work or life in the last 12 months? *Select all that apply. Use H1 codes*

16. What impact has these health problems had on your life? *Use H2 codes. List up to 3.*

**Section 12.2 Current Public Health Events**

1. How many different people from outside this household have you interacted with in-person? *By interact, we mean talk, touch, hug, etc. Do not count people you only crossed on the street and had no interaction with.*

Yesterday   
In the past 7 days:

2. How many different people have you talked with on the phone or exchanged text messages with?

Yesterday   
In the past 7 days:

**Read:** I would like to remind you that this information is only used for research purposes, and that we will not share this information with anyone.

3. Do you own a mask?  (1=Yes, 2=No)

***If YES, continue. If NO, skip to X.***

4. In the past 7 days, did you wear a mask ... (1=Yes, every time; 2=Yes, some of the time; 3=No; -98=Did not visit in last 7 days)

- i. ... when you went to a market center?
- ii. ... when you attended a religious gathering?
- iii. ... when you used public transport?
- iv. ... when you visited a store in the village?
- v. ... when you visited another household? *We mean, when you reached that household, indoors or while talking to member of that household.*
- vi. ... at work?

5. a. Out of 10 other households in your village, how many do you think wear a mask or face covering... *Prompt for number out of 10.*

- i. ... when they go to a market center  1 - 10
- ii. ... when they attend a religious gathering?  1 - 10
- iii. ... when they use public transport?  1 - 10
- iv. ... when they visit a store in your village?  1 - 10
- v. ... when they visit another household in your village?  1 - 10
- vi. ... at work?  1 - 10

b. Out of 10 other people wearing a face mask in your village, how many do you think wear it correctl (completely covering their mouth and nose)...? *For example, wearing a mask around the neck or chin would be considered incorrect.*

- i. Within the village:  1 - 10
- ii. Outside the village:  1 - 10

6. a. How many members of your household have been tested for COVID-19?
- b. *(if none)* Did anyone in your household try to get tested but was unable to?  (1=Yes, 2=No)
- c. Has anyone in this household ever tested positive for COVID-19?  (1=Yes, 2=No)

7. Do you know anyone outside this household that has, or has had, COVID-19/coronavirus? *By knowing someone, we mean someone you could identify by name, and that you have interacted with before.*  (1=Yes, 2=No) **If YES, continue. If NO skip to section 13.**

- a. Who are these persons? Select all that apply.
- Family members living in this village
  - Family members living in this sublocation, but outside the village
  - Family members living in Siaya county, but outside the sublocation
  - Family members living outside Siaya county
  - Someone from workplace
  - Friends living in this village
  - Friends living in this sublocation, but outside the village
  - Friends living in Siaya county, but outside the sublocation
  - Friends living outside Siaya county
  - Neighbors
  - Other: \_\_\_\_\_

**SECTION 13.1: Redistributive Attitudes**

**FO NOTE:** For this section (13.1), 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.

**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.

<p><b>Possible responses for the following questions are:</b>          1=Completely agree; 2=Agree somewhat; 3=Disagree somewhat; 4=Completely disagree.  <b>Do not read:</b> 5=Neutral, -99=DK</p>	
<p>1. The government should take measures to reduce differences in income levels.</p>	<input type="text"/>

**Read:** For 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

2. 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?**

3. A: People's incomes should be made more equal,  
 B: Income differences are needed as an incentive for individual effort.

**Probe: Do you agree very strongly?**

4. A: The government should take more responsibility to ensure that everyone is provided for  
 B: Individuals should take more responsibility themselves to ensure that everyone is provided for.

**Probe: Do you agree very strongly?**

5. A: Communities should take more responsibility to ensure that everyone is provided for

B: Individuals should take more responsibility themselves to ensure that everyone is provided for.

**Probe: Do you agree very strongly?** |\_\_|

6. A: People can only get rich at the expense of others,

B: Wealth can grow so that there is enough for everyone.

**Probe: Do you agree very strongly?** |\_\_|

7. A: It is most important to guard the health of groups that are especially vulnerable to COVID-19.

B: It is most important to support livelihoods by keeping businesses and schools open despite COVID-19 risks

**Probe: Do you agree very strongly?** |\_\_|

8. Imagine that someone from outside comes into this community, and wants to do a development project. They give the community the choice between two projects. What do you think is the best thing to do? *Read out options to the respondent and let them choose one.*

1 = discuss together as a community until a decision is reached

2 = allow all community members to have a vote

3 = allow the village authorities to decide |\_\_|

**SECTION 13.2 Social Capital and Religious Attitudes**

**Read:** Now, I would like to ask you about your social activities and your views on society.

1. We have spoken to many people and they have all described themselves in different ways. Some people describe themselves in terms of their language, religion, race, gender, and others describe themselves in economic terms, such as working class, middle class, or a farmer. Besides being a Kenyan, which specific group do you feel you belong to first and foremost? **Do not read responses aloud. Simply allow FR to respond and code response according to which category it fits into.**

|\_\_| (1=Ethnicity / Language, 2=Religion, 3=Class / Occupation, 4=Gender, 5=Other (specify): \_\_\_\_\_)

	Codes	Answer
2. 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	__
3. In general, can you trust members of your tribe?	1=Yes, 2=No, -99=DK	__
4. In general, can you trust people of other tribes?	1=Yes, 2=No, -99=DK	__
5. In general, can you trust people of your church / mosque? <b>If -98, skip to question 7.</b>	1=Yes, 2=No, -99=DK, -98=Doesn't belong to a church / mosque	__
6. In general, can you trust people of other churches / mosques?	1=Yes, 2=No, -99=DK	__
7. In general, can you trust people of your own village?	1=Yes, 2=No, -99=DK	__
8. In general, can you trust people of other villages?	1=Yes, 2=No, -99=DK	__

9. What is your religion or denomination? **Use G11 codes** |\_\_| Other: \_\_\_\_\_

10. Was your religion / denomination [religion name] at [BASELINE DATE]? |\_\_| Yes / No

a. (if no) What religion or denomination were you in [baseline date]? **Use G11 codes** |\_\_| Other: \_\_\_\_\_

b. (if no) Why did you change your religion or denomination? *List up to 3.*

**If no religion, skip to question 22.**

11. Is your religion very important, somewhat important or not very important to your life? (1=Very important; 2=Somewhat important; 3=Not very important)  __
12. Do you attend church / mosque regularly?  __  (1=Yes, 2=No)

**If YES:** 12a. Where do you attend church / mosque regularly? *Please select the village in which your place of worship is located:*

\_\_\_\_\_

**If YES:** 12b. What is the name of your place of worship? \_\_\_\_\_

**If YES:** 13. Did you attend church/ mosque last week? *Select all that apply.* (1=Yes, in person, 2=Yes, remotely, 3=No) | \_\_\_\_ |

14. In the past 30 days, what is the value of cash or goods you donated to your church / mosque? **Note: *Include personal donations, and donations made collectively as a household. This should include any donations to the church coffer, for a church event, or to any church leadership, but should not include gifts to non-leadership members of the church.*** (-88=Refuses to answer)

| \_\_\_\_ |

15. In the past 30 days, how many hours of time, outside of regular worship or bible study, have you donated to working for, helping or organizing in your church / mosque? | \_\_\_\_ |

16. In the last 12 months, would you say you've become more religious, stayed the same or become less religious? (1=More religious, 2=Same, 3=Less religious, -99=DK) | \_\_\_\_ |

***If respondent is currently Christian, continue. Otherwise, skip to question 22.***

17. In the past 12 months, have you served in any of the following roles? *Select all that apply.*

- Pastor
- Priest
- Overseer
- Deacon / elder
- Service volunteer
- Choir / musician
- other: \_\_\_\_\_

18. When you attend religious services, how often do they include people speaking in tongues, prophesying, praying for miraculous or divine healings, or displaying physical signs of the spirit such as laughing and shaking? Would you say always, frequently, occasionally, or never? (1=Always, 2=Frequently, 3=Occasionally, 4=Never, -88=Refuses to answer, -99=DK) | \_\_\_\_ |

**Read:** Please tell me if you completely agree, mostly agree, mostly disagree or completely disagree with the following statements.

19. God will grant material prosperity to all believers who have enough faith.

| \_\_\_\_ | (1=Agree completely, 2=Mostly agree, 3=Mostly disagree, 4=Completely disagree, -88=Refuses to answer, -99=DK)

20. God will grant good health and relief from sickness to believers who have enough faith.

| \_\_\_\_ | (1=Agree completely, 2=Mostly agree, 3=Mostly disagree, 4=Completely disagree, -88=Refuses to answer, -99=DK)

21. Are you saved? (1=Yes, 2=No, -88=Refuses to answer, -99=DK)

22. What is your tribe (or mother tongue)? **Use G10 codes. Female respondents should NOT give the tribe of their husband.**  
 \_\_\_\_\_

23. Is your ethnic or tribal origin somewhat important, very important or not very important to your life? **Probe FR to think about this and choose. Try not to use -99=DK.** (1=Very important, 2=Somewhat important, 3=Not very important)

24. If you had to say only one, what is more important, your tribe or your nationality (i.e., Kenyan)? **Probe FR to think about this and choose. Try not to use -99=DK.** (1=tribe, 2=nationality)

***Section 13.3 Civic and Political Attitudes and Behavior***

	1a. In the last 12 months, have you attended any of the following? (1=Yes, 2=No) <b><i>If YES, continue. If NO, go to next line.</i></b>	1b. In the last 12 months, how many times have you attended [MEETING TYPE]?	1c. In how many of these meetings did you speak publicly on the topic of the meeting ?
i. Assistant chief or village elder barazas to discuss construction or repair of public facilities			
ii. Any other assistant chief or village elder baraza			
iii. Public consultation meeting for use of ward or constituency development fund, or other county government meeting			
iv. School management committee or parent teacher association meeting, or other school meeting			
v. Other public meeting (specify) _____			

2. Since [BL date / January 2014], has any member of your household held a position of responsibility or leadership within the village?  
*Note:* Examples are Assistant chief, village elder, miji kumi, clan elder, community health worker, School management committee/parent teacher association, Do not include religious leaders as we have already discussed these.(1=Yes, 2=No, -88=Refuse)   
***If YES, continue. If NO, go to question 3.***

2a. Which household member(s)? *Select all that apply. Use choice list from household roster.*  /  /  /

**Loop through selected individuals {**

2b. Which position(s)? *Select all that apply.* (1=Assistant chief, 2=Village elder, 3= Miji kumi, 4= Clan Elder, 5=Community health worker, 6=School management committee/parent teacher association, 7=Other (specify))  /  /

} End loop.

3. In the past 7 days, how many days did you...

- a. listen to the radio?
- b. read the newspaper?
- c. watch television?
- d. use a smartphone?
- e. use the internet?
- f.. read a news source on the internet or a smartphone?

5. a. Please name the current Deputy President of Kenya for me. *DO NOT READ: Correct answer is WILLIAM RUTO. "RUTO" is ok. DK: -99*

b. Who is the Member of the County Assembly for your ward?

***If respondent is outside of Siaya County, record response. Write DK if respondent does not know.***

***If respondent is living in Siaya County: (DO NOT READ): The correct answer is [MCA name]. (1=Correct, 2=Incorrect, 99=Don't Know)***

<b>6. Read:</b> I'd like to read you a few statements about public life. I'll read them one at a time. Please tell me how strongly you agree or disagree with each of them. Do you: disagree strongly, disagree a little, agree a little, agree strongly with the following statements? <i>Note: Use scale. Please read out and explain the scale to the respondent. (1=Disagree strongly, 2=Disagree a little, 3=Agree a little, 4=Agree strongly, Do not read: 5=Neutral, -88=Refuse, -99=DK)</i>	
a. People like us don't have any say about what the MCA does	<input type="checkbox"/>
b. MCA's don't care much about what people like us think	<input type="checkbox"/>
c. Sometimes, ward politics and government seem so complicated that people like us can't really understand what's going on	<input type="checkbox"/>
d. It takes too much time and effort to be active in politics and public affairs.	<input type="checkbox"/>
e. I am interested in public affairs.	<input type="checkbox"/>
f. I would like to be more involved in politics and community issues but I am more worried about issues in my own life	<input type="checkbox"/>

7. In the last 12 months, have you participated in any of these activities? (1=Yes, 2=No, -99=DK, -88=Refuse)

a. political rallies or meetings with a politician (in support of a particular candidate or position)	<input type="checkbox"/>
b. demonstrations, mass actions or protests	<input type="checkbox"/>

c. discussions with friends or family about political issues	<input type="checkbox"/>
d. Contacted a government official to ask for help or make a complaint	<input type="checkbox"/>

**8. Read:** Now I would like to ask you a few questions about the 2017 election. Remember that participation is entirely voluntary and you may refuse to answer any question. We will keep your responses as confidential as possible.

8a. Did you vote in the general election in August 2017? Note we are interested in general election, not presidential runoff election in October 2017 (1=Yes, 2=No, -88=Refuse, -99=DK)

**IF NO:** 8b. Why not?  \_\_\_\_\_

- 1= Did not have ID card with me at the time (but does own an ID card);
- 2= Was not near registered voting location at the time;
- 3= Was sick;
- 4= Was afraid;
- 5= Was not interested in voting;
- 7=Did not own an ID card;
- 8=Was not registered;
- 9= Other (specify)

8c. During the last national election in 2017, did a candidate or someone from a political party offer you or anyone in your household something in exchange for your vote, like food or a gift or money?. (1=Yes, 2=No, -99=DK)

**If Yes, CONTINUE. If No, SKIP TO question 9.**

8d. When did you receive these offers? Select all that apply

- a) In door-to-door collections
- b) During campaign rallies and gatherings
- c) During aspirant visits to the village/local area
- d) During a meeting with the community to which household member was invited
- e) Other, please specify \_\_\_\_\_

8e. From how many candidates did you or any household member receive an offer of a gift or cash?

**LOOP through number of candidates received an offer from {**

8f. What was the total monetary value of the gifts and offers you received from the [1st/2nd] candidate that made an offer?  
 KSh

8g. Did you vote for this candidate? (1=Yes, 2=No, -88=Refuse, -99=DK)

8h. Did the candidate run for the ODM, another party or as an independent in the general election? (1=ODM, 2=Another party, 3=Independent)

**} end of LOOP through**

**9. Read:** Now I would like to ask you some more questions about your opinions and feelings.

9a. 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.

**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.

	<b>Probe:</b> Do you agree very strongly?	
10. 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.	1 = Agree very strongly with A	<input type="text"/>
11. 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.	2 = Agree with A	<input type="text"/>
12. 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.	3 = Agree with B	<input type="text"/>
13. A. It is more important to have a government that can get things done, even if we have no influence over what it does. B. It is more important for citizens to be able to hold government accountable, even if that means it makes decisions more slowly	4 = Agree very strongly with B	<input type="text"/>
14. A. It is important to obey the government in power, no matter who you voted for. B. It is not necessary to obey the laws of a government that you did not vote for	<b>DO NOT READ Option 5</b> 5 = Agree with neither -99 = Don't know	<input type="text"/>
15. A. In electing a local leader, I prefer to vote for a candidate who was generous with gifts to people in my community during their campaign B In electing a local leader, I prefer to vote for a candidate whose campaign promises I like the most		<input type="text"/>

16. I'd like to get your feelings about the performance of the different levels of government and how well they are doing their job. I'd like you to rate the performance on a scale from 1 to 10. 1 is the worst feeling and 10 is the best. FO: Show the respondent scale #4.

- a. The Member of County Assembly in your ward Worst=1 2 3 4 5 6 7 8 9 10=Best
- b. Performance of county government Worst=1 2 3 4 5 6 7 8 9 10=Best
- c. Performance of national government Worst=1 2 3 4 5 6 7 8 9 10=Best

17. **Read:** I would like to remind you that all answers you give will be kept as confidential as possible and that the information will be used for research purposes only. Ensure the FR's privacy for the following question.

- a. Have you ever been arrested? (1=Yes, 2=No)  ***If YES, continue. If NO, skip to next section***
- b. Have you ever been imprisoned? (1=Yes, 2=No)

**Section 13.4: Gender Attitudes**

**FO NOTE:** 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 will be kept as confidential as possible and will not be told to anyone. 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:  
Codes: 1=Agree, 2=Disagree, -88=Refuse to answer, -99=Don't Know

- 1. The important decisions in the family should be made only by the men of the family
- 2. A wife should tolerate being beaten by her husband in order to keep the family together.
- 3. A husband has the right to beat his wife
- 4. If a woman earns more money than her husband it is almost certain to cause problems
- 5. If a husband and wife both work full-time, they should share housework tasks equally
  
- 6. In your opinion, is a husband justified in hitting, beating, insulting or yelling at his wife in the following situations: (1=Yes, 2=No, -88=Refused, -99=DK)
  - a. If she goes out without telling him?
  - b. If she neglects the children?
  - c. If she argues with him?
  - d. If she refuses to have sex with him?
  - e. If she burns the food?

***If FR is married / cohabitation, continue. Else skip to next section.***

7. Who in your family has a say on the following decisions:  
(1=Respondent, 2=Spouse, 3=Resp and spouse jointly, 4=Someone else, -98=Not applicable)
- a. Whether or not to use a method to avoid having children.
  - b. Any decisions about childrens' schooling.
  - c. How children should be disciplined.
  - d. Whether to have another child.
  - e. How much of the household's income to save.


**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 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		<input type="text"/>
2. In the past week, I had a problem in concentration on what I was doing		<input type="text"/>
3. In the past week, I felt depressed and troubled in my mind		<input type="text"/>
4. In the past week, I felt that everything that I did took up all my energy		<input type="text"/>
5. In the past week, I felt hopeful about the future		<input type="text"/>
6. In the past week, I felt afraid		<input type="text"/>
7. In the past week, I had difficulty in sleeping peacefully		<input type="text"/>
8. In the past week, I was happy		<input type="text"/>
9. In the past week, I felt lonely		<input type="text"/>
10. In the past week, I lacked the motivation to do anything		<input type="text"/>

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

- 11. 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)?
- 12. 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)

**Perceived Stress Scale**

**Read:** "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

-88 = Refuse to answer

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

**SECTION 15.1 Cantril 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 and show to the respondent.

**Read:** Please imagine a ladder, with steps numbered from 0 at the bottom to 10 at the top. The top of the ladder represents the best possible life for you and the bottom of the ladder represents the worst possible life for you. On which step of the ladder would you say you personally feel you stand at this time?

**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.

1. Where would you place yourself on this ladder? |\_\_\_\_\_| (number from 1 to 10)  
**DO NOT READ THE FOLLOWING OPTIONS: -99=DK, -88=Refuse, -98=Don't understand**

**SECTION 15.2 Hedonic Wellbeing Questions from Gallup World Poll**

**Read:** Now, please think about yesterday, from the morning until the end of the day. Think about where you were, what you were doing, who you were with, and how you felt.

1. Did you smile or laugh a lot yesterday? |\_\_\_| (1=Yes, 2=No, -99=Don't know, -88=Refuse to answer)
2. Did you experience the following feelings during a lot of the day yesterday? (1=Yes, 2=No, -99=Don't know, -88=Refuse to answer)
- A. Enjoyment      |\_\_\_|
  - B. Happiness     |\_\_\_|
  - C. Worry           |\_\_\_|
  - D. Sadness        |\_\_\_|
  - E. Stress          |\_\_\_|
  - F. Anger           |\_\_\_|

**Section 16. Other Sources of Support**

**READ:** We would now like to learn if you or members of your household have recently requested or benefitted from any assistance for your needs. We are interested in support from FOUR sources:

- (1) government assistance programs;
- (2) from community, church/mosque, or other non-governmental organization assistance programs;
- (3) from a current politician, such as the MCA;
- (4) from any other prominent local person.

Specifically, we want to learn about instances where you have asked for OR you have received a good or service directly. By assistance program, I mean any program, including things like receiving food, medication, bednets, condoms, fertilizer, chlorine, education or training, agricultural extension services, healthcare, a job, or money for a specific purpose.

**FO: Here we want programs in which the FR asked for or received something directly, such as money, food, extension services, or a job. We do not want to include Free Primary Education, or education subsidies that go directly to the school and not to the individual.**

		Ask for everyone		Ask for (A) and (B) If 1 or 2= 1, 2 or 3	Ask for (A) and (B) If 3 = 1:			Ask for everyone if 2 = 1 or 2	Ask for everyone if 2 = 3
		1. In the past 12 months, have you or members of your household <b>asked or applied for any assistance</b> , in cash, in kind, or in form of a job, from any of the following? <i>Include both successful and</i>	2. In the past 12 months, have you or members of your household <b>received any assistanc</b> e in cash, in kind, or in form of a job, from any of the following? Include support you received	3. Did you ask or receive assistance from anyone outside your household in making your REQUEST for or OBTAINING any assistance from ... ??  (1 =Yes 2 =No -88 = Refuse to answer -99 = Do not know)	4. Who did you ask / who provided this help?  (1 =The current MCA 2 =The current MP 3 =The current governor 4 =Other current politician 5 = Any past politician, 6 = a community group			7. What was the total monetary value of the cash or in-kind assistance you received from ... ?  <i>Please estimate if you are unsure. If assistance from more than one program, add monetary</i>	8. Was this assistance received from ..... in form of a job for self or another household member?  (1=Self, 2=Another household member 3=Both self and household member)

		<i>unsuccessful requests.</i>  <i>(1 = in cash 2 = in kind, not including a job 3 = a job 4 = Did not ask/receive this)</i>	<i>without asking for it.</i>  <i>(1 = in cash 2 = in kind, not including a job 3 = a job 4 = Did not ask/receive this)</i>		<i>household is part of</i> <i>7 = Family member outside the household</i> <i>-77 = other local leader(specify))</i>			<i>value to get total.</i>	
(A)	<b>A government program</b> Examples include: secondary school bursary programmes, government extension services, orphan and vulnerable children grants, pensions.	_ _	_ _	_ _	_ / _ / _  Other: _____			_ _  Currency if NOT Ksh:  _ _	_ _

(B)	An NGO, church/mosque, CBO or other assistance not from the government? Examples include receiving food, medication, bednets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/> Other: _____			<input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/>	<input type="checkbox"/>
					<b>For (C) and (D), if 1 = 1, 2 or 3</b>	<b>For (C) and (D), if 1 = 1, 2 or 3</b>	<b>For (C) and (D), if 2 = 1, 2 or 3</b>		
					4. Which of the following did you request support from?  <i>Select all that apply, even if the request was unsuccessful</i>	4a. How many times did you ask for support from ...?  <i>Add up the number of requests if reached out to multiple people</i>	6. Which of the following did you receive support from?  <i>Select all that apply, even if support was received without requesting</i>		

(C)	<p>the <b>current MCA or other politician?</b> Other politicians include MP, governor, senator</p>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> The current MCA <input type="checkbox"/> The current MP <input type="checkbox"/> The current governor <input type="checkbox"/> Other current politician	<input type="checkbox"/>	<input type="checkbox"/> The current MCA <input type="checkbox"/> The current MP <input type="checkbox"/> The current governor <input type="checkbox"/> Other current politician	<input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/>	<input type="checkbox"/>
(D)	<p>any <b>other prominent local person?</b> Include any aspirants for any public office who campaigned during the 2017 election or is preparing to campaign for the 2022 election, or their agents or intermediaries.</p>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> A previous politician (such as MCA, MP, Governor) <input type="checkbox"/> An aspirant in the 2022 election <input type="checkbox"/> A successful local business man/woman <input type="checkbox"/> A local religious/spiritual leader <input type="checkbox"/> A local community leader, such as a Village Elder or group leader <input type="checkbox"/> Any other prominent local person	<input type="checkbox"/>	<input type="checkbox"/> A previous politician (such as MCA, MP, Governor) <input type="checkbox"/> An aspirant in the 2022 election <input type="checkbox"/> A successful local business man/woman <input type="checkbox"/> A local religious/spiritual leader <input type="checkbox"/> A local community leader, such as a Village Elder or group leader <input type="checkbox"/> Any other	<input type="checkbox"/> Currency if NOT Ksh: <input type="checkbox"/>	<input type="checkbox"/>

							prominent local person		
--	--	--	--	--	--	--	---------------------------	--	--

***SECTION 17. Transfers to/from other households***

**Read:** Now, I would like to ask you about relationships your household has with other households, in which your household either receives or gives money or goods. I would like to remind you that all answers you give will be kept as confidential as possible, we're an independent organization and information won't have any effect on other programs.

***Transfers Received***

**Please probe well on this next question. We want ALL transfers, not just gifts.**

1. In the past 12 months, did anyone in this household RECEIVE a gift / assistance of money or goods from another household? **Do not include transfers from the government or employers; also do not include loans or interest payments, or goods that the household purchased. If FR is in boarding school count gifts from parents as transfers.** (1=Yes, 2= No)

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

**For the next set of questions, please group together transfers that come from the same sender (or individuals in the same household) and are meant for the same receiver, in one "transfer relationship." If there are more than 5 transfer relationships, list only the ones that provided the largest amount of money or goods.**

- 1a. In the past 12 months, from how many transfer relationships did your household receive a gift / assistance of money or goods?

**Read:** Consider the [1<sup>st</sup> / 2<sup>nd</sup> / 3<sup>rd</sup> / ...] relationship in which your household received a gift of money or goods from someone outside the household in the past 12 months. **Fill in the table by proceeding across for question 2 and then down each column.**

	Transfer relation #1	Transfer relation #2	Transfer relation #3	Transfer relation #4	Transfer relation #5
2. Whose household did you receive a gift from? <b>Use network choice codes.</b>  <b>If not one of the network choices already captured, continue. Otherwise go to question 4.</b>	<input type="checkbox"/>				
3a. What is the full name of the sender? <i>Note: If unable to give a first name, respondent may provide a common name / nickname.</i>	_____	_____	_____	_____	_____

3b. Where does [sender name] live? <b>Use network location choice list. If this village, go to question 3d. If Siaya County, proceed to question 3c. If neither, go to question 3e.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3c. Which village does this [sender name] live in?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3d. What is the household ID of [sender name] from our village census?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3e. How do you know [sender name]? <b>Use G4 codes</b> 3f. What is [sender name]'s gender? 3g. How old is [sender name]? <b>If don't know, please estimate.</b> (-99=DK) 3h. Has [sender name] completed primary school? <b>If NO, go to question 3k</b> 3i. Has [sender name] completed secondary school?? <b>If NO, go to question 3k</b> 3j. Has [sender name] completed college/university? 3k. Does [sender name] own: <input type="checkbox"/> a mobile phone? <input type="checkbox"/> a television? <input type="checkbox"/> a radio?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Was it money or goods that your household received? (1=Money,2=Goods,3=Both) <b>If MONEY, ask questions 4a – 4b. If GOODS, ask questions 4c – 4d. If BOTH, ask questions 4a – 4d. Do not include transport or Mpesa fees.</b> 4a. What was the amount of the most recent <u>cash</u> transfer? (-99=DK) 4b. How were the funds transferred? <b>Use T2 codes</b> 4c. What was the value of most recent transfer of <u>goods</u> ? 4d. What goods were given to you? <b>List.</b> 4e. <b>List currency of responses if not Ksh. Use G12 codes.</b>	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____ e. <input type="checkbox"/> Other: _____	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____ e. <input type="checkbox"/> Other: _	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____ e. <input type="checkbox"/> Other: _	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____ e. <input type="checkbox"/> Other: _	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____ e. <input type="checkbox"/> Other: _
5. What was the main use of the most recent transfer of <u>money or goods</u> ? <b>List all that apply, up to 3 selections. Use T1 codes.</b>	<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"/> _____
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.) <b>Do not include transport or Mpesa fees.</b>	a.Ksh <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> Other: __	a.Ksh <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> Other: __	a.Ksh <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> Other: __	a.Ksh <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> Other: __	a.Ksh <input type="checkbox"/> <input type="checkbox"/> b. <input type="checkbox"/> <input type="checkbox"/> Other: __

6b. <b>List currency if not Ksh. Use G12 codes.</b>					
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) <b>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.</b>	<input type="checkbox"/>				

**If ANOTHER TRANSFER was entered, return to question 3 and fill in the next column. If NOT, continue.**

8. BESIDES THOSE ALREADY MENTIONED, did anyone in this household receive any OTHER gift / assistance of money or goods from someone outside the household in the last 12 months? **Do not include transfers from the government or employers; also do not include loans or interest payments, or goods that the household purchased. If FR is in boarding school count gifts from parents as transfers.**  Yes / No

(if Yes) 8a. What was the total value of ALL OTHER other gifts / assistance members of your household received in the last 12 months, COMBINED?  
 KSh

**Transfers Sent**

**FO: Please probe well on this question. We want ALL transfers, not just gifts.**

9. 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 10. If NO, skip to question 17.**

**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 5 transfer relationships, list only the ones that provided the largest amount of money or goods.**

**Read:** Consider the [1<sup>st</sup> / 2<sup>nd</sup> / 3<sup>rd</sup> / ...] 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	Transfer relation #5
10. Whose household did you send a gift to? <b>Use network choice codes. Also use codes from the sending households just captured above! If not one of the network choices already captured, continue. Otherwise go to question 13.</b>	<input type="checkbox"/>				

11a. What is the first name of the receiver? <i>Note: If unable to give a first name, respondent may provide a common name / nickname.</i>	_____	_____	_____	_____	_____
11b. Does [receiver name] live in this village? <b>If yes, SKIP to question 11e. If no, continue</b>	<input type="checkbox"/>				
11c. Where does [receiver name] live? <b>Use network location choice list. If Siaya County, proceed to question 11d. If not, go to question 11f.</b>	<input type="checkbox"/>				
11d. Which village does this [receiver name] live in?	<input type="checkbox"/>				
11e. What is the household ID of [receiver name] from our village census?	<input type="checkbox"/>				
11g. How do you know [sender name]? <b>Use G4 codes</b> 11h. What is [sender name]'s gender? 11i. How old is [sender name]? <b>If don't know, please estimate.</b> (-99=DK) 11j. Has [sender name] completed primary school? <b>If NO, go to question 11m</b> 11k. Has [sender name] completed secondary school?? <b>If NO, go to question 11m</b> 11l. Has [sender name] completed college/university? 11m. <b>Show on one screen:</b> Does [sender name] own: <input type="checkbox"/> a mobile phone? <input type="checkbox"/> a television? <input type="checkbox"/> a radio?	<input type="checkbox"/>				
12. Was it money or goods that your household sent? (1=Money, 2=Goods, 3=Both) <b>If MONEY, ask questions 11a – 11b. If GOODS, ask questions 11c – 11d. If BOTH, ask questions 11a – 11d.</b> <b>Do not include here transport or Mpesa fees.</b> 11a. What was the amount of the most recent <u>cash</u> transfer? (88=N/A)	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____	<input type="checkbox"/> a. KSh: __ b. <input type="checkbox"/> <input type="checkbox"/> c. KSh: __ d. _____

11b. What was the value of most recent transfer of <u>goods</u> ?	e.  __				
11c. What were the goods that you sent? <b>List all.</b>	Other: _				
11d. <b>List currency if not Ksh. Use G10 codes.</b>					
14a. 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). <b>Do not include here transport or MPESA fees.</b>	a.Ksh  __				
	b. __				
14b. <b>List currency if not Ksh. Use G12 codes.</b>	Other: __				
15. 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.**

16. BESIDES THOSE ALREADY MENTIONED, did anyone in this household give or send money or goods to someone outside the household in the last 12 months?? **Do not include loans or interest payments, or goods that other households purchased from this household.** |\_\_| Yes / No

(if Yes) 16a. What was the total value of ALL OTHER other gifts / assistance members of your household sent in the last 12 months, COMBINED?  
|\_\_| KSh

17. In the last 7 days, have you shared a meal with another household? *Note: by shared a meal, we mean you prepared food for another person or household.* (1=Yes, 2=No, -99=DK) |\_\_|

**If YES, continue. If NO, skip to question 18.**

17a. How many meals have you shared with another household? (-99=DK) |\_\_|

17b. Whom did you share these meals with? *Select all that apply. Use network choice list.* |\_\_| / |\_\_| / |\_\_|

18. In the last 7 days, has another household shared a meal with anyone in your household? *In other words, has another household prepared a meal for you?* (1=Yes, 2=No, -99=DK) |\_\_|

**If YES, continue. If NO, skip to next section.**

18a. How many meals have other households shared with your household? (-99=DK) |\_\_|

18b. Who shared these meals with you? *Select all that apply. Use network choice list.* |\_\_| / |\_\_| / |\_\_|

**Section 18: Private Behavior Module**

**Only proceed if FO gender = female and FR gender = female and FR is married/cohabitating.**

**FO:** Check for the presence of others. Do not continue unless the respondent's privacy is ensured.

**Read:** Now if you will permit me, I need to ask some more questions about your relationship with your husband/partner. I know that these questions are very personal. However, your answers are crucial for helping to understand the conditions of women in Kenya.

I would like to remind you that all answers you give will be kept as confidential as possible and will not be told to anyone. 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.

1. In the last 6 months, have any of your partners ever insulted you, made you feel bad about yourself, or said or done something to humiliate you in front of others?

(1=Never, 2=Sometimes, 3=Often, -88=Refuse) |\_\_\_\_|

2. In the last 6 months, have any of your partners ever threatened to harm you or someone else close to you?

(1=Never, 2=Sometimes, 3=Often, -88=Refuse) |\_\_\_\_|

3. During the last six months, did your husband/partner ever hit, slapped, kicked, or physically hurt you?

(1=Never, 2=Sometimes, 3=Often, -88=Refuse) |\_\_\_\_|

4. During the last six months, did your husband/partner ever physically force you to have sexual intercourse with him even when you did not want to? (1=Yes, 2=No, -88=Refuse) |\_\_\_\_|

5. During the last six months, did your husband/partner ever force you to perform any sexual acts you did not want to? (1=Never, 2=Sometimes, 3=Often, -88=Refuse) |\_\_\_\_|

6. 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=Never, 2=Sometimes, 3=Often, -88=Refuse) |\_\_\_\_|

**SECTION 19. Conclusion**

**Read:** Thank you for your time.

**FO:** 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 / REMIT

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? *Select all that apply.* (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 REMIT 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. What was the condition of the road in the last 5 km before reaching the house?   
( 1 - Excellent or good condition and easy to traverse; 2 - Poor or very poor condition, that is, difficult to traverse due to potholes, waterlogging or other issues; 3 - Impassable at any point e.g., due to a collapsed bridge, fallen tree, flooding, etc.)

6. 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 7.**

6a. Are you taking GPS coordinates within SurveyCTO or from another application?

SurveyCTO

Other Application

Cannot collect GPS coordinates **If this option, skip to question 7**

6b. **(if SurveyCTO):** 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.

6c. **(if other application):** Ensure that you are at the doorstep to the house or business for best accuracy. Please try to obtain an accuracy of 8 meters. Enter ALL DIGITS provided by your application. DO NOT ROUND.

(i) Latitude:

(ii) Longitude:

(iii) Elevation:

(iv) Accuracy:

6d. From where is the GPS being recorded? (1=In/ in front of main residence, 2=In / in front of another structure the household owns other than the main residence, 3=In the middle of the household/family's compound, 4=at place of work, 5=on farmland household owns, 6=outside the gate to the homestead, 7=other (specify) )

7. (if cannot collect GPS): Why are you unable to record GPS information for this household?

Interview conducted via phone

Interview conducted at a different location

Technical issues with GPS device

Other: \_\_\_\_\_